LiuGong

913/915FCR DM EXCAVATOR

ALL NEW F-SERIES

Engine	Cummins B6.7
Net Power	69.5 / 84.5 kW
913FCR Weight	14,900-16,400 kg
915FCR Weight	15,700-17,500 kg
913FCR Bucket Capacity	0.5 m^3
915FCR Bucket Capacity	0.55 m^3



TOUGH WORLD. TOUGH EQUIPMENT.

“THE BEST MACHINES ARE DESIGNED FOR BALANCE, NOT COMPROMISE...”



YOUR PERFORMANCE DASHBOARD

Research tells us that 6 key performance areas really matter to you. We’d like to use this performance dashboard to present the real, tough facts about our **all New 913FCR/915FCR.**

TOUGHNESS & DURABILITY

POWER & EFFICIENCY

INTELLIGENCE & CONTROL

COMFORT & ERGONOMICS

SAFETY & VISIBILITY

UPTIME & MAINTENANCE

The all new 913FCR and 915FCR are packed with benefits. The 913FCR is brilliant at the basics giving you everything you want but nothing you don’t need. When you want **EXTRA** performance the 915FCR delivers.

CUSTOMER DRIVEN DESIGN...

Our customers don’t like compromise, nor do we. That’s why we do our homework before we start the design process to really understand how our machines are actually owned and operated.

This insight allows us to perfectly balance, the demands of the machine owner and the machine operator but without compromise.

reddot design award

RED DOT AWARD-WINNING DESIGN

Our UK design team were recently recognized with a prestigious Red Dot Award for our new 4180D motor grader recognising its innovation and excellence in product design.

HERE'S THE BIG PICTURE...

The all new 913FCR - brilliant at the basics.
The new 915FCR delivers the extra.

ALL NEW F-SERIES

913/915FCR EXCAVATOR

POWER & EFFICIENCY
- 3 new power modes Power, Standard and Eco
- Cummins VGT technology engine delivers 5% more torque

915FCR
EXTRA 15kW engine power

TOUGHNESS & DURABILITY
- Larger track rollers increases carrying capacity by 20%
- Tougher chassis reduces stress by 15%
- Tougher integrally cast boom and arm

915FCR
EXTRA Longer undercarriage
EXTRA 500kg counterweight
EXTRA 10% additional stability

INTELLIGENCE & CONTROL
- Electro-hydraulic control technology
- Attachment flow and pressure control
- Short tail swing radius

915FCR
EXTRA Two piece boom option



SAFETY & VISIBILITY
- 360 degree camera
- Ground level daily inspection
- Anti-slip tread plates and fold down guard ralls
- 1.52m tail swing radius reduces collision risk around the machine

UPTIME & MAINTENANCE
- 1000h air filter cycle
- Maintenance friendly design and layout gives easier access
- Plastic moulded fuel tank increases fuel tank capacity and prevent rust damage

COMFORT & ERGONOMICS
- F-Series Ergonomic cab design
- Intuitive operator interfaces & control
- Quiet (72dBA) and clean (pressurised environment)

NOW FOR THE DETAIL...

“NO MATTER WHAT YOU DO, YOU’VE GOT TO TRUST YOUR MACHINE 100%”



TOUGHNESS AND DURABILITY

DESIGNED TO WORK HARDER, FOR LONGER

DESIGNED TO WORK HARDER, FOR LONGER...

To build machines that can withstand the hardest conditions takes intelligent design, and attention to detail. We know that a machine is only as strong as its weakest point, so every weld, every joint, every component is scrutinized to ensure it passes our rigorous durability tests. **Here's the proof.**

TOUGHNESS AND DURABILITY

1. STRONGER CHASSIS

We've increased the size of our upper and lower track rollers to reduce the stress by 8% and increase the carrying capacity by 20% respectively.

2. GROUND PROTECTION

Our machines may be tough, but with the optional rubber block tracks they're soft on the surface to avoid unnecessary damage.

3. EXTRA VIGILANCE

100% flaw detection ensures every weld is checked to meet our stringent standards.

4. INCREASED DURABILITY

Choose from our range of performance and durability enhancing extras such as our easy to fit demolition guards and heavy duty counter-weight.

5. TOUGHER BOOM AND ARM

Finite element analysis proves the load efficiency and toughness of our boom and arm, but we go further to reduce stress by **50%**.

- Front and rear supports are cast, reducing welds and increasing torsional resistance
- Central ram pivot is forged to reduce stress
- EH hydraulic system reduces hoses and potential leak paths improving long-term performance

6. 915FCR EXTRA...

915FCR
EXTRA Longer undercarriage
EXTRA 500kg counterweight
EXTRA 10% additional stability
EXTRA Ground clearance

1


2


3


4


5


6




TOUGHNESS IS WHAT WE DO...

With over **50,000** excavators already working in the world's toughest environments, you can trust out machines to keep working harder - for longer.



“WHY CHOOSE BETWEEN POWER AND EFFICIENCY WHEN YOU CAN HAVE BOTH?”



POWER AND EFFICIENCY

DESIGNED TO MOVE MORE, FOR LESS

DESIGNED TO MOVE MORE, FOR LESS...

There's no need to compromise digging performance to get the highest fuel efficiency because the all New 913FCR and 915FCR gives you both. With greater torque and more power at lower engine speeds you get the power you want and the fuel efficiency you need.

POWER AND EFFICIENCY

1. EXCEED YOUR EXPECTATIONS

When it comes to efficiency, the 913FCR and 915FCR is smarter than you'd think. Feed Forward control technology matches the engine's speed to the operator's command and predicted load to deliver even greater fuel economy.

2. MORE REAL POWER

With VGT technology, the 3.8L Four Cylinder Cummins engine delivers 5% extra torque compared to high torque at low engine speeds. VGT enables the engine to maximize its power output whilst creating less noise and using less fuel.

3. SAVE EVERY DROP OF FUEL

Engine Auto Idle and Auto Shutdown make every single drop of fuel count. Reducing unproductive fuel saves you money and helps protect the environment.

4. 915FCR EXTRA...

915FCR features an additional 15kW of engine power, providing extra performance in tougher ground conditions and when using larger attachments.

5. GEARING UP

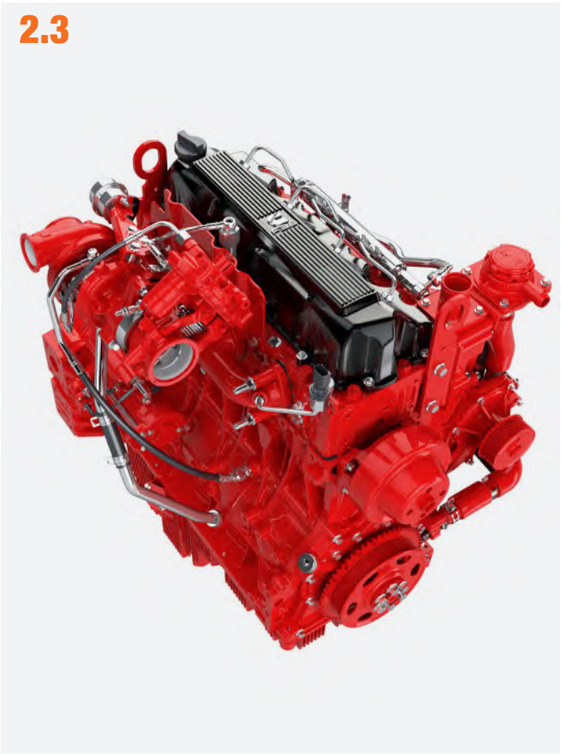
Larger displacement slew motor and higher relief pressures allow 7% greater torque to increase cycle times*.

**compared to 915E*

6. PUSHING PERFORMANCE

The optional dozer blade gives you extra stability and a multitasking capability to keep your site clean and level.









PERFORMANCE STATISTICS

1. **+5%** EXTRA TORQUE * **compared to 915E*

5. **+7%** GREATER SLEW TORQUE

5. **+15kW** ON 915FCR

WHY COMPROMISE?

The all new FCR models let you do more, for less cost, and with less environmental impact, don't settle for anything less.



“TOUGH MACHINES CAN BE INTELLIGENT TOO”



INTELLIGENCE AND CONTROL

DESIGNED TO WORK SMARTER

DESIGNED TO WORK SMARTER

Smart operators choose smart machines because they know their job is tough enough. When it comes to intelligence and control the all New FCR models may surprise you as they're packed with smart features to make life easier.

INTELLIGENCE AND CONTROL

1. CHOOSE YOUR MODE

With a choice of 3 Integrated Work Modes each designed to match the engine speed, pump flow and system pressure to your chosen application, it's easy to find the perfect balance of performance and economy.

2. ELECTRO-HYDRAULIC CONTROL

The state-of-the-art full electro-hydraulic system from Kawasaki provides lightening fast signals between the joysticks, pumps and valve blocks to deliver pin point precision and maximize available engine power.

3. USE OUR BRAINS

With a suite of Smart functions at your fingertips you can control your attachment properties from the comfort of your cab. It's easy:

- Adjustable flow control
- Adjustable pressure control
- 10 attachment settings

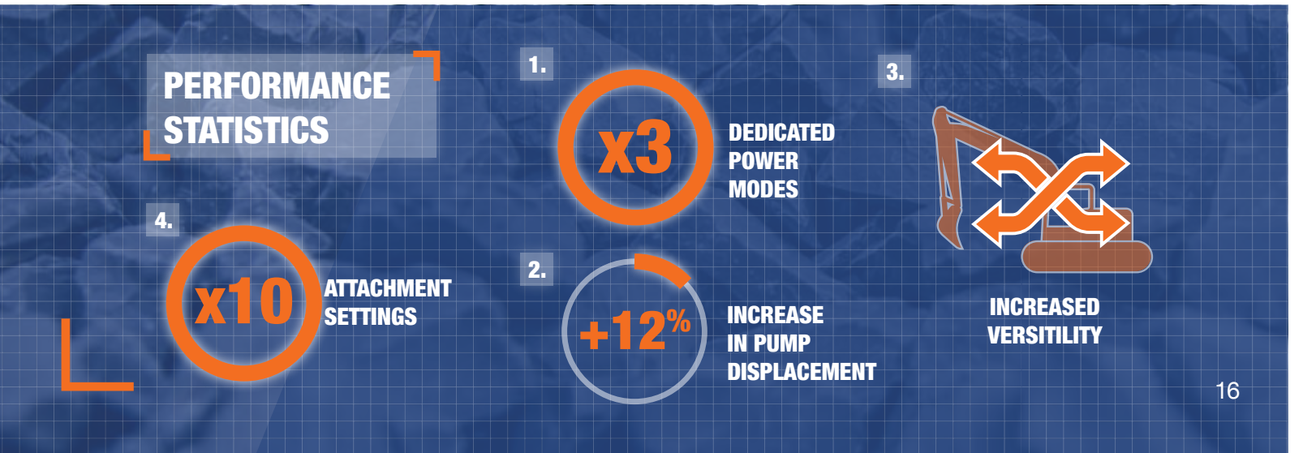
4. LARGER HYDRAULIC PUMP

We've increased the size of our hydraulic pump with 12% greater displacement to increase flow at lower engine speeds and save on fuel.

5. TWO PIECE BOOM OPTION

915FCR EXTRA

Two piece boom option increases versatility with 300mm extra digging reach and flat bottom trench depth, plus 600mm increased dump height.



1



2



3



4



5



SMART IDEAS IN ACTION

The all New FCR models have the perfect balance of toughness and intelligence designed to keep you in control.

“TOUGH DAYS GO FASTER WHEN YOU’RE WORKING IN COMFORT”



COMFORT AND ERGONOMICS

DESIGNED AROUND THE OPERATOR

DESIGNED AROUND THE OPERATOR

Climb into the spacious cab and you'll know that it has been designed by a team that really knows what its like to be an operator. Talking, listening and observing operators, our design team spend almost as much time in the cab as they do with the CAD. The result? One of the most ergonomic and comfortable cabs you can get.

COMFORT AND ERGONOMICS

1. YOUR CHOICE OF SEAT

Every operator is different, so we offer a range of seats and joystick configurations to suit everyone.

- Mechanical suspension standard seat
- Comfort level, air suspension seat with adjustable lumbar support.
- Luxury level, heated air suspension seat with adjustable lumbar and premium padding.

2. PERFECT CONTROL

- From the ergonomically positioned non-slip pedals to the multi-functional joysticks, the cab interior represents a masterclass in design.
- Every action and movement requires the minimum of effort from the operator.

3. INTUITIVE INTERFACE

We've designed the operator interface to be even more intuitive and easy to use. The large 8-inch LCD colour screen can be controlled via touchscreen or by a fingertip navigational control dial conveniently sited in the armrest control panel.

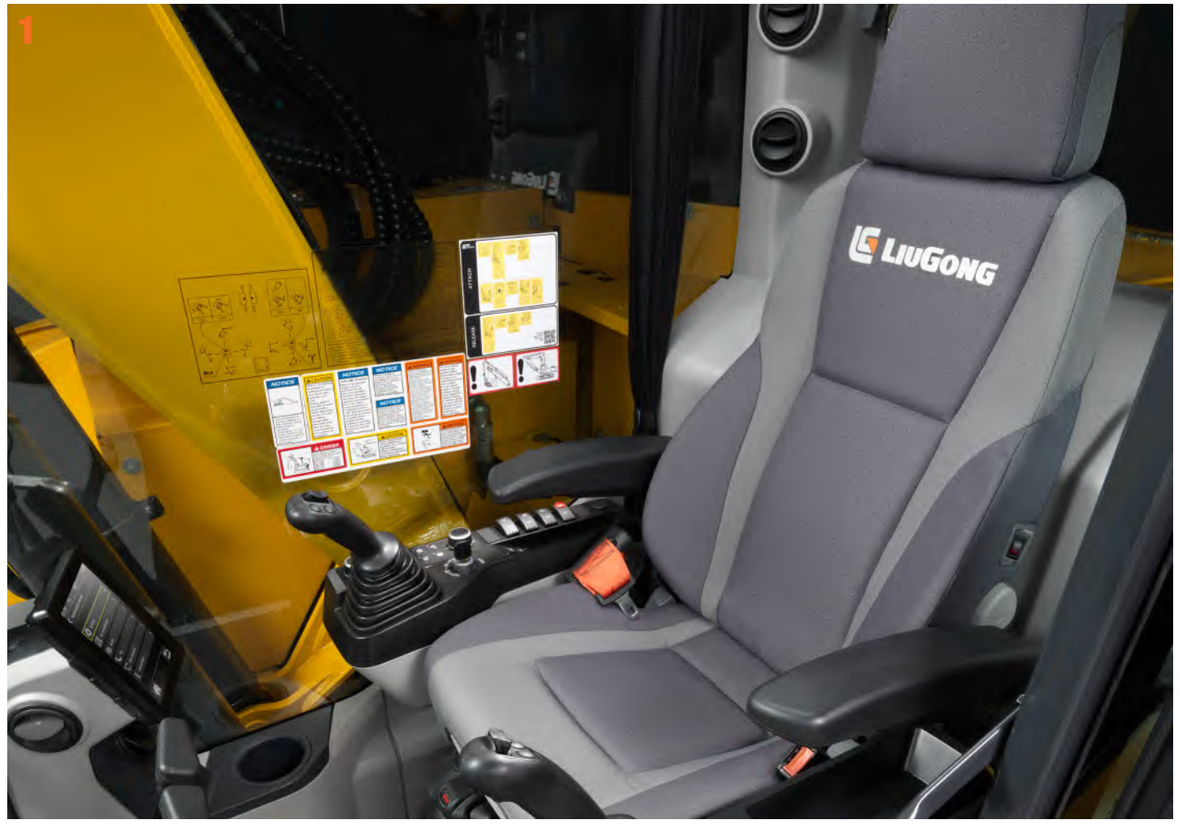
4. MAKE IT YOUR PLACE

We never forget that a machine is not just a tool, it's your place for many hours a day (and night). So, we've remembered all the little things that make it feel like home.

- Large storage box and rack
- Drinks holder
- Phone holder with 12V charging, USB and AUX ports

2. IT'S SO QUIET

The cab is packed with comfort-enhancing technology; the NVH design reduces wind resistance and noise, and the silicone oil shock absorbers and CAE analysis all add up to the calmest and quietest operator experience possible.









PERFECTLY MATCHED TO YOU

The all New FCR models gives you the operating environment you would design for yourself.

TICKS ALL THE RIGHT BOXES

- INTUITIVE LCD OPERATOR CONSOLE
- ERGONOMIC LAYOUT
- FULLY PRESSURIZED (100PA)
- ADVANCE AIR-CON AND TEMPERATURE CONTROL
- ENHANCED VISIBILITY
- HIGH COMFORT, FULLY ADJUSTABLE SEAT
- CUSTOMIZABLE OPERATING HANDLE
- LOW NOISE AND LOW VIBRATION

“WE CONSTANTLY ASK... HOW CAN WE MAKE OUR MACHINES EVEN SAFER”



SAFETY AND VISIBILITY

DESIGNED TO PROTECT

SAFER ALL-ROUND

Being protected in the cab is important, but accident research shows us that most accidents occur outside of the machine. We've taken the challenge to make our machines even safer to be around.

SAFETY AND VISIBILITY

1. MORE PROTECTION WHERE YOU NEED IT

The driver protection system delivers even greater protection to the front and top of the cab and protects the operator from falling rocks and debris. The front screen has a hinge design making cleaning and maintenance easier.

2. WATCH YOUR STEP

- The new 0.5m wide stepped boarding channel with non-slip treadplates makes getting on and off the machine safer
- Optional guard rails or integral fences on the left and right sides of the upper platform increase safety and can be folded down for easy transportation.

3. EMERGENCY STOP

The ground level emergency stop switch is fitted as standard.

4. NO BLIND SPOTS

With 360 degree camera as standard in Europe, you can get an uninterrupted panoramic view around the machine at all angles from the large LCD screen.

5. SAFER AND MORE VERSATILE

- With a 1.52m tail swing, our new FCR models can work in the tightest of spaces.
- Shorter tail swing reduces potential collision damage.
- Creates a safer environment for those working around the machine.

6. SAFER MAINTENANCE ACCESS

No need to climb on the machine, all the daily maintenance points, including the oil level check point are easily accessible from the ground.

7. BE SAFE. BE SEEN

LED work light for better night visibility is fitted as standard.

BETTER BY DESIGN

LiuGong's Red Dot Award winning design* team is rapidly building a reputation for un-rivalled visibility. When you can see more you can do more, whilst protecting yourself and people around the machine.

With the All New FCR models we've pushed the barriers and taken visibility another step forward.

reddot design award

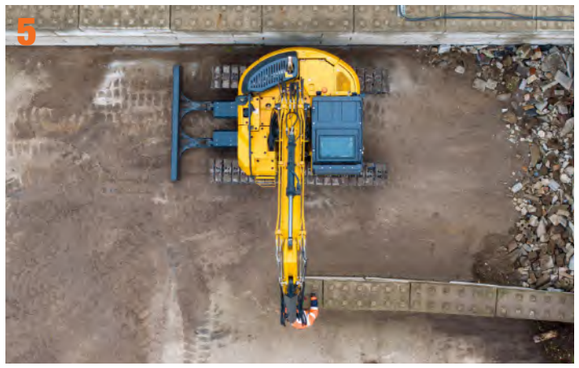
*4180D Motorgrader















YOUR SAFETY - OUR PRIORITY

The all New FCR models have the perfect balance toughness and intelligence designed to keep you in control.

“CAN DAILY MAINTENANCE REALLY BE AS SIMPLE AS THIS?”



UPTIME AND MAINTENANCE

DESIGNED TO BE EASY TO SERVICE AND MAINTAIN

EASY TO OWN AND EASY TO MAINTAIN

We understand that when your machine's not working, it's not earning. To maximize your productive hours, we've made the All New FCR models are even easier to maintain, helping you make every productive second count.

MAINTENANCE AND UPTIME

1. FULLY SYNCHRONIZED MAINTENANCE

Maintenance should be simple so to save you time, all engine oil filter replacement cycles have been synchronized.

2. MAINTENANCE FRIENDLY DESIGN

Our aim was to maximise uptime by making service and maintenance as convenient as possible. Our design team rose to the challenge delivering service and maintenance layout which is second to none.

3. NO RISK - LOW LEVEL ACCESS

Convenience and safety should never be compromised.

- The easy to access optional re-fuelling pump is safely stowed behind the bay door.
- All filters are located close to the bay doors for safe access and speedy maintenance.
- Low level access to DEF tank reduces the need to climb up onto the upper structure.

4. MAKING IT FASTER EVERYDAY

By grouping the greasing points together on the boom base, top of the dipper and slew bearing we make daily maintenance faster and easier.

5. 1000H MAINTENANCE CYCLE

Our red-designed air filter with large ash capacity now has a 1000-hour maintenance cycle – that's one job less to think about.

6. NO RUST, GREATER CAPACITY

Our plastic moulded fuel tank increases fuel capacity and will never rust, preventing filter blockage.

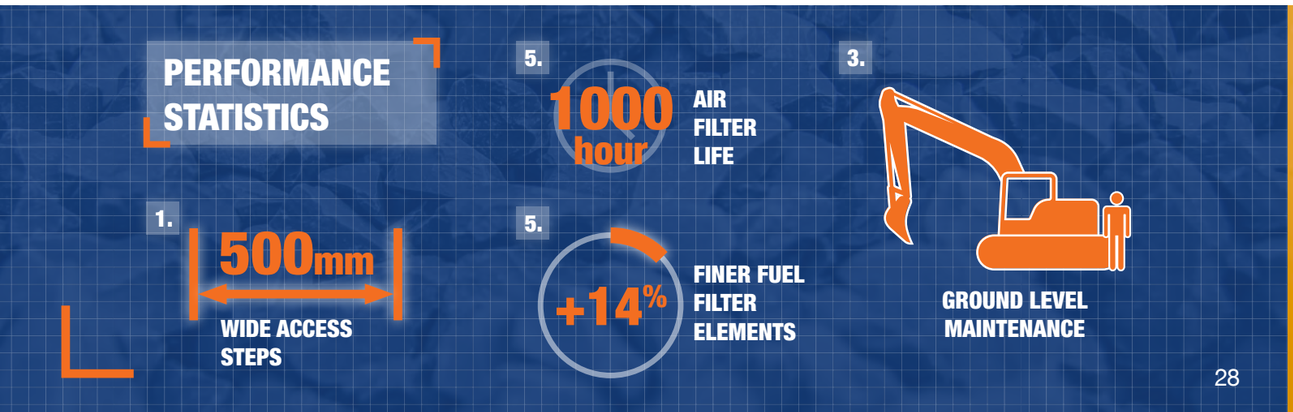














SPECIFICATIONS 913F$_{CR}$

Operating weight	**14,900-16,400 kg (32,849-36,156 lbs)**

Operating weight includes coolant, lubricants, full fuel tank, cab, standard shoes, boom, arm, bucket and operator 75 kg.

Bucket capacity	**0.5 m³ (0.65 yd³)**

ENGINE

Description	
Cummins EU Stage V, turbocharged, 4 cylinder, 4 stroke, water cooled	
Emission rating	EU Stage V
Engine manufacturer	Cummins
Engine model	F3.8
Displacement	3.8 L (1 gal)
Rated speed	2,200 rpm
Engine Output - Net (SAE J1349 / ISO 9249)	69.5 kW (93.2 hp / 94.5 ps)
Engine Output - Gross (SAE J1995 / ISO 14396)	75 kW (100.6 hp / 101.9 ps)
Maximum torque	500 N·m (369 lbf·ft) @ 1,500 rpm
Bore × Stroke	102 × 115 mm (4" × 4.5")

UNDERCARRIAGE

Track shoe each side	44
Link pitch	175 mm (6.9" metal)
Shoe width, triple grouser	500/600/700 mm (20"/24"/28")
Bottom rollers each side	7
Top rollers each side	1

SWING SYSTEM

Swing speed	11.3 rpm
Swing torque	36,790 N·m (27,135 lbf·ft)

HYDRAULIC SYSTEM

Main pump	
Type	Two variable displacement piston pumps
Maximum flow	2 x 117 L/min (2 x 30.9 gal/min)
Relief valve setting	
Implement	34.3 / 37.3 MPa (4,975 / 5,410 psi)
Travel circuit	34.3 MPa (4,975 psi)
Slew circuit	26.5 MPa (3,843 psi)
Pilot circuit	3.9 MPa (566 psi)
Hydraulic cylinders	
Boom Cylinder – Bore × Stroke	Φ105 × 1,000 mm (4.1"×3'3")
Arm Cylinder – Bore × Stroke	Φ115 × 1,175 mm (4.5"×3'10")
Bucket Cylinder – Bore × Stroke	Φ95 × 885 mm (3.7"×2'11")

ELECTRIC SYSTEM

System voltage	12 V
Batteries	2x12 V
Alternator	24 V - 70 A
Start motor	24 V - 4.8 kW (24 V - 6.4 hp)

SERVICE CAPACITIES

Fuel tank	200 L (52.8 gal)
Engine oil	12 L (3.2 gal)
Final drive (each)	2.5 L (0.7 gal)
Swing drive	3 L (0.8 gal)
Cooling system	20 L (5.3 gal)
Hydraulic reservoir	100 L (26.4 gal)
Hydraulic system total	160 L (42.3 gal)
DEF tank	25 L (6.6 gal)

SOUND PERFORMANCE

Interior Sound Power Level (ISO 6396)	72 dB(A)
Exterior Sound Power Level (ISO 6395)	99 dB(A)

DRIVE AND BRAKES

Description	
Steering controlled by two hand levers with pedals.	
Max. travel speed	High: 4.9 km/h (3 mph) Low: 2.9 km/h (1.8 mph)
Gradeability	35°/70%
Max. drawbar pull	122 kN (27,427 lbf)

LiuGong standard and optional equipment may vary from region to region. Please consult your LiuGong dealer for information specific to your area.





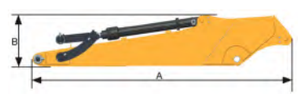


DIMENSIONS

Boom		4,600 mm	
Arm Options	2,500 mm		2,900 mm
A Shipping Length	7,305 mm		7,260 mm
B Shipping Height	3,000 mm		3,190 mm
C Undercarriage Width - 500 mm (20") shoes		2,490 mm	
600 mm (24") shoes		2,590 mm	
700 mm (28") shoes		2,690 mm	
D Shipping Length on Ground	4,435 mm		4,255 mm
E Track Gauge		1,990 mm	
F Length to Center of Rollers		2,930 mm	
G Track Length		3,660 mm	
H Overall Width of Upper Structure		2,490 mm	
J Overall Width of Upper Structure including Cab Handrail		2,570 mm	
K Overall Width of Upper Structure including Cab Rearview Mirror		2,790 mm	
L Tail Swing Radius		1,525 mm	
M Distance of Swing Center to Blade		2,805 mm	
N Counterweight Ground Clearance		925 mm	
P Overall Height of Counterweight		2,205 mm	
Q Overall Height of Cab including Halo		3,020 mm	
Overall Height of Cab including FOP's Guard		3,010 mm	
R Overall Height of Platform Handrail		2,925 mm	
S Min. Ground Clearance		440 mm	
T Track Shoe Width		500 mm	
U Blade, max. lifting height		500 mm	
V Blade, max. digging depth		575 mm	









ARM DIMENSIONS

Arm	2,500 mm	2,900 mm
Length	3,300 mm	3,700 mm
Height	650 mm	700 mm
Width	450 mm	450 mm
Weight	640 kg	670 kg

Cylinder, linkage and pin included.

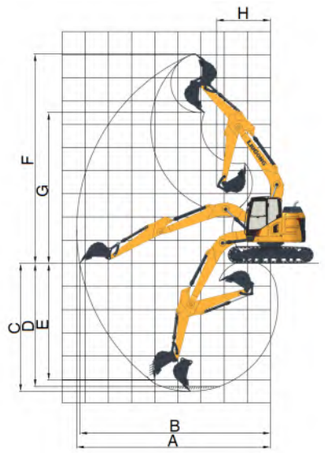
BOOM DIMENSIONS

Boom	/
Length	4,800 mm
Height	1,500 mm
Width	750 mm
Weight	1,170 kg

Cylinder, piping and pin included. Boom cylinder pin excluded.

LiuGong standard and optional equipment may vary from region to region. Please consult your LiuGong dealer for information specific to your area.

SPECIFICATIONS 913FCR



WORKING RANGE

MONO BOOM	/	
Arm	2,500 mm	2,900 mm
A. Max. Digging Reach	8,315 mm	8,705 mm
B. Max. Digging Reach on Ground	8,190 mm	8,585 mm
C. Max. Digging Depth	5,490 mm	5,890 mm
D. Max. Digging Depth, 2.5m (8') Level	5,275 mm	5,700 mm
E. Max. Vertical Wall Digging Depth	5,030 mm	5,415 mm
F. Max. Cutting Height	8,960 mm	9,260 mm
G. Max. Dumping Height	6,530 mm	6,835 mm
H. Min. Front Swing Radius	2,325 mm	2,430 mm
Bucket Digging Force (ISO)	96.9 kN	
Arm Digging Force (ISO)	70 kN	63.5 kN
Bucket Capacity	0.5 m^3	
Bucket Tip Radius	1,055 mm	

MACHINE WEIGHTS & GROUND PRESSURE

Shoe width	Operating weight	Ground pressure	Overall width
	Operating weight, including 2,500 mm arm, 450 kg bucket, additional weight with blade: +1,000 kg.		
500 mm	14,700 kg	44.9 kPa	2,490 mm
600 mm	14,900 kg	37.9 kPa	2,590 mm
700 mm	15,100 kg	32.9 kPa	2.690 mm
500 mm rubber crawler pads	14,700 kg	44.6 kPa	2,490 mm

BUCKET SELECTION GUIDE

					4.6 m boom	
Bucket type	Capacity	Cutting width	Weight	Teeth	2.5 m arm	2.9 m arm
Earth type	0.5 m^3	950 mm	450 kg	5 EA	B	B

The recommendations are given as a guide only, based on typical operation conditions.
Bucket capacity based on ISO 7451, heaped material with a 1:1 angle of repose.

Maximum material density:
A. 1,200-1,300 kg/m^3: Coal, Caliche, Shale
B. 1,400-1,600 kg/m^3: Wet earth and clay, limestone, sandstone
C. 1,700-1,800 kg/m^3: Granite, wet sand, well blasted rock
D. 1,900 kg/m^3: Wet mud, Iron ore
NA. Not applicable

LiuGong standard and optional equipment may vary from region to region. Please consult your LiuGong dealer for information specific to your area.

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.


Rating over-front (Cf)


Rating over-side (Cs)

1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.
4. Lifting capacities are based on machine standing on level, firm and uniform ground.
5. *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at all times.

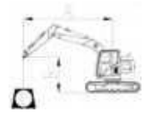
LIFTING CAPACITY (METRIC)

913FCR with 500 mm Shoes, 4,600 mm Boom, 2,500 mm Arm

A: load radius
B: load point height
C: Lifting capacity rating
Cf: Rated loads over front
Cs: Rated loads over side

Conditions

Boom length: 4,600 mm
Arm length: 2,500 mm
Bucket: None
Counterweight: 3,000 kg
Shoes: 500 mm triple grouser shoes
Blade: None



B/A (m)		1.5m		3.0m		4.5m		6m		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Distance
6	kg					*3,600	*3,600			*2,050	*2,050	5.4
4.5	kg					*3,800	3,600	*3,350	2,250	*2,350	2,100	6.3
3	kg			*6,150	*6,150	*4,500	3,400	3,550	2,200	*1,950	1,750	6.9
1.5	kg			*8,400	5,500	5,300	3,150	3,450	2,100	*2,550	1,650	7
ground	kg			*7,200	5,150	5,100	2,950	3,350	2,000	*2,450	1,650	6.9
-1.5	kg	*5,150	*5,150	*8,600	5,100	5,000	2,850	3,300	2,000	*2,800	1,850	6.4
-3	kg	*9,100	*9,100	*7,150	5,200	*4,900	2,900			*3,750	2,300	5.4

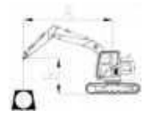
LIFTING CAPACITY (METRIC)

913FCR with 600 mm Shoes, 4,600 mm Boom, 2,500 mm Arm

A: load radius
B: load point height
C: Lifting capacity rating
Cf: Rated loads over front
Cs: Rated loads over side

Conditions

Boom length: 4,600 mm
Arm length: 2,500 mm
Bucket: None
Counterweight: 3,000 kg
Shoes: 600 mm triple grouser shoes
Blade: None



B/A (m)		1.5m		3.0m		4.5m		6m		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Distance
6	kg					*3,600	*3,600			*2,050	*2,050	5.4
4.5	kg					*3,800	3,650	*3,350	2,300	*2,350	2,100	6.3
3	kg			*6,150	*6,150	*4,500	3,450	3,600	2,250	*1,950	1,800	6.9
1.5	kg			*8,400	5,600	*5,350	3,200	3,500	2,150	*2,550	1,700	7
ground	kg			*7,200	5,250	5,200	3,000	3,400	2,050	*2,450	1,700	6.9
-1.5	kg	*5,150	*5,150	*8,600	5,200	5,100	2,950	3,350	2,000	*2,800	1,850	6.4
-3	kg	*9,100	*9,100	*7,150	5,300	*4,900	2,950			*3,750	2,350	5.4

LiuGong standard and optional equipment may vary from region to region. Please consult your LiuGong dealer for information specific to your area.

SPECIFICATIONS 913F$_{CR}$

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.



Rating over-front (Cf) Rating over-side (Cs)

1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.
4. Lifting capacities are based on machine standing on level, firm and uniform ground.
5. *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at all times.

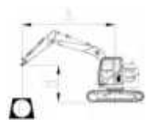
LIFTING CAPACITY (METRIC)

913FCR with 700 mm Shoes, 4,600 mm Boom, 2,500 mm Arm

A: load radius
B: load point height
C: Lifting capacity rating
Cf: Rated loads over front
Cs: Rated loads over side

Conditions

Boom length: 4,600 mm
Arm length: 2,500 mm
Bucket: None
Counterweight: 3,000 kg
Shoes: 700 mm triple grouser shoes
Blade: None



B/A (m)		1.5m		3.0m		4.5m		6m		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Distance
6	kg					*3,600	*3,600			*2,050	*2,050	5.4
4.5	kg					*3,800	3,700	*3,350	2,350	*2,350	2,150	6.3
3	kg			*6,150	*6,150	*4,500	3,500	3,700	2,300	*1,950	1,850	6.9
1.5	kg			*8,400	5,700	*5,350	3,250	3,550	2,200	*2,550	1,750	7
ground	kg			*7,200	5,350	5,250	3,050	3,450	2,100	*2,450	1,750	6.9
-1.5	kg	*5,150	*5,150	*8,600	5,300	5,200	3,000	3,450	2,050	*2,800	1,900	6.4
-3	kg	*9,100	*9,100	*7,150	5,400	*4,900	3,000			*3,750	2,400	5.4

LIFTING CAPACITY (METRIC)

913FCR with 500 mm Rubber Shoes, 4,600 mm Boom, 2,500 mm Arm

A: load radius
B: load point height
C: Lifting capacity rating
Cf: Rated loads over front
Cs: Rated loads over side

Conditions

Boom length: 4,600 mm
Arm length: 2,500 mm
Bucket: None
Counterweight: 3,000 kg
Shoes: 500 mm rubber track shoes
Blade: None



B/A (m)		1.5m		3.0m		4.5m		6m		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Distance
6	kg					*3,600	*3,600			*2,050	*2,050	5.4
4.5	kg					*3,800	3,600	*3,350	2,250	*2,350	2,050	6.3
3	kg			*6,150	*6,150	*4,500	3,400	3,550	2,200	*1,950	1,750	6.9
1.5	kg			*8,400	5,450	5,300	3,100	3,450	2,100	*2,550	1,650	7
ground	kg			*7,200	5,150	5,050	2,950	3,350	2,000	*2,450	1,650	6.9
-1.5	kg	*5,150	*5,150	*8,600	5,100	4,950	2,850	3,300	1,950	*2,800	1,800	6.4
-3	kg	*9,100	*9,100	*7,150	5,200	*4,900	2,900			*3,750	2,300	5.4

LiuGong standard and optional equipment may vary from region to region. Please consult your LiuGong dealer for information specific to your area.

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.



Rating over-front (Cf) Rating over-side (Cs)

1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.
4. Lifting capacities are based on machine standing on level, firm and uniform ground.
5. *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at all times.

LIFTING CAPACITY (METRIC)

913FCR with 500 mm Shoes, 4,600 mm Boom, 2,900 mm Arm

A: load radius
B: load point height
C: Lifting capacity rating
Cf: Rated loads over front
Cs: Rated loads over side

Conditions

Boom length: 4,600 mm
Arm length: 2,900 mm
Bucket: None
Counterweight: 3,000 kg
Shoes: 500 mm triple grouser shoes
Blade: None



B/A (m)		1.5m		3.0m		4.5m		6m		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Distance
6	kg					*3,200	*3,200			*1,700	*1,700	5.9
4.5	kg					*3,450	*3,450	*3,350	2,300	*1,650	*1,650	6.8
3	kg			*5,400	*5,400	*4,150	3,450	3,600	2,250	*1,600	*1,600	7.3
1.5	kg			*7,850	5,650	*5,100	3,200	3,450	2,100	*2,000	1,550	7.4
ground	kg			*7,800	5,200	5,100	2,950	3,350	2,000	*1,950	1,550	7.3
-1.5	kg	*4,700	*4,700	*8,850	5,100	5,000	2,850	3,300	1,950	*2,450	1,650	6.8
-3	kg	*7,900	*7,900	*7,650	5,150	5,000	2,850			*3,300	2,050	5.9
-4.5	kg			*5,050	*5,050					*3,100	*3,100	4.4

LIFTING CAPACITY (METRIC)

913FCR with 600 mm Shoes, 4,600 mm Boom, 2,900 mm Arm

A: load radius
B: load point height
C: Lifting capacity rating
Cf: Rated loads over front
Cs: Rated loads over side

Conditions

Boom length: 4,600 mm
Arm length: 2,900 mm
Bucket: None
Counterweight: 3,000 kg
Shoes: 600 mm triple grouser shoes
Blade: None



B/A (m)		1.5m		3.0m		4.5m		6m		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Distance
6	kg					*3,200	*3,200			*1,700	*1,700	5.9
4.5	kg					*3,450	*3,450	*3,350	2,350	*1,650	*1,650	6.8
3	kg			*5,400	*5,400	*4,150	3,500	*3,600	2,300	*1,600	*1,600	7.3
1.5	kg			*7,850	5,750	*5,100	3,250	3,550	2,150	*2,000	1,600	7.4
ground	kg			*7,800	5,300	5,200	3,050	3,400	2,050	*1,950	1,550	7.3
-1.5	kg	*4,700	*4,700	*8,850	5,200	5,100	2,900	3,350	2,000	*2,450	1,700	6.8
-3	kg	*7,900	*7,900	*7,650	5,250	5,100	2,950			*3,300	2,100	5.9
-4.5	kg			*5,050	*5,050					*3,100	*3,100	4.4

LiuGong standard and optional equipment may vary from region to region. Please consult your LiuGong dealer for information specific to your area.

SPECIFICATIONS 913F$_{CR}$

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.


Rating over-front (Cf)


Rating over-side (Cs)

1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.
4. Lifting capacities are based on machine standing on level, firm and uniform ground.
5. *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at all times.

LIFTING CAPACITY (METRIC)

913FCR with 700 mm Shoes, 4,600 mm Boom, 2,900 mm Arm

A: load radius
B: load point height
C: Lifting capacity rating
Cf: Rated loads over front
Cs: Rated loads over side

Conditions

Boom length: 4,600 mm
Arm length: 2,900 mm
Bucket: None
Counterweight: 3,000 kg
Shoes: 700 mm triple grouser shoes
Blade: None



B/A (m)		1.5m		3.0m		4.5m		6m		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Distance
6	kg					*3,200	*3,200			*1,700	*1,700	5.9
4.5	kg					*3,450	*3,450	*3,350	2,400	*1,650	*1,650	6.8
3	kg			*5,400	*5,400	*4,150	3,600	*3,600	2,300	*1,600	*1,600	7.3
1.5	kg			*7,850	5,900	*5,100	3,300	3,600	2,200	*2,000	1,600	7.4
ground	kg			*7,800	5,400	5,300	3,100	3,500	2,100	*1,950	1,600	7.3
-1.5	kg	*4,700	*4,700	*8,850	5,300	5,200	3,000	3,400	2,050	*2,450	1,750	6.8
-3	kg	*7,900	*7,900	*7,650	5,350	5,200	3,000			*3,300	2,100	5.9
-4.5	kg			*5,050	*5,050					*3,100	*3100	4.4

LIFTING CAPACITY (METRIC)

913FCR with 500 mm Rubber Shoes, 4,600 mm Boom, 2,900 mm Arm

A: load radius
B: load point height
C: Lifting capacity rating
Cf: Rated loads over front
Cs: Rated loads over side

Conditions

Boom length: 4,600 mm
Arm length: 2,900 mm
Bucket: None
Counterweight: 3,000 kg
Shoes: 500 mm rubber track shoes
Blade: None



B/A (m)		1.5m		3.0m		4.5m		6m		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Distance
6	kg					*3,200	*3,200			*1,700	*1,700	5.9
4.5	kg					*3,450	*3,450	*3,350	2,300	*1,650	*1,650	6.8
3	kg			*5,400	*5,400	*4,150	3,450	3,600	2,250	*1,600	*1,600	7.3
1.5	kg			*7,850	5,650	*5,100	3,150	3,450	2,100	*2,000	1,550	7.4
ground	kg			*7,800	5,200	5,100	2,950	3,350	2,000	*1,950	1,550	7.3
-1.5	kg	*4,700	*4,700	*8,850	5,050	4,950	2,850	3,300	1,950	*2,450	1,650	6.8
-3	kg	*7,900	*7,900	*7,650	5,100	5,000	2,850			*3,300	2,000	5.9
-4.5	kg			*5,050	*5,050					*3,100	*3,100	4.4

LiuGong standard and optional equipment may vary from region to region. Please consult your LiuGong dealer for information specific to your area.

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.


Rating over-front (Cf)


Rating over-side (Cs)

1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.
4. Lifting capacities are based on machine standing on level, firm and uniform ground.
5. *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at all times.

LIFTING CAPACITY (METRIC)

913FCR with 500 mm Shoes, 4,600 mm Boom, 2,500 mm Arm

A: load radius
B: load point height
C: Lifting capacity rating
Cf: Rated loads over front
Cs: Rated loads over side

Conditions

Boom length: 4,600 mm
Arm length: 2,500 mm
Bucket: None
Counterweight: 3,000 kg
Shoes: 500 mm triple grouser shoes
Blade: YES



Blade Down

B/A (m)		1.5m		3.0m		4.5m		6m		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Distance
6	kg					*3,600	3,600			*2,050	*2,050	5.4
4.5	kg					*3,800	3,550	*3,350	2,200	*2,350	2,050	6.3
3	kg			*6,150	*6,150	*4,500	3,300	*3,800	2,150	*1,950	1,700	6.9
1.5	kg			*8,400	5,350	*5,350	3,050	*4,150	2,050	*2,550	1,650	7
ground	kg			*7,200	5,050	*5,850	2,850	*4,350	1,950	*2,450	1,600	6.9
-1.5	kg	*5,150	*5,150	*8,600	5,000	*5,800	2,800	*4,200	1,950	*2,800	1,800	6.4
-3	kg	*9,100	*9,100	*7,150	5,100	*4,900	2,850			*3,750	2,250	5.4

Blade Up

B/A (m)		1.5m		3.0m		4.5m		6m		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Distance
6	kg					*3,600	3,600			*2,050	*2,050	5.4
4.5	kg					*3,800	3,550	*3,350	2,200	*2,350	2,050	6.3
3	kg			*6,150	*6,150	*4,500	3,300	3,600	2,150	*1,950	1,700	6.9
1.5	kg			*8,400	5,350	5,350	3,050	3,450	2,050	*2,550	1,650	7
ground	kg			*7,200	5,050	5,100	2,850	3,350	1,950	*2,450	1,600	6.9
-1.5	kg	*5,150	*5,150	*8,600	5,000	5,000	2,800	3,300	1,950	*2,800	1,800	6.4
-3	kg	*9,100	*9,100	*7,150	5,100	*4,900	2,850			*3,750	2,250	5.4

LiuGong standard and optional equipment may vary from region to region. Please consult your LiuGong dealer for information specific to your area.

SPECIFICATIONS 913FCR

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.



Rating over-front (Cf) Rating over-side (Cs)

1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.
4. Lifting capacities are based on machine standing on level, firm and uniform ground.
5. *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at all times.

LIFTING CAPACITY (METRIC)

913FCR with 600 mm Shoes, 4,600 mm Boom, 2,500 mm Arm

A: load radius
B: load point height
C: Lifting capacity rating
Cf: Rated loads over front
Cs: Rated loads over side

Conditions

Boom length: 4,600 mm
Arm length: 2,500 mm
Bucket: None
Counterweight: 3,000 kg
Shoes: 600 mm triple grouser shoes
Blade: YES



Blade Down

B/A (m)		1.5m		3.0m		4.5m		6m		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Distance
6	kg					*3,600	*3,600			*2,050	*2,050	5.4
4.5	kg					*3,800	3,600	*3,350	2,250	*2,350	2,050	6.3
3	kg			*6,150	*6,150	*4,500	3,400	*3,800	2,200	*1,950	1,750	6.9
1.5	kg			*8,400	5,450	*5,350	3,100	*4,150	2,100	*2,550	1,650	7
ground	kg			*7,200	5,100	*5,850	2,950	*4,350	2,000	*2,450	1,650	6.9
-1.5	kg	*5,150	*5,150	*8,600	5,050	*5,800	2,850	*4,200	1,950	*2,800	1,800	6.4
-3	kg	*9,100	*9,100	*7,150	5,150	*4,900	2,900			*3,750	2,300	5.4

Blade Up

B/A (m)		1.5m		3.0m		4.5m		6m		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Distance
6	kg					*3,600	*3,600			*2,050	*2,050	5.4
4.5	kg					*3,800	3,600	*3,350	2,250	*2,350	2,050	6.3
3	kg			*6,150	*6,150	*4,500	3,400	3,650	2,200	*1,950	1,750	6.9
1.5	kg			*8,400	5,450	*5,350	3,100	3,500	2,100	*2,550	1,650	7
ground	kg			*7,200	5,100	5,200	2,950	3,400	2,000	*2,450	1,650	6.9
-1.5	kg	*5,150	*5,150	*8,600	5,050	5,100	2,850	3,400	1,950	*2,800	1,800	6.4
-3	kg	*9,100	*9,100	*7,150	5,150	*4,900	2,900			*3,750	2,300	5.4

LiuGong standard and optional equipment may vary from region to region. Please consult your LiuGong dealer for information specific to your area.

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.



Rating over-front (Cf) Rating over-side (Cs)

1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.
4. Lifting capacities are based on machine standing on level, firm and uniform ground.
5. *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at all times.

LIFTING CAPACITY (METRIC)

913FCR with 700 mm Shoes, 4,600 mm Boom, 2,500 mm Arm

A: load radius
B: load point height
C: Lifting capacity rating
Cf: Rated loads over front
Cs: Rated loads over side

Conditions

Boom length: 4,600 mm
Arm length: 2,500 mm
Bucket: None
Counterweight: 3,000 kg
Shoes: 700 mm triple grouser shoes
Blade: YES



Blade Down

B/A (m)		1.5m		3.0m		4.5m		6m		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Distance
6	kg					*3,600	*3,600			*2,050	*2,050	5.4
4.5	kg					*3,800	3,650	*3,350	2,300	*2,350	2,100	6.3
3	kg			*6,150	*6,150	*4,500	3,450	*3,800	2,250	*1,950	1,800	6.9
1.5	kg			*8,400	5,550	*5,350	3,150	*4,150	2,150	*2,550	1,700	7
ground	kg			*7,200	5,200	*5,850	3,000	*4,350	2,050	*2,450	1,700	6.9
-1.5	kg	*5,150	*5,150	*8,600	5,150	*5,800	2,900	*4,200	2,000	*2,800	1,850	6.4
-3	kg	*9,100	*9,100	*7,150	5,250	*4,900	2,950			*3,750	2,350	5.4

Blade Up

B/A (m)		1.5m		3.0m		4.5m		6m		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Distance
6	kg					*3,600	*3,600			*2,050	*2,050	5.4
4.5	kg					*3,800	3,650	*3350	2,300	*2,350	2,100	6.3
3	kg			*6,150	*6,150	*4,500	3,450	3,700	2,250	*1,950	1,800	6.9
1.5	kg			*8,400	5,550	*5,350	3,150	3,600	2,150	*2,550	1,700	7
ground	kg			*7,200	5,200	5,300	3,000	3,500	2,050	*2,450	1,700	6.9
-1.5	kg	*5,150	*5,150	*8,600	5,150	5,200	2,900	3,450	2,000	*2,800	1,850	6.4
-3	kg	*9,100	*9,100	*7,150	5,250	*4,900	2,950			*3,750	2,350	5.4

LiuGong standard and optional equipment may vary from region to region. Please consult your LiuGong dealer for information specific to your area.

SPECIFICATIONS 913FCR

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.


Rating over-front (Cf)


Rating over-side (Cs)

1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.
4. Lifting capacities are based on machine standing on level, firm and uniform ground.
5. *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at all times.

LIFTING CAPACITY (METRIC)

913FCR with 500 mm Rubber Shoes, 4,600 mm Boom, 2,500 mm Arm

A: load radius
B: load point height
C: Lifting capacity rating
Cf: Rated loads over front
Cs: Rated loads over side

Conditions

Boom length: 4,600 mm
Arm length: 2,500 mm
Bucket: None
Counterweight: 3,000 kg
Shoes: 500 mm rubber track shoes
Blade: YES



Blade Down

B/A (m)		1.5m		3.0m		4.5m		6m		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Distance
6	kg					*3,600	3,600			*2,050	*2,050	5.4
4.5	kg					*3,800	3,500	*3,350	2,200	*2,350	2,050	6.3
3	kg			*6,150	6,100	*4,500	3,300	*3,800	2,150	*1,950	1,700	6.9
1.5	kg			*8,400	5,350	*5,350	3,050	*4,150	2,050	*2,550	1,600	7
ground	kg			*7,200	5,000	*5,850	2,850	*4,350	1,950	*2,450	1,600	6.9
-1.5	kg	*5,150	*5,150	*8,600	4,950	*5,800	2,800	*4,200	1,900	*2,800	1,750	6.4
-3	kg	*9,100	*9,100	*7,150	5,050	*4,900	2,800			*3,750	2,250	5.4

Blade Up

B/A (m)		1.5m		3.0m		4.5m		6m		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Distance
6	kg					*3,600	3,600			*2,050	*2,050	5.4
4.5	kg					*3,800	3,500	*3,350	2,200	*2,350	2,050	6.3
3	kg			*6,150	6,100	*4,500	3,300	3,550	2,150	*1,950	1,700	6.9
1.5	kg			*8,400	5,350	5,300	3,050	3,450	2,050	*2,550	1,600	7
ground	kg			*7,200	5,000	5,100	2,850	3,350	1,950	*2,450	1,600	6.9
-1.5	kg	*5,150	*5,150	*8,600	4,950	5,000	2,800	3,300	1,900	*2,800	1,750	6.4
-3	kg	*9,100	*9,100	*7,150	5,050	*4,900	2,800			*3,750	2,250	5.4

LiuGong standard and optional equipment may vary from region to region. Please consult your LiuGong dealer for information specific to your area.

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.


Rating over-front (Cf)


Rating over-side (Cs)

1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.
4. Lifting capacities are based on machine standing on level, firm and uniform ground.
5. *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at all times.

LIFTING CAPACITY (METRIC)

913FCR with 500 mm Shoes, 4,600 mm Boom, 2,900 mm Arm

A: load radius
B: load point height
C: Lifting capacity rating
Cf: Rated loads over front
Cs: Rated loads over side

Conditions

Boom length: 4,600 mm
Arm length: 2,900 mm
Bucket: None
Counterweight: 3,000 kg
Shoes: 500 mm triple grouser shoes
Blade: YES



Blade Down

B/A (m)		1.5m		3.0m		4.5m		6m		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Distance
6	kg					*3,200	*3,200			*1,700	*1,700	5.9
4.5	kg					*3,450	*3,450	*3,350	2,250	*1,650	*1,650	6.8
3	kg			*5,400	*5,400	*4,150	3,400	*3,600	2,200	*1,600	1,600	7.3
1.5	kg			*7,850	5,550	*5,100	3,100	*4,000	2,050	*2,000	1,500	7.4
ground	kg			*7,800	5,050	*5,750	2,900	*4,300	1,950	*1,950	1,500	7.3
-1.5	kg	*4,700	*4,700	*8,850	4,950	*5,850	2,800	*4,250	1,900	*2,450	1,600	6.8
-3	kg	*7,900	*7,900	*7,650	5,000	*5,250	2,800			*3,300	2,000	5.9
-4.5	kg			*5,050	*5,050					*3,100	3,050	4.4

Blade Up

B/A (m)		1.5m		3.0m		4.5m		6m		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Distance
6	kg					*3,200	*3,200			*1,700	*1,700	5.9
4.5	kg					*3,450	*3,450	*3,350	2,250	*1,650	*1,650	6.8
3	kg			*5,400	*5,400	*4,150	3,400	*3,600	2,200	*1,600	1,600	7.3
1.5	kg			*7,850	5,550	*5,100	3,100	3,500	2,050	*2,000	1,500	7.4
ground	kg			*7,800	5,050	5,150	2,900	3,350	1,950	*1,950	1,500	7.3
-1.5	kg	*4,700	*4,700	*8,850	4,950	5,000	2,800	3,300	1,900	*2,450	1,600	6.8
-3	kg	*7,900	*7,900	*7,650	5,000	5,000	2,800			*3,300	2,000	5.9
-4.5	kg			*5,050	*5,050					*3,100	3,050	4.4

LiuGong standard and optional equipment may vary from region to region. Please consult your LiuGong dealer for information specific to your area.

SPECIFICATIONS 913FCR

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.



Rating over-front (Cf) Rating over-side (Cs)

1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.
4. Lifting capacities are based on machine standing on level, firm and uniform ground.
5. *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at all times.

LIFTING CAPACITY (METRIC)

913FCR with 600 mm Shoes, 4,600 mm Boom, 2,900 mm Arm

A: load radius
B: load point height
C: Lifting capacity rating
Cf: Rated loads over front
Cs: Rated loads over side

Conditions

Boom length: 4,600 mm
Arm length: 2,900 mm
Bucket: None
Counterweight: 3,000 kg
Shoes: 600 mm triple grouser shoes
Blade: YES



Blade Down

B/A (m)		1.5m		3.0m		4.5m		6m		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Distance
6	kg					*3,200	*3,200			*1,700	*1,700	5.9
4.5	kg					*3,450	*3,450	*3,350	2,300	*1,650	*1,650	6.8
3	kg			*5,400	*5,400	*4,150	3,450	*3,600	2,200	*1,600	*1,600	7.3
1.5	kg			*7,850	5,600	*5,100	3,150	*4,000	2,100	*2,000	1,550	7.4
ground	kg			*7,800	5,150	*5,750	2,950	*4,300	2,000	*1,950	1,500	7.3
-1.5	kg	*4,700	*4,700	*8,850	5,050	*5,850	2,850	*4,250	1,950	*2,450	1,650	6.8
-3	kg	*7,900	*7,900	*7,650	5,100	*5,250	2,850			*3,300	2,000	5.9
-4.5	kg			*5,050	*5,050					*3,100	*3,100	4.4

Blade Up

B/A (m)		1.5m		3.0m		4.5m		6m		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Distance
6	kg					*3,200	*3,200			*1,700	*1,700	5.9
4.5	kg					*3,450	*3,450	*3,350	2,300	*1,650	*1,650	6.8
3	kg			*5,400	*5,400	*4,150	3,450	*3,600	2,200	*1,600	*1,600	7.3
1.5	kg			*7,850	5,600	*5,100	3,150	3,550	2,100	*2,000	1,550	7.4
ground	kg			*7,800	5,150	5,200	2,950	3,400	2,000	*1,950	1,500	7.3
-1.5	kg	*4,700	*4,700	*8,850	5,050	5,100	2,850	3,350	1,950	*2,450	1,650	6.8
-3	kg	*7,900	*7,900	*7,650	5,100	5,100	2,850			*3,300	2,000	5.9
-4.5	kg			*5,050	*5,050					*3,100	*3,100	4.4

LiuGong standard and optional equipment may vary from region to region. Please consult your LiuGong dealer for information specific to your area.

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.



Rating over-front (Cf) Rating over-side (Cs)

1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.
4. Lifting capacities are based on machine standing on level, firm and uniform ground.
5. *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at all times.

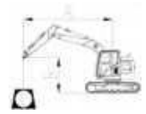
LIFTING CAPACITY (METRIC)

913FCR with 700 mm Shoes, 4,600 mm Boom, 2,900 mm Arm

A: load radius
B: load point height
C: Lifting capacity rating
Cf: Rated loads over front
Cs: Rated loads over side

Conditions

Boom length: 4,600 mm
Arm length: 2,900 mm
Bucket: None
Counterweight: 3,000 kg
Shoes: 700 mm triple grouser shoes
Blade: YES



Blade Down

B/A (m)		1.5m		3.0m		4.5m		6m		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Distance
6	kg					*3,200	*3,200			*1,700	*1,700	5.9
4.5	kg					*3,450	*3,450	*3,350	2,350	*1,650	*1,650	6.8
3	kg			*5,400	*5,400	*4,150	3,500	*3,600	2,250	*1,600	*1,600	7.3
1.5	kg			*7,850	5,700	*5,100	3,200	*4,000	2,150	*2,000	1,550	7.4
ground	kg			*7,800	5,250	*5,750	3,000	*4,300	2,050	*1,950	1,550	7.3
-1.5	kg	*4,700	*4,700	*8,850	5,150	*5,850	2,900	*4,250	2,000	*2,450	1,700	6.8
-3	kg	*7,900	*7,900	*7,650	5,200	*5,250	2,900			*3,300	2,050	5.9
-4.5	kg			*5,050	*5,050					*3,100	*3,100	4.4

Blade Up

B/A (m)		1.5m		3.0m		4.5m		6m		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Distance
6	kg					*3,200	*3,200			*1,700	*1,700	5.9
4.5	kg					*3,450	*3,450	*3,350	2,350	*1,650	*1,650	6.8
3	kg			*5,400	*5,400	*4,150	3,500	*3,600	2,250	*1,600	*1,600	7.3
1.5	kg			*7,850	5,700	*5,100	3,200	3,600	2,150	*2,000	1,550	7.4
ground	kg			*7,800	5,250	5,300	3,000	3,500	2,050	*1,950	1,550	7.3
-1.5	kg	*4,700	*4,700	*8,850	5,150	5,200	2,900	3,400	2,000	*2,450	1,700	6.8
-3	kg	*7,900	*7,900	*7,650	5,200	5,200	2,900			*3,300	2,050	5.9
-4.5	kg			*5,050	*5,050					*3,100	*3,100	4.4

LiuGong standard and optional equipment may vary from region to region. Please consult your LiuGong dealer for information specific to your area.

SPECIFICATIONS 913F$_{CR}$

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.


Rating over-front (Cf)


Rating over-side (Cs)

1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.
4. Lifting capacities are based on machine standing on level, firm and uniform ground.
5. *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at all times.

LIFTING CAPACITY (METRIC)

913FCR with 500 mm Rubber Shoes, 4,600 mm Boom, 2,900 mm Arm

A: load radius
B: load point height
C: Lifting capacity rating
Cf: Rated loads over front
Cs: Rated loads over side

Conditions

Boom length: 4,600 mm
Arm length: 2,900 mm
Bucket: None
Counterweight: 3,000 kg
Shoes: 500 mm rubber track shoes
Blade: YES



Blade Down

B/A (m)		1.5m		3.0m		4.5m		6m		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Distance
6	kg					*3,200	*3,200			*1,700	*1,700	5.9
4.5	kg					*3,450	*3,450	*3,350	2,250	*1,650	*1,650	6.8
3	kg			*5,400	*5,400	*4,150	3,350	*3,600	2,150	*1,600	1,550	7.3
1.5	kg			*7,850	5,500	*5,100	3,100	*4,000	2,050	*2,000	1,500	7.4
ground	kg			*7,800	5,050	*5,750	2,850	*4,300	1,950	*1,950	1,500	7.3
-1.5	kg	*4,700	*4,700	*8,850	4,900	*5,850	2,750	*4,250	1,900	*2,450	1,600	6.8
-3	kg	*7,900	*7,900	*7,650	5,000	*5,250	2,750			*3,300	1,950	5.9
-4.5	kg			*5,050	*5,050					*3,100	3,050	4.4

Blade Up

B/A (m)		1.5m		3.0m		4.5m		6m		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Distance
6	kg					*3,200	*3,200			*1,700	*1,700	5.9
4.5	kg					*3,450	*3,450	*3,350	2,250	*1,650	*1,650	6.8
3	kg			*5,400	*5,400	*4,150	3,350	3,600	2,150	*1,600	1,550	7.3
1.5	kg			*7,850	5,500	*5,100	3,100	3,450	2,050	*2,000	1,500	7.4
ground	kg			*7,800	5,050	5,100	2,850	3,350	1,950	*1,950	1,500	7.3
-1.5	kg	*4,700	*4,700	*8,850	4,900	5,000	2,750	3,300	1,900	*2,450	1,600	6.8
-3	kg	*7,900	*7,900	*7,650	5,000	5,000	2,750			*3,300	1,950	5.9
-4.5	kg			*5,050	*5,050					*3,100	3,050	4.4

LiuGong standard and optional equipment may vary from region to region. Please consult your LiuGong dealer for information specific to your area.

SPECIFICATIONS 915F$_{CR}$

Operating weight	15,700-17,500 kg (34,613-38,581 lbs)

Operating weight includes coolant, lubricants, full fuel tank, cab, standard shoes, monoboom, arm, bucket and operator 75 kg (165 lbs).

Bucket capacity	0.55 m³ (0.72 yd³)

ENGINE

Description

Cummins EU Stage V, turbocharged, 4 cylinder, 4 stroke, water cooled.

Emission rating	Stage V
Engine manufacturer	Cummins
Engine model	F3.8
Aspiration	Turbocharged
Charged air cooling	Aftercooler
Cooling fan drive	Direct
Displacement	3.8 L (1 gal)
Rated speed	2,200 rpm
Engine Output - Gross (SAE J1349 / ISO 9249)	90 kW (120.7 hp)
Engine Output - Net (SAE J1995 / ISO 14396)	84.5 kW (113.3 hp)
Maximum torque	500 N·m (369 lbf·ft) @ 1,500 rpm
Bore × Stroke	102 × 115 mm (4” × 4.5”)

UNDERCARRIAGE

Track shoe each side	45
Link pitch	175 mm (6.9" metal)
Shoe width, triple grouser	500 mm (20")
Bottom rollers each side	7
Top rollers each side	2

SWING SYSTEM

Description

Planetary gear reduction driven by high torque axial piston motor, with oil disk brake. Swing parking brake resets within five seconds after swing pilot controls return to neutral.

Swing speed	11.3 rpm
Swing torque	36,790 N·m (27,135 lbf·ft)

HYDRAULIC SYSTEM

Main pump

Type	Two variable displacement
Maximum flow	2 x 117 L/min (2 x 30.9 gal/min)

Relief valve setting

Implement	34.3 / 37 MPa (4,975 / 5,410 psi)
Travel circuit	34.3 MPa (4,975 psi)
Slew circuit	26.5 MPa (3,843 psi)
Pilot circuitw	3.9 MPa (566 psi)

Hydraulic cylinders

Boom Cylinder – Bore × Stroke	Φ105 × 1,000 mm (4.1" × 3'3")
Arm Cylinder – Bore × Stroke	Φ115 × 1,175 mm (4.5" × 3'10")
Bucket Cylinder – Bore × Stroke	Φ95 × 885 mm (3.7" × 2'11")

ELECTRIC SYSTEM

System voltage	12 V
Batteries	24 V
Alternator	24 V - 70 A
Starter	24 V - 4.8 kW (24 V - 6.4 hp)

SERVICE CAPACITIES

Fuel tank	200 L (52.8 gal)
Engine oil	12 L (3.2 gal)
Final drive (each)	2.5 L (0.7 gal)
Swing drive	3 L (0.8 gal)
Cooling system	20 L (5.3 gal)
Hydraulic reservoir	100 L (26.4 gal)
Hydraulic system total	160 L (42.3 gal)
DEF tank	25 L (6.6 gal)

SOUND PERFORMANCE

Interior Sound Power Level (ISO 6396)	72 dB(A)
Exterior Sound Power Level (ISO 6395)	99 dB(A)

DRIVE AND BRAKES

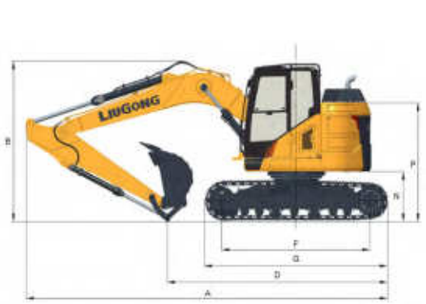
Description

Steering controlled by two hand levers with pedals.

Max. travel speed	High: 4.9 km/h (3 mph) Low: 2.9 km/h (1.8 mph)
Gradeability	35°/70%
Max. drawbar pull	122 kN (27,427 lbf)

LiuGong standard and optional equipment may vary from region to region. Please consult your LiuGong dealer for information specific to your area.

SPECIFICATIONS 915F$_{CR}$







DIMENSIONSMONO BOOM	MONO BOOM		TWO-PIECE BOOM
Boom	4,600 mm		5,050 mm
Arm Options	2,500 mm	2,900 mm	2,500 mm
A Shipping Length	7,335 mm	7,290 mm	7,590 mm
B Shipping Height – Top of Boom	3,070 mm	3,255 mm	3,115 mm
C Undercarriage Width - 500 mm (20") shoes	2,490 mm		2,490 mm
- 600 mm (24") shoes	2,590 mm		2,590 mm
- 700 mm (28") shoes	2,690 mm		2,690 mm
D Shipping Length on Ground	4,470 mm	4,410 mm	4,965 mm
E Track Gauge	1,990 mm		1,990 mm
F Length to Center of Rollers	3,010 mm		3,010 mm
G Track Length	3,745 mm		3,745 mm
H Overall Width of Upper Structure	2,490 mm		2,490 mm
J Overall Width of Upper Structure including Cab Handrail	2,570 mm		2,570 mm
K Overall Width of Upper Structure including Cab Rearview Mirror	2,790 mm		2,790 mm
L Tail Swing Radius	1,525 mm		1,525 mm
M Distance of swing center to Blade	2,800 mm		2,800 mm
N Counterweight Ground Clearance	935 mm		935 mm
P Overall Height of Counterweight	2,215 mm		2,215 mm
Q Overall Height of Cab including Halo	3,025 mm		3,025 mm
Overall Height of Cab including FOP's Guard	3,015 mm		3,015 mm
R Overall Height of Platform Handrail	2,935 mm		2,935 mm
S Min. Ground Clearance	450 mm		450 mm
T Track Shoe Width	500 mm		500 mm
U Blade, max. lifting height	540 mm		540 mm
V Blade, max. digging depth	540 mm		540 mm
Blade width (with 500 mm shoes)	2,490 mm		2,490 mm
Blade width (with 600 mm shoes)	2,590 mm		2,590 mm
Blade width (with 700 mm shoes)	2,690 mm		2,690 mm

MACHINE WEIGHTS & GROUND PRESSURE				
Shoe width	MONO BOOM		TWO-PIECE BOOM	
	Operating weight	Ground pressure	Operating weight	Ground pressure
500 mm	15,400 kg	45.8 kPa	15,900 kg	47.3 kPa
600 mm	15,600 kg	38.7 kPa	16,100 kg	39.9 kPa
700 mm	15,800 kg	33.6 kPa	16,300 kg	34.6 kPa
500 mm rubber crawler pads	15,400 kg	45.6 kPa	15,900 kg	47.0 kPa

Operating weight, including 2,500 mm arm, 480 kg bucket, operator, lubricant, coolant, full fuel tank and the standard equipment. Additional weight with blade: +1,000 kg

LiuGong standard and optional equipment may vary from region to region. Please consult your LiuGong dealer for information specific to your area.

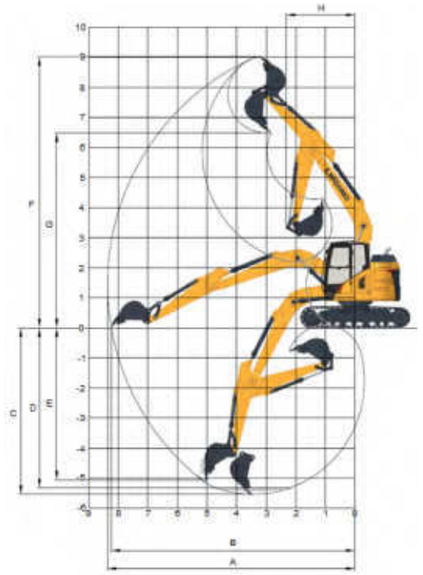


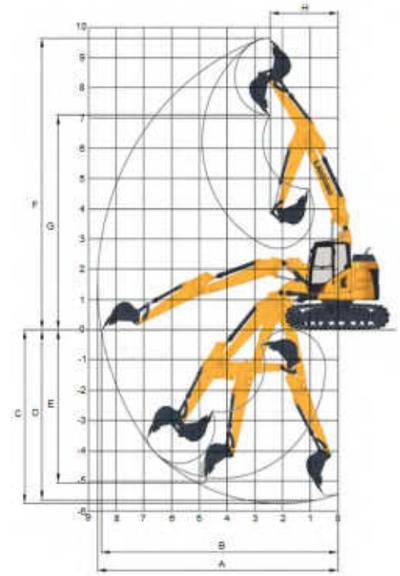
BOOM DIMENSIONS		
Boom	Monoboom	2 Piece Boom
A Length	4,800 mm	5,050 mm
B Height	1,500 mm	1,600 mm
C Width	750 mm	750 mm
Weight	1,170 kg	1,460 kg

Cylinder, piping and pin included. Boom cylinder pin excluded.

ARM DIMENSIONS		
Arm	2,500 mm	2,900 mm
A Length	3,300 mm	3,700 mm
B Height	650 mm	700 mm
C Width	450 mm	450 mm
Weight	640 kg	670 kg

Cylinder, linkage and pin included.





WORKING RANGE	MONO BOOM		TWO-PIECE BOOM
Boom Length	4,800 mm		5,050 mm
Arm Options	2,500 mm	2,900 mm	2,500 mm
A. Max. Digging Reach	8,365 mm	8,760 mm	8,670 mm
B. Max. Digging Reach on Ground	8,240 mm	8,635 mm	8,535 mm
C. Max. Digging Depth	5,540 mm	5,940 mm	5,745 mm
D. Max. Digging Depth, 2.5m (8') Level	5,325 mm	5,745 mm	5,630 mm
E. Max. Vertical Wall Digging Depth	5,055 mm	5,445 mm	5,060 mm
F. Max. Cutting Height	9,015 mm	9,315 mm	9,640 mm
G. Max. Dumping Height	6,485 mm	6,785 mm	7,090 mm
H. Min. Front Swing Radius	2,325 mm	2,430 mm	2,435 mm
Bucket Digging Force (ISO)	96.9 kN	96.9 kN	96.9 kN
Arm Digging Force (ISO)	70 kN	63.5 kN	70 kN
Bucket Capacity (Standard)	0.55 m³	0.55 m³	0.55 m³
Bucket Tip Radius	1,085 mm	1,085 mm	1,085 mm

LiuGong standard and optional equipment may vary from region to region. Please consult your LiuGong dealer for information specific to your area.

SPECIFICATIONS 915F$_{CR}$

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.


Rating over-front (Cf)


Rating over-side (Cs)

1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.
4. Lifting capacities are based on machine standing on level, firm and uniform ground.
5. *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at all times.

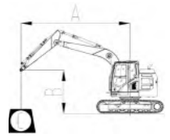
LIFTING CAPACITY (METRIC)

915FCR with 500 mm Shoes, MONO Boom, 2,500 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rating loads over front
Cs: Rating loads over side or 360°

Conditions

Boom length: 4,800 mm
Arm length: 2,500 mm
Shoes: 500 mm triple grouser shoes
Bucket: None
Counterweight: 3,500 kg
Blade: None



B/A (m)		1.5		3.0		4.5		6		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6	kg					*3,600	*3,600			*2,050	*2,050	5.4
4.5	kg					*3,800	*3,800	*3,350	2,500	*2,350	2,300	6.3
3	kg			*6,150	*6,150	*4,500	3,750	*3,800	2,450	*2,000	1,950	6.9
1.5	kg			*8,450	6,100	*5,350	3,500	3,900	2,350	*2,550	1,850	7.0
0	kg			*7,200	5,750	5,800	3,300	3,800	2,250	*2,400	1,850	6.9
-1.5	kg	*5,150	*5,150	*8,600	5,700	5,700	3,200	3,800	2,200	*2,800	2,050	6.4
-3	kg	**9,150	**9,150	*7,150	5,800	**4,900	*3,250			*3,750	2,600	5.4

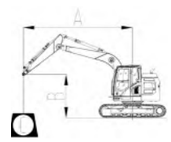
LIFTING CAPACITY (METRIC)

915FCR with 600 mm Shoes, MONO Boom, 2,500 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rating loads over front
Cs: Rating loads over side or 360°

Conditions

Boom length: 4,800 mm
Arm length: 2,500 mm
Shoes: 600 mm triple grouser shoes
Bucket: None
Counterweight: 3,500 kg
Blade: None



B/A (m)		1.5		3.0		4.5		6		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6	kg					*3,600	*3,600			*2,050	*2,050	5.4
4.5	kg					*3,800	*3,800	*3,350	2,550	*2,350	2,350	6.3
3	kg			*6,150	*6,150	*4,500	3,800	*3,800	2,500	*2,000	*2,000	6.9
1.5	kg			*8,450	6,200	*5,350	3,550	4,000	2,400	*2,550	1,900	7.0
0	kg			*7,200	5,850	*5,850	3,350	3,900	2,300	*2,400	1,900	6.9
-1.5	kg	*5,150	*5,150	*8,600	5,800	*5,800	3,250	3,850	*2,250	*2,800	2,100	6.4
-3	kg	*9,150	*9,150	*7,150	*5,900	*4,900	*3,300			*3,750	*2,650	5.4

LiuGong standard and optional equipment may vary from region to region. Please consult your LiuGong dealer for information specific to your area.

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.


Rating over-front (Cf)


Rating over-side (Cs)

1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.
4. Lifting capacities are based on machine standing on level, firm and uniform ground.
5. *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at all times.

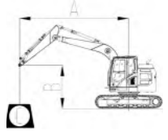
LIFTING CAPACITY (METRIC)

915FCR with 700 mm Shoes, MONO Boom, 2,500 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rating loads over front
Cs: Rating loads over side or 360°

Conditions

Boom length: 4,800 mm
Arm length: 2,500 mm
Shoes: 700 mm triple grouser shoes
Bucket: None
Counterweight: 3,500 kg
Blade: None



B/A (m)		1.5		3.0		4.5		6		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6	kg					*3,600	*3,600			*2,050	*2,050	5.4
4.5	kg					*3,800	*3,800	*3,350	2,600	*2,350	*2,350	6.3
3	kg			*6,150	*6,150	*4,500	3,850	*3,800	2,550	*2,000	*2,000	6.9
1.5	kg			*8,450	6,300	*5,350	3,600	4,050	2,450	*2,550	1,950	7.0
0	kg			*7,200	5,950	*5,850	3,400	3,950	2,350	*2,400	1,950	6.9
-1.5	kg	*5,150	*5,150	*8,600	5,900	*5,800	3,350	3,900	*2,300	*2,800	2,150	6.4
-3	kg	*9,150	*9,150	*7,150	*6,000	*4,900	*3,350			*3,750	*2,700	5.4

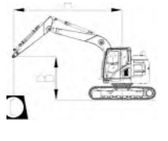
LIFTING CAPACITY (METRIC)

915FCR with 500 mm Shoes, MONO Boom, 2,500 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rating loads over front
Cs: Rating loads over side or 360°

Conditions

Boom length: 4,800 mm
Arm length: 2,500 mm
Shoes: 500 mm rubber track shoes
Bucket: None
Counterweight: 3,500 kg
Blade: None



B/A (m)		1.5		3.0		4.5		6		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6	kg					*3,600	*3,600			*2,050	*2,050	5.4
4.5	kg					*3,800	*3,800	*3,350	2,500	*2,350	2,300	6.3
3	kg			*6,150	*6,150	*4,500	3,700	*3,800	2,450	*2,000	1,950	6.9
1.5	kg			*8,450	6,050	*5,350	3,450	3,900	2,350	*2,550	1,850	7.0
0	kg			*7,200	5,750	5,800	3,250	3,800	2,250	*2,400	1,850	6.9
-1.5	kg	*5,150	*5,150	*8,600	5,700	5,700	3,200	3,750	*2,200	*2,800	2,050	6.4
-3	kg	*9,150	*9,150	*7,150	*5,800	*4,900	*3,250			*3,750	*2,550	5.4

LiuGong standard and optional equipment may vary from region to region. Please consult your LiuGong dealer for information specific to your area.

SPECIFICATIONS 915F$_{CR}$

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.



Rating over-front (Cf)



Rating over-side (Cs)

1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.
4. Lifting capacities are based on machine standing on level, firm and uniform ground.
5. *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at all times.

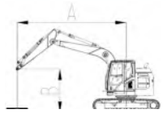
LIFTING CAPACITY (METRIC)

915FCR with 500 mm Shoes, MONO Boom, 2,900 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rating loads over front
Cs: Rating loads over side or 360°

Conditions

Boom length: 4,800 mm
Arm length: 2,900 mm
Shoes: 500 mm triple grouser shoes
Bucket: None
Counterweight: 3,500 kg
Blade: None



B/A (m)		1.5		3.0		4.5		6		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6	kg					*3,200	*3,200			*1,700	*1,700	5.9
4.5	kg					*3,450	*3,450	*3,350	2,550	*1,650	*1,650	6.8
3	kg			*5,400	*5,400	*4,150	3,800	*3,600	2,450	*1,600	*1,600	7.3
1.5	kg			*7,900	6,250	*5,100	3,500	3,950	2,350	*2,000	1,750	7.4
0	kg			*7,800	5,800	*5,750	3,300	3,800	2,250	*1,950	1,700	7.3
-1.5	kg	*4,700	*4,700	*8,850	5,650	5,700	3,200	3,750	*2,200	*2,400	1,900	6.8
-3		*7,900	*7,900	*7,650	5,750	*5,250	3,200			*3,250	2,250	5.9
-4.5	kg			*5,050	*5,050					*3,100	*3,100	4.4

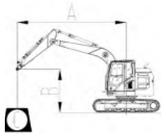
LIFTING CAPACITY (METRIC)

915FCR with 600 mm Shoes, MONO Boom, 2,900 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rating loads over front
Cs: Rating loads over side or 360°

Conditions

Boom length: 4,800 mm
Arm length: 2,900 mm
Shoes: 600 mm triple grouser shoes
Bucket: None
Counterweight: 3,500 kg
Blade: None



B/A (m)		1.5		3.0		4.5		6		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6	kg					*3,200	*3,200			*1,700	*1,700	5.9
4.5	kg					*3,450	*3,450	*3,350	2,600	*1,650	*1,650	6.8
3	kg			*5,400	*5,400	*4,150	3,850	*3,600	2,500	*1,600	*1,600	7.3
1.5	kg			*7,900	6,350	*5,100	3,600	4,000	2,400	*2,000	1,750	7.4
0	kg			*7,800	5,900	*5,750	3,350	3,900	2,300	*1,950	1,750	7.3
-1.5	kg	*4,700	*4,700	*8,850	5,800	5,800	3,250	3,800	*2,250	*2,400	1,900	6.8
-3		*7,900	*7,900	*7,650	5,850	*5,250	3,250			*3,250	2,300	5.9
-4.5	kg			*5,050	*5,050					*3,100	*3,100	4.4

LiuGong standard and optional equipment may vary from region to region. Please consult your LiuGong dealer for information specific to your area.

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.



Rating over-front (Cf)



Rating over-side (Cs)

1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.
4. Lifting capacities are based on machine standing on level, firm and uniform ground.
5. *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at all times.

LIFTING CAPACITY (METRIC)

915FCR with 700 mm Shoes, MONO Boom, 2,900 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rating loads over front
Cs: Rating loads over side or 360°

Conditions

Boom length: 4,800 mm
Arm length: 2,900 mm
Shoes: 700 mm triple grouser shoes
Bucket: None
Counterweight: 3,500 kg
Blade: None



B/A (m)		1.5		3.0		4.5		6		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6	kg					*3,200	*3,200			*1,700	*1,700	5.9
4.5	kg					*3,450	*3,450	*3,350	2,650	*1,650	*1,650	6.8
3	kg			*5,400	*5,400	*4,150	3,900	*3,600	2,550	*1,600	*1,600	7.3
1.5	kg			*7,900	6,450	*5,100	3,650	*4,000	2,450	*2,000	1,800	7.4
0	kg			*7,800	6,000	*5,750	3,400	3,950	2,350	*1,950	1,800	7.3
-1.5	kg	*4,700	*4,700	*8,850	5,900	*5,850	3,300	3,900	*2,300	*2,400	1,950	6.8
-3		*7,900	*7,900	*7,650	5,950	*5,250	3,300			*3,250	2,350	5.9
-4.5	kg			*5,050	*5,050					*3,100	*3,100	4.4

LIFTING CAPACITY (METRIC)

915FCR with 500 mm Shoes, MONO Boom, 2,900 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rating loads over front
Cs: Rating loads over side or 360°

Conditions

Boom length: 4,800 mm
Arm length: 2,900 mm
Shoes: 500 mm rubber track shoes
Bucket: None
Counterweight: 3,500 kg
Blade: None



B/A (m)		1.5		3.0		4.5		6		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6	kg					*3,200	*3,200			*1,700	*1,700	5.9
4.5	kg					*3,450	*3,450	*3,350	2,550	*1,650	*1,650	6.8
3	kg			*5,400	*5,400	*4,150	3,800	*3,600	2,450	*1,600	*1,600	7.3
1.5	kg			*7,900	6,250	*5,100	3,500	3,900	2,350	*2,000	1,700	7.4
0	kg			*7,800	5,750	*5,750	3,300	3,800	2,250	*1,950	1,700	7.3
-1.5	kg	*4,700	*4,700	*8,850	5,650	5,700	3,200	3,750	*2,200	*2,400	1,850	6.8
-3		*7,900	*7,900	*7,650	5,700	*5,250	3,200			*3,250	2,250	5.9
-4.5	kg			*5,050	*5,050					*3,100	*3,100	4.4

LiuGong standard and optional equipment may vary from region to region. Please consult your LiuGong dealer for information specific to your area.

SPECIFICATIONS 915F$_{CR}$

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.


Rating over-front (Cf)


Rating over-side (Cs)

1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.
4. Lifting capacities are based on machine standing on level, firm and uniform ground.
5. *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at all times.

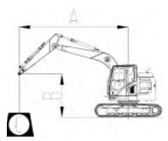
LIFTING CAPACITY (METRIC)

915FCR with 500 mm Shoes, MONO Boom, 2,500 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rating loads over front
Cs: Rating loads over side or 360°

Conditions

Boom length: 4,800 mm
Arm length: 2,500 mm
Shoes: 500 mm triple grouser shoes
Bucket: None
Counterweight: 3,500 kg
Blade: YES



Blade Down

B/A (m)		1.5		3.0		4.5		6		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6	kg					*3,600	*3,600			*2,050	*2,050	5.4
4.5	kg					*3,800	*3,800	*3,350	2,450	*2,350	2,250	6.3
3	kg			*6,150	*6,150	*4,500	3,650	*3,800	2,400	*2,000	1,900	6.9
1.5	kg			*8,450	6,000	*5,350	3,400	*4,150	2,300	*2,550	1,850	7.0
0	kg			*7,200	5,650	*5,850	3,200	*4,350	2,200	*2,400	1,850	6.9
-1.5	kg	*5,150	*5,150	*8,600	5,600	*5,800	3,150	*4,200	*2,150	*2,800	2,000	6.4
-3	kg	*9,150	*9,150	*7,150	*5,700	*4,900	3,200			*3,750	*2,550	5.4

Blade Up

B/A (m)		1.5		3.0		4.5		6		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6	kg					*3,600	*3,600			*2,050	*2,050	5.4
4.5	kg					*3,800	*3,800	*3,350	2,450	*2,350	2,250	6.3
3	kg			*6,150	*6,150	*4,500	3,650	*3,800	2,400	*2,000	1,900	6.9
1.5	kg			*8,450	6,000	*5,350	3,400	3,950	2,300	*2,550	1,850	7.0
0	kg			*7,200	5,650	5,850	3,200	3,850	2,200	*2,400	1,850	6.9
-1.5	kg	*5,150	*5,150	*8,600	5,600	5,750	3,150	3,800	*2,150	*2,800	2,000	6.4
-3	kg	*9,150	*9,150	*7,150	*5,700	*4,900	3,200			*3,750	*2,550	5.4

LiuGong standard and optional equipment may vary from region to region. Please consult your LiuGong dealer for information specific to your area.

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.


Rating over-front (Cf)


Rating over-side (Cs)

1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.
4. Lifting capacities are based on machine standing on level, firm and uniform ground.
5. *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at all times.

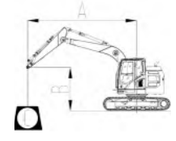
LIFTING CAPACITY (METRIC)

915FCR with 600 mm Shoes, MONO Boom, 2,500 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rating loads over front
Cs: Rating loads over side or 360°

Conditions

Boom length: 4,800 mm
Arm length: 2,500 mm
Shoes: 600 mm triple grouser shoes
Bucket: None
Counterweight: 3,500 kg
Blade: YES



Blade Down

B/A (m)		1.5		3.0		4.5		6		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6	kg					*3,600	*3,600			*2,050	*2,050	5.4
4.5	kg					*3,800	*3,800	*3,350	2,500	*2,350	2,300	6.3
3	kg			*6,150	*6,150	*4,500	3,750	*3,800	2,450	*2,000	1,950	6.9
1.5	kg			*8,450	6,100	*5,350	3,450	*4,150	2,350	*2,550	1,850	7.0
0	kg			*7,200	5,750	*5,850	3,300	*4,350	2,250	*2,400	1,850	6.9
-1.5	kg	*5,150	*5,150	*8,600	5,700	*5,800	3,200	*4,200	*2,200	*2,800	2,050	6.4
-3	kg	*9,150	*9,150	*7,150	*5,800	*4,900	3,250			*3,750	*2,600	5.4

Blade Up

B/A (m)		1.5		3.0		4.5		6		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6	kg					*3,600	*3,600			*2,050	*2,050	5.4
4.5	kg					*3,800	*3,800	*3,350	2,500	*2,350	2,300	6.3
3	kg			*6,150	*6,150	*4,500	3,750	*3,800	2,450	*2,000	1,950	6.9
1.5	kg			*8,450	6,100	*5,350	3,450	4,000	2,350	*2,550	1,850	7.0
0	kg			*7,200	5,750	*5,850	3,300	3,900	2,250	*2,400	1,850	6.9
-1.5	kg	*5,150	*5,150	*8,600	5,700	*5,800	3,200	3,850	*2,200	*2,800	2,050	6.4
-3	kg	*9,150	*9,150	*7,150	*5,800	*4,900	3,250			*3,750	*2,600	5.4

LiuGong standard and optional equipment may vary from region to region. Please consult your LiuGong dealer for information specific to your area.

SPECIFICATIONS 915F$_{CR}$

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.


Rating over-front (Cf)


Rating over-side (Cs)

1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.
4. Lifting capacities are based on machine standing on level, firm and uniform ground.
5. *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at all times.

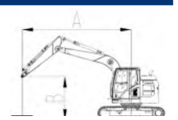
LIFTING CAPACITY (METRIC)

915FCR with 700 mm Shoes, MONO Boom, 2,500 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rating loads over front
Cs: Rating loads over side or 360°

Conditions

Boom length: 4,800 mm
Arm length: 2,500 mm
Shoes: 700 mm triple grouser shoes
Bucket: None
Counterweight: 3,500 kg
Blade: YES



Blade Down

B/A (m)		1.5		3.0		4.5		6		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6	kg					*3,600	*3,600			*2,050	*2,050	5.4
4.5	kg					*3,800	*3,800	*3,350	2,550	*2,350	2,350	6.3
3	kg			*6,150	*6,150	*4,500	3,800	*3,800	2,500	*2,000	*2,000	6.9
1.5	kg			*8,450	6,200	*5,350	3,500	*4,150	2,350	*2,550	1,900	7.0
0	kg			*7,200	5,850	*5,850	3,350	*4,350	2,300	*2,400	1,900	6.9
-1.5	kg	*5,150	*5,150	*8,600	5,800	*5,800	3,250	*4,200	*2,250	*2,800	2,100	6.4
-3	kg	*9,150	*9,150	*7,150	*5,900	*4,900	3,300			*3,750	*2,600	5.4

Blade Up

B/A (m)		1.5		3.0		4.5		6		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6	kg					*3,600	*3,600			*2,050	*2,050	5.4
4.5	kg					*3,800	*3,800	*3,350	2,550	*2,350	2,350	6.3
3	kg			*6,150	*6,150	*4,500	3,800	*3,800	2,500	*2,000	*2,000	6.9
1.5	kg			*8,450	6,200	*5,350	3,500	4,050	2,350	*2,550	1,900	7.0
0	kg			*7,200	5,850	*5,850	3,350	3,950	2,300	*2,400	1,900	6.9
-1.5	kg	*5,150	*5,150	*8,600	5,800	*5,800	3,250	3,950	*2,250	*2,800	2,100	6.4
-3	kg	*9,150	*9,150	*7,150	*5,900	*4,900	3,300			*3,750	*2,600	5.4

LiuGong standard and optional equipment may vary from region to region. Please consult your LiuGong dealer for information specific to your area.

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.


Rating over-front (Cf)


Rating over-side (Cs)

1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.
4. Lifting capacities are based on machine standing on level, firm and uniform ground.
5. *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at all times.

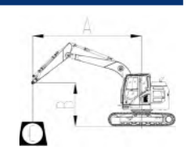
LIFTING CAPACITY (METRIC)

915FCR with 500 mm Shoes, MONO Boom, 2,500 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rating loads over front
Cs: Rating loads over side or 360°

Conditions

Boom length: 4,800 mm
Arm length: 2,500 mm
Shoes: 500 mm rubber track shoes
Bucket: None
Counterweight: 3,500 kg
Blade: YES



Blade Down

B/A (m)		1.5		3.0		4.5		6		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6	kg					*3,600	*3,600			*2,050	*2,050	5.4
4.5	kg					*3,800	*3,800	*3,350	2,450	*2,350	2,250	6.3
3	kg			*6,150	*6,150	*4,500	3,650	*3,800	2,400	*2,000	1,900	6.9
1.5	kg			*8,450	5,950	*5,350	3,400	*4,150	2,300	*2,550	1,850	7.0
0	kg			*7,200	5,600	*5,850	3,200	*4,350	2,200	*2,400	1,800	6.9
-1.5	kg	*5,150	*5,150	*8,600	5,550	*5,800	3,150	*4,200	*2,150	*2,800	2,000	6.4
-3	kg	*9,150	*9,150	*7,150	*5,650	*4,900	3,150			*3,750	*2,500	5.4

Blade Up

B/A (m)		1.5		3.0		4.5		6		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6	kg					*3,600	*3,600			*2,050	*2,050	5.4
4.5	kg					*3,800	*3,800	*3,350	2,450	*2,350	2,250	6.3
3	kg			*6,150	*6,150	*4,500	3,650	*3,800	2,400	*2,000	1,900	6.9
1.5	kg			*8,450	5,950	*5,350	3,400	3,950	2,300	*2,550	1,850	7.0
0	kg			*7,200	5,600	5,850	3,200	3,850	2,200	*2,400	1,800	6.9
-1.5	kg	*5,150	*5,150	*8,600	5,550	5,750	3,150	3,800	*2,150	*2,800	2,000	6.4
-3	kg	*9,150	*9,150	*7,150	*5,650	*4,900	3,150			*3,750	*2,500	5.4

LiuGong standard and optional equipment may vary from region to region. Please consult your LiuGong dealer for information specific to your area.

SPECIFICATIONS 915F$_{CR}$

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.


Rating over-front (Cf)


Rating over-side (Cs)

1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.
4. Lifting capacities are based on machine standing on level, firm and uniform ground.
5. *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at all times.

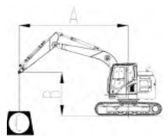
LIFTING CAPACITY (METRIC)

915FCR with 500 mm Shoes, MONO Boom, 2,900 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rating loads over front
Cs: Rating loads over side or 360°

Conditions

Boom length: 4,800 mm
Arm length: 2,900 mm
Shoes: 500 mm triple grouser shoes
Bucket: None
Counterweight: 3,500 kg
Blade: YES



Blade Down

B/A (m)		1.5		3.0		4.5		6		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6	kg					*3,200	*3,200			*1,700	*1,700	5.9
4.5	kg					*3,450	*3,450	*3,350	2,500	*1,650	*1,650	6.8
3	kg			*5,400	*5,400	*4,150	3,750	*3,600	2,450	*1,600	*1,600	7.3
1.5	kg			*7,900	6,150	*5,100	3,450	*4,000	2,300	*2,000	1,700	7.4
0	kg			*7,800	5,650	*5,750	3,250	*4,300	2,200	*1,950	1,700	7.3
-1.5	kg	*4,700	*4,700	*8,850	5,550	*5,850	3,150	*4,250	*2,150	*2,400	1,850	6.8
-3		*7,900	*7,900	*7,650	5,600	*5,250	3,150			*3,250	2,250	5.9
-4.5	kg			*5,050	*5,050					*3,100	*3,100	4.4

Blade Up

B/A (m)		1.5		3.0		4.5		6		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6	kg					*3,200	*3,200			*1,700	*1,700	5.9
4.5	kg					*3,450	*3,450	*3,350	2,500	*1,650	*1,650	6.8
3	kg			*5,400	*5,400	*4,150	3,750	*3,600	2,450	*1,600	*1,600	7.3
1.5	kg			*7,900	6,150	*5,100	3,450	3,950	2,300	*2,000	1,700	7.4
0	kg			*7,800	5,650	*5,750	3,250	3,850	2,200	*1,950	1,700	7.3
-1.5	kg	*4,700	*4,700	*8,850	5,550	5,750	3,150	3,800	*2,150	*2,400	1,850	6.8
-3		*7,900	*7,900	*7,650	5,600	*5,250	3,150			*3,250	2,250	5.9
-4.5	kg			*5,050	*5,050					*3,100	*3,100	4.4

LiuGong standard and optional equipment may vary from region to region. Please consult your LiuGong dealer for information specific to your area.

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.


Rating over-front (Cf)


Rating over-side (Cs)

1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.
4. Lifting capacities are based on machine standing on level, firm and uniform ground.
5. *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at all times.

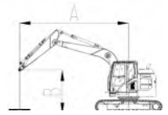
LIFTING CAPACITY (METRIC)

915FCR with 600 mm Shoes, MONO Boom, 2,900 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rating loads over front
Cs: Rating loads over side or 360°

Conditions

Boom length: 4,800 mm
Arm length: 2,900 mm
Shoes: 600 mm triple grouser shoes
Bucket: None
Counterweight: 3,500 kg
Blade: YES



Blade Down

B/A (m)		1.5		3.0		4.5		6		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6	kg					*3,200	*3,200			*1,700	*1,700	5.9
4.5	kg					*3,450	*3,450	*3,350	2,550	*1,650	*1,650	6.8
3	kg			*5,400	*5,400	*4,150	3,800	*3,600	2,450	*1,600	*1,600	7.3
1.5	kg			*7,900	6,250	*5,100	3,500	*4,000	2,350	*2,000	1,700	7.4
0	kg			*7,800	5,750	*5,750	3,300	*4,300	2,250	*1,950	1,700	7.3
-1.5	kg	*4,700	*4,700	*8,850	5,650	*5,850	3,200	*4,250	*2,200	*2,400	1,850	6.8
-3		*7,900	*7,900	*7,650	5,700	*5,250	3,200			*3,250	2,250	5.9
-4.5	kg			*5,050	*5,050					*3,100	*3,100	4.4

Blade Up

B/A (m)		1.5		3.0		4.5		6		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6	kg					*3,200	*3,200			*1,700	*1,700	5.9
4.5	kg					*3,450	*3,450	*3,350	2,550	*1,650	*1,650	6.8
3	kg			*5,400	*5,400	*4,150	3,800	*3,600	2,450	*1,600	*1,600	7.3
1.5	kg			*7,900	6,250	*5,100	3,500	*4,000	2,350	*2,000	1,700	7.4
0	kg			*7,800	5,750	*5,750	3,300	3,900	2,250	*1,950	1,700	7.3
-1.5	kg	*4,700	*4,700	*8,850	5,650	5,850	3,200	3,850	*2,200	*2,400	1,850	6.8
-3		*7,900	*7,900	*7,650	5,700	*5,250	3,200			*3,250	2,250	5.9
-4.5	kg			*5,050	*5,050					*3,100	*3,100	4.4

LiuGong standard and optional equipment may vary from region to region. Please consult your LiuGong dealer for information specific to your area.

SPECIFICATIONS 915F$_{CR}$

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.


Rating over-front (Cf)


Rating over-side (Cs)

1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.
4. Lifting capacities are based on machine standing on level, firm and uniform ground.
5. *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at all times.

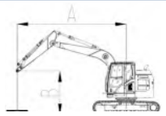
LIFTING CAPACITY (METRIC)

915FCR with 700 mm Shoes, MONO Boom, 2,900 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rating loads over front
Cs: Rating loads over side or 360°

Conditions

Boom length: 4,800 mm
Arm length: 2,900 mm
Shoes: 700 mm triple grouser shoes
Bucket: None
Counterweight: 3,500 kg
Blade: YES



Blade Down

B/A (m)		1.5		3.0		4.5		6		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6	kg					*3,200	*3,200			*1,700	*1,700	5.9
4.5	kg					*3,450	*3,450	*3,350	2,600	*1,650	*1,650	6.8
3	kg			*5,400	*5,400	*4,150	3,850	*3,600	2,500	*1,600	*1,600	7.3
1.5	kg			*7,900	6,350	*5,100	3,550	*4,000	2,400	*2,000	1,750	7.4
0	kg			*7,800	5,850	*5,750	3,350	*4,300	2,300	*1,950	1,750	7.3
-1.5	kg	*4,700	*4,700	*8,850	5,750	*5,850	3,250	*4,250	*2,250	*2,400	1,900	6.8
-3		*7,900	*7,900	*7,650	5,800	*5,250	3,250			*3,250	2,300	5.9
-4.5	kg			*5,050	*5,050					*3,100	*3,100	4.4

Blade Up

B/A (m)		1.5		3.0		4.5		6		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6	kg					*3,200	*3,200			*1,700	*1,700	5.9
4.5	kg					*3,450	*3,450	*3,350	2,600	*1,650	*1,650	6.8
3	kg			*5,400	*5,400	*4,150	3,850	*3,600	2,500	*1,600	*1,600	7.3
1.5	kg			*7,900	6,350	*5,100	3,550	*4,000	2,400	*2,000	1,750	7.4
0	kg			*7,800	5,850	*5,750	3,350	3,950	2,300	*1,950	1,750	7.3
-1.5	kg	*4,700	*4,700	*8,850	5,750	*5,850	3,250	3,900	*2,250	*2,400	1,900	6.8
-3		*7,900	*7,900	*7,650	5,800	*5,250	3,250			*3,250	2,300	5.9
-4.5	kg			*5,050	*5,050					*3,100	*3,100	4.4

LiuGong standard and optional equipment may vary from region to region. Please consult your LiuGong dealer for information specific to your area.

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.


Rating over-front (Cf)


Rating over-side (Cs)

1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.
4. Lifting capacities are based on machine standing on level, firm and uniform ground.
5. *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at all times.

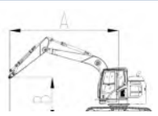
LIFTING CAPACITY (METRIC)

915FCR with 500 mm Shoes, MONO Boom, 2,900 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rating loads over front
Cs: Rating loads over side or 360°

Conditions

Boom length: 4,800 mm
Arm length: 2,900 mm
Shoes: 500 mm rubber track shoes
Bucket: None
Counterweight: 3,500 kg
Blade: YES



Blade Down

B/A (m)		1.5		3.0		4.5		6		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6	kg					*3,200	*3,200			*1,700	*1,700	5.9
4.5	kg					*3,450	*3,450	*3,350	2,500	*1,650	*1,650	6.8
3	kg			*5,400	*5,400	*4,150	3,700	*3,600	2,400	*1,600	*1,600	7.3
1.5	kg			*7,900	6,100	*5,100	3,450	*4,000	2,300	*2,000	1,700	7.4
0	kg			*7,800	5,650	*5,750	3,200	*4,300	2,200	*1,950	1,700	7.3
-1.5	kg	*4,700	*4,700	*8,850	5,550	*5,850	3,100	*4,250	*2,150	*2,400	1,850	6.8
-3		*7,900	*7,900	*7,650	5,600	*5,250	3,100			*3,250	2,200	5.9
-4.5	kg			*5,050	*5,050					*3,100	*3,100	4.4

Blade Up

B/A (m)		1.5		3.0		4.5		6		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6	kg					*3,200	*3,200			*1,700	*1,700	5.9
4.5	kg					*3,450	*3,450	*3,350	2,500	*1,650	*1,650	6.8
3	kg			*5,400	*5,400	*4,150	3,700	*3,600	2,400	*1,600	*1,600	7.3
1.5	kg			*7,900	6,100	*5,100	3,450	3,950	2,300	*2,000	1,700	7.4
0	kg			*7,800	5,650	*5,750	3,200	3,850	2,200	*1,950	1,700	7.3
-1.5	kg	*4,700	*4,700	*8,850	5,550	5,750	3,100	3,750	*2,150	*2,400	1,850	6.8
-3		*7,900	*7,900	*7,650	5,600	*5,250	3,100			*3,250	2,200	5.9
-4.5	kg			*5,050	*5,050					*3,100	*3,100	4.4

LiuGong standard and optional equipment may vary from region to region. Please consult your LiuGong dealer for information specific to your area.

SPECIFICATIONS 915F$_{CR}$

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.



Rating over-front (Cf) Rating over-side (Cs)

1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.
4. Lifting capacities are based on machine standing on level, firm and uniform ground.
5. *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at all times.

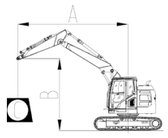
LIFTING CAPACITY (METRIC)

915FCR with 500 mm Shoes, TWO-PIECE Boom, 2,500 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rating loads over front
Cs: Rating loads over side or 360°

Conditions

Boom length: 5,050 mm
Arm length: 2,500 mm
Shoes: 500 mm triple grouser shoes
Bucket: None
Counterweight: 3,500 kg
Blade: None



B/A (m)		1.5		3.0		4.5		6		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6	kg					*3,650	*3,650			*2,050	*2,050	5.8
4.5	kg			*4,200	*4,200	*3,900	*3,900	*3,500	2,450	*2,050	2,050	6.7
3	kg			*6,550	*6,550	*4,550	3,650	*3,750	2,400	*2,050	1,750	7.2
1.5	kg					*5,300	3,350	3,850	2,250	*2,600	1,700	7.3
0	kg			*5,000	*5,000	*5,650	3,150	3,750	2,150	*2,450	1,700	7.2
-1.5	kg			*7,900	5,450	*5,450	3,050	3,700	*2,100	*3,000	1,850	6.7
-3	kg			*6,400	*5,600	*4,600	3,100			*3,100	*2,300	5.8

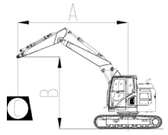
LIFTING CAPACITY (METRIC)

915FCR with 600 mm Shoes, TWO-PIECE Boom, 2,500 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rating loads over front
Cs: Rating loads over side or 360°

Conditions

Boom length: 5,050 mm
Arm length: 2,500 mm
Shoes: 600 mm triple grouser shoes
Bucket: None
Counterweight: 3,500 kg
Blade: None



B/A (m)		1.5		3.0		4.5		6		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6	kg					*3,650	*3,650			*2,050	*2,050	5.8
4.5	kg			*4,200	*4,200	*3,900	*3,900	*3,500	2,500	*2,050	*2,050	6.7
3	kg			*6,550	*6,550	*4,550	3,700	*3,750	2,400	*2,050	1,800	7.2
1.5	kg					*5,300	3,400	3,900	2,300	*2,600	1,700	7.3
0	kg			*5,000	*5,000	*5,650	3,200	3,800	2,200	*2,450	1,700	7.2
-1.5	kg			*7,900	5,550	*5,450	3,100	3,750	*2,150	*3,000	1,900	6.7
-3	kg			*6,400	*5,700	*4,600	3,150			*3,100	*2,300	5.8

LiuGong standard and optional equipment may vary from region to region. Please consult your LiuGong dealer for information specific to your area.

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.



Rating over-front (Cf) Rating over-side (Cs)

1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.
4. Lifting capacities are based on machine standing on level, firm and uniform ground.
5. *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at all times.

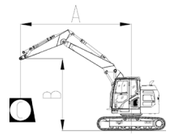
LIFTING CAPACITY (METRIC)

915FCR with 700 mm Shoes, TWO-PIECE Boom, 2,500 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rating loads over front
Cs: Rating loads over side or 360°

Conditions

Boom length: 5,050 mm
Arm length: 2,500 mm
Shoes: 700 mm triple grouser shoes
Bucket: None
Counterweight: 3,500 kg
Blade: None



B/A (m)		1.5		3.0		4.5		6		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6	kg					*3,650	*3,650			*2,050	*2,050	5.8
4.5	kg			*4,200	*4,200	*3,900	*3,900	*3,500	2,550	*2,050	*2,050	6.7
3	kg			*6,550	*6,550	*4,550	3,750	*3,750	2,450	*2,050	1,850	7.2
1.5	kg					*5,300	3,450	4,000	2,350	*2,600	1,750	7.3
0	kg			*5,000	*5,000	*5,650	3,250	3,850	2,250	*2,450	1,750	7.2
-1.5	kg			*7,900	5,700	*5,450	3,200	3,850	*2,200	*3,000	1,900	6.7
-3	kg			*6,400	*5,800	*4,600	3,250			*3,100	*2,350	5.8

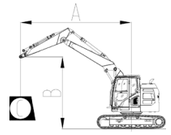
LIFTING CAPACITY (METRIC)

915FCR with 500 mm Shoes, TWO-PIECE Boom, 2,500 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rating loads over front
Cs: Rating loads over side or 360°

Conditions

Boom length: 5,050 mm
Arm length: 2,500 mm
Shoes: 500 mm rubber track shoes
Bucket: None
Counterweight: 3,500 kg
Blade: None



B/A (m)		1.5		3.0		4.5		6		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6	kg					*3,650	*3,650			*2,050	*2,050	5.8
4.5	kg			*4,200	*4,200	*3,900	*3,900	*3,500	2,450	*2,050	2,000	6.7
3	kg			*6,550	*6,550	*4,550	3,650	*3,750	2,350	*2,050	1,750	7.2
1.5	kg					*5,300	3,300	3,850	2,250	*2,600	1,700	7.3
0	kg			*5,000	*5,000	*5,650	3,100	3,750	2,150	*2,450	1,700	7.2
-1.5	kg			*7,900	5,450	*5,450	3,050	3,700	*2,100	*3,000	1,850	6.7
-3	kg			*6,400	*5,600	*4,600	3,100			*3,100	*2,250	5.8

LiuGong standard and optional equipment may vary from region to region. Please consult your LiuGong dealer for information specific to your area.

SPECIFICATIONS 915F$_{CR}$

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.


Rating over-front (Cf)


Rating over-side (Cs)

1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.
4. Lifting capacities are based on machine standing on level, firm and uniform ground.
5. *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at all times.

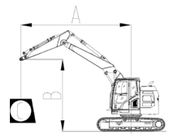
LIFTING CAPACITY (METRIC)

915FCR with 500 mm Shoes, TWO-PIECE Boom, 2,500 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rating loads over front
Cs: Rating loads over side or 360°

Conditions

Boom length: 5,050 mm
Arm length: 2,500 mm
Shoes: 500 mm triple grouser shoes
Bucket: None
Counterweight: 3,500 kg
Blade: YES



Blade Down

B/A (m)		1.5		3.0		4.5		6		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6	kg					*3,650	*3,650			*2,050	*2,050	5.8
4.5	kg			*4,200	*4,200	*3,900	3,850	*3,500	2,450	*2,050	2,000	6.7
3	kg			*6,550	*6,550	*4,550	3,600	*3,750	2,350	*2,050	1,750	7.2
1.5	kg					*5,300	3,250	*4,000	2,200	*2,600	1,650	7.3
0	kg			*5,000	*5,000	*5,650	3,050	*4,200	2,100	*2,450	1,650	7.2
-1.5	kg			*7,900	5,350	*5,450	3,000	*4,000	*2,050	*3,000	1,800	6.7
-3	kg			*6,400	*5,500	*4,600	3,050			*3,100	*2,250	5.8

Blade Up

B/A (m)		1.5		3.0		4.5		6		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6	kg					*3,650	*3,650			*2,050	*2,050	5.8
4.5	kg			*4,200	*4,200	*3,900	3,850	*3,500	2,450	*2,050	2,000	6.7
3	kg			*6,550	*6,550	*4,550	3,600	*3,750	2,350	*2,050	1,750	7.2
1.5	kg					*5,300	3,250	3,900	2,200	*2,600	1,650	7.3
0	kg			*5,000	*5,000	*5,650	3,050	3,750	2,100	*2,450	1,650	7.2
-1.5	kg			*7,900	5,350	*5,450	3,000	3,750	*2,050	*3,000	1,800	6.7
-3	kg			*6,400	*5,500	*4,600	3,050			*3,100	*2,250	5.8

LiuGong standard and optional equipment may vary from region to region. Please consult your LiuGong dealer for information specific to your area.

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.


Rating over-front (Cf)


Rating over-side (Cs)

1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.
4. Lifting capacities are based on machine standing on level, firm and uniform ground.
5. *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at all times.

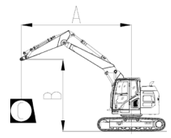
LIFTING CAPACITY (METRIC)

915FCR with 600 mm Shoes, TWO-PIECE Boom, 2,500 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rating loads over front
Cs: Rating loads over side or 360°

Conditions

Boom length: 5,050 mm
Arm length: 2,500 mm
Shoes: 600 mm triple grouser shoes
Bucket: None
Counterweight: 3,500 kg
Blade: YES



Blade Down

B/A (m)		1.5		3.0		4.5		6		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6	kg					*3,650	*3,650			*2,050	*2,050	5.8
4.5	kg			*4,200	*4,200	*3,900	*3,900	*3,500	2,450	*2,050	2,050	6.7
3	kg			*6,550	*6,550	*4,550	3,650	*3,750	2,350	*2,050	1,750	7.2
1.5	kg					*5,300	3,350	*4,000	2,250	*2,600	1,700	7.3
0	kg			*5,000	*5,000	*5,650	3,100	*4,200	2,150	*2,450	1,700	7.2
-1.5	kg			*7,900	5,450	*5,450	3,050	*4,000	*2,100	*3,000	1,850	6.7
-3	kg			*6,400	*5,600	*4,600	3,100			*3,100	*2,250	5.8

Blade Up

B/A (m)		1.5		3.0		4.5		6		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6	kg					*3,650	*3,650			*2,050	*2,050	5.8
4.5	kg			*4,200	*4,200	*3,900	*3,900	*3,500	2,450	*2,050	2,050	6.7
3	kg			*6,550	*6,550	*4,550	3,650	*3,750	2,350	*2,050	1,750	7.2
1.5	kg					*5,300	3,350	3,950	2,250	*2,600	1,700	7.3
0	kg			*5,000	*5,000	*5,650	3,100	3,850	2,150	*2,450	1,700	7.2
-1.5	kg			*7,900	5,450	*5,450	3,050	3,800	*2,100	*3,000	1,850	6.7
-3	kg			*6,400	*5,600	*4,600	3,100			*3,100	*2,250	5.8

LiuGong standard and optional equipment may vary from region to region. Please consult your LiuGong dealer for information specific to your area.

SPECIFICATIONS 915F$_{CR}$

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.


Rating over-front (Cf)


Rating over-side (Cs)

1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.
4. Lifting capacities are based on machine standing on level, firm and uniform ground.
5. *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at all times.

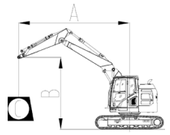
LIFTING CAPACITY (METRIC)

915FCR with 700 mm Shoes, TWO-PIECE Boom, 2,500 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rating loads over front
Cs: Rating loads over side or 360°

Conditions

Boom length: 5,050 mm
Arm length: 2,500 mm
Shoes: 700 mm triple grouser shoes
Bucket: None
Counterweight: 3,500 kg
Blade: YES



Blade Down

B/A (m)		1.5		3.0		4.5		6		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6	kg					*3,650	*3,650			*2,050	*2,050	5.8
4.5	kg			*4,200	*4,200	*3,900	*3,900	*3,500	2,500	*2,050	2,050	6.7
3	kg			*6,550	*6,550	*4,550	3,700	*3,750	2,400	*2,050	1,800	7.2
1.5	kg					*5,300	3,400	*4,000	2,300	*2,600	1,700	7.3
0	kg			*5,000	*5,000	*5,650	3,200	*4,200	2,200	*2,450	1,700	7.2
-1.5	kg			*7,900	5,550	*5,450	3,100	*4,000	*2,150	*3,000	1,900	6.7
-3	kg			*6,400	*5,700	*4,600	3,150			*3,100	*2,300	5.8

Blade Up

B/A (m)		1.5		3.0		4.5		6		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6	kg					*3,650	*3,650			*2,050	*2,050	5.8
4.5	kg			*4,200	*4,200	*3,900	*3,900	*3,500	2,500	*2,050	2,050	6.7
3	kg			*6,550	*6,550	*4,550	3,700	*3,750	2,400	*2,050	1,800	7.2
1.5	kg					*5,300	3,400	4,000	2,300	*2,600	1,700	7.3
0	kg			*5,000	*5,000	*5,650	3,200	3,900	2,200	*2,450	1,700	7.2
-1.5	kg			*7,900	5,550	*5,450	3,100	3,850	*2,150	*3,000	1,900	6.7
-3	kg			*6,400	*5,700	*4,600	3,150			*3,100	*2,300	5.8

LiuGong standard and optional equipment may vary from region to region. Please consult your LiuGong dealer for information specific to your area.

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.


Rating over-front (Cf)


Rating over-side (Cs)

1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.
4. Lifting capacities are based on machine standing on level, firm and uniform ground.
5. *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at all times.

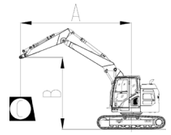
LIFTING CAPACITY (METRIC)

915FCR with 500 mm Shoes, TWO-PIECE Boom, 2,500 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rating loads over front
Cs: Rating loads over side or 360°

Conditions

Boom length: 5,050 mm
Arm length: 2,500 mm
Shoes: 500 mm rubber track shoes
Bucket: None
Counterweight: 3,500 kg
Blade: YES



Blade Down

B/A (m)		1.5		3.0		4.5		6		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6	kg					*3,650	*3,650			*2,050	*2,050	5.8
4.5	kg			*4,200	*4,200	*3,900	3,850	*3,500	2,400	*2,050	2,000	6.7
3	kg			*6,550	6,550	*4,550	3,550	*3,750	2,300	*2,050	1,750	7.2
1.5	kg					*5,300	3,250	*4,000	2,200	*2,600	1,650	7.3
0	kg			*5,000	*5,000	*5,650	3,050	*4,200	2,100	*2,450	1,650	7.2
-1.5	kg			*7,900	5,300	*5,450	3,000	*4,000	*2,050	*3,000	1,800	6.7
-3	kg			*6,400	*5,450	*4,600	3,050			*3,100	*2,200	5.8

Blade Up

B/A (m)		1.5		3.0		4.5		6		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6	kg					*3,650	*3,650			*2,050	*2,050	5.8
4.5	kg			*4,200	*4,200	*3,900	3,850	*3,500	2,400	*2,050	2,000	6.7
3	kg			*6,550	6,550	*4,550	3,550	*3,750	2,300	*2,050	1,750	7.2
1.5	kg					*5,300	3,250	3,850	2,200	*2,600	1,650	7.3
0	kg			*5,000	*5,000	*5,650	3,050	3,750	2,100	*2,450	1,650	7.2
-1.5	kg			*7,900	5,300	*5,450	3,000	3,700	*2,050	*3,000	1,800	6.7
-3	kg			*6,400	*5,450	*4,600	3,050			*3,100	*2,200	5.8

LiuGong standard and optional equipment may vary from region to region. Please consult your LiuGong dealer for information specific to your area.

STANDARD EQUIPMENT

ENGINE SYSTEM	913FCR	915FCR
Cummins F3.8 engine, EU Stage V, turbo charged, 4 cylinder, 4 stroke, water cooled		
3-power modes (Power, Standard, Economy)		
Engine overheat prevention system		
Engine oil low pressure protection		
Auto-idle speed control		
Automatic engine shutdown		
Twin-core air filter with integrated pre-filter		
Plastic fuel tank		
Manual fuel lifting pump		
Fuel pre-filter with water separator and water detection		
Remote engine oil filter		
Ground level engine oil gauge		
Lockable engine oil gauge		
Radiator dust-proof net		
Air conditioner compressor belt automatic tense		
-20°C cold start capability		
Electric refueling pump with auto shutoff	☐	

HYDRAULIC SYSTEM	913FCR	915FCR
Full electric control hydraulic system		
Power boost function		
Pilot control shut-off lever		
Pilot accumulator		
Automatic swing parking brake		
Swing with anti-reverse function		
Automatic two-speed travel		
Automatic travel parking brake		
Boom and arm holding valves	☐	
Hand proportional control auxiliary dual way pipes	☐	
Hand proportional control auxiliary swing pipes	☐	
PTO max flow with manual control	☐	
Auxiliary single-double hydraulic lines exchange on the monitor	☐	
Auxiliary dual pipe flow & pressure adjustable	☐	
Attachment oil drain line	☐	

OPERATOR STATION	913FCR	915FCR
Pressurized and sealed cab		
ROPS certified cab		
Lower windshield can be removable		
Openable front windshield with assist device		
Large roof window with slide sliding sun visor		
Air suspension deluxe seat (with heater and head rest) +retractable seat belt (75 mm [3 in] width, red colour, with green alarm lamp)		
Consoles and seat height adjustable follow-up		
8 inches high resolution LCD touch screen + integrated control panel		
Automatic air conditioner, heater, defroster		
Fire extinguisher		
Safety hammer for cab evacuation		
Green safety glass		
Cab interior lighting		
Left armrest box can be reversed		

ELECTRICAL SYSTEM	913FCR	915FCR
Monitor: working mode, working hour, water temperature, oil temperature, fuel level, DEF level, fuel consumption, rear vision, fault code, work condition etc. machine information.		
Warn: low engine oil pressure, low fuel level, air filter clog, machine overheat, low coolant level, low DEF level, maintenance remind etc.		
Two maintenance free battery		
Battery disconnect switch		
Front window wiper with time adjustable intermittent feature		
AM/FM radio with auxiliary input		
Blue tooth		
Working lights close time delay by programmable		
Cab interior decoration lights close time delay by programmable		
Ground level engine shutoff switch		
Left boom working light		
Right platform working light		
Rear and right side view cameras		
Set password for auxiliary hydraulic-flow adjustments		
Work tool flow and pressure programmable memories		
Control pattern-change valve		
Overload warning device		☐
Travel alarm		☐
Rotating beacon		☐
Rotating warning light		☐
Reserved installation seat and wiring harness for double warning lights in the cab		☐
Right boom working light		☐
360° view		☐
Cab LED ceiling lights (4 in front and 2 in rear)		☐
Reserved installation seat and wiring harness for the long strip cab LED ceiling lights		☐
12 V power supply		☐

UNDERCARRIAGE	913FCR	915FCR
Standard track undercover		
500 mm track-shoes with triple grousers		
Rollers, bottom - 7 each side		
Rollers, top - 1 each side		☐
Rollers, top - 2 each side	☐	
1 piece track guards (each side)		
Travel motor guards	☐	
Centralized lubrication for swing bearing	☐	
Towing eye on base frame		
Traction hole on base frame		
600 mm track-shoes with triple grousers		☐
2 piece track guards (each side)	☐	
Reinforced track undercover	☐	

UPPER STRUCTURE	913FCR	915FCR
Punched metal anti-slip plates		
Foot pedal is in engine room		
Tool box		
Standard frame undercover		
One key for all locks		
3,000 kg counterweight		
500 kg extra counterweight	☐	
Reinforced frame undercover	☐	

DIGGING EQUIPMENT	913FCR	915FCR
4,600 mm boom		☐
4,600 mm MONO boom	☐	
2,500 mm arm		
Arm front end with guard bars		
Manual centralized lubrication on boom		
0.5 m³ standard bucket		☐
Bucket cylinder rod protect	☐	

SERVICE AND MAINTENANCE	913FCR	915FCR
Maintenance tool kit		
Maintenance parts package		
Data diagnostic port		
Self-diagnostic system		

OPTIONAL EQUIPMENT

ENGINE SYSTEM	913FCR	915FCR
Electric refueling pump with auto shutoff		☐

HYDRAULIC SYSTEM	913FCR	915FCR
Boom and arm holding valves		☐
Hand proportional control auxiliary dual way pipes		☐
Hand proportional control auxiliary swing pipes		☐
PTO max flow with manual control		☐
Auxiliary single-double hydraulic lines exchange on the monitor		☐
Auxiliary dual pipe flow & pressure adjustable		☐
High pressure quick-coupler pipes		
Attachment oil drain line		☐
Bucket cylinder rod protect		☐

OPERATOR STATION	913FCR	915FCR
Cab lower window guard		
Cab top guard		
Openable cab front guard		
Cab front guard and top guard (falling object protective structure)		
Sunscreen		
Front window rain visor		

ELECTRICAL SYSTEM	913FCR	915FCR
Overload warning device		☐
Travel alarm		☐
Rotating beacon		☐
Rotating warning light		☐
Reserved installation seat and wiring harness for double warning lights in the cab		☐
Quicker-coupler opening warning		
Starting code		
Right boom working light		☐
360° view		☐
Cab LED ceiling lights (2 in front)		☐
Cab LED ceiling lights (4 in front and 2 in rear)		☐
Reserved installation seat and wiring harness for the long strip cab LED ceiling lights		☐
12V power supply		☐

DIGGING EQUIPMENT	913FCR	915FCR
Reinforced track undercover		☐
700 mm track-shoes with triple grousers and auxiliary track footrest		
500 mm rubber block track		
Dozer with locking function		
600 mm track-shoes with triple grousers	☐	
800 mm track-shoes with triple grousers	☐	
500 mm track shoes with bolt-on rubber pads	☐	
Dozer with floating function	☐	

UPPER STRUCUTRE	913FCR	915FCR
Guard fence of upper frame around		
Reinforced frame undercover		☐
500 kg extra counterweight		☐

DIGGING EQUIPMENT	913FCR	915FCR
Bucket linkage with lifting eye		
Bucket lifting hole		
2,100 mm short reach arm		
2,900 mm long reach arm		
Bucket thumbs		☐
5,050 mm Two pieces boom	☐	



LiuGong

TOUGH WORLD. TOUGH EQUIPMENT.

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LG-PB-913FCR/915FCR-Stage V-WW-A4-052025-ENG

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LiuGong

915F$_{CR}$ EXCAVATOR

F-SERIES

Engine	Cummins F3.8
Net Power	84.5 kW @ 2,200 rpm
Operating Weight	15,400 - 17,300 kg
Bucket Capacity	0.55 - 0.65 m^3



TOUGH WORLD. TOUGH EQUIPMENT.

BUILT FOR THE TOUGHEST APPLICATIONS

For over 65 years, LiuGong has built machines that thrive in the toughest environments. The 915F$_{CR}$, part of our advanced F-Series, is engineered for maximum power, precision, and durability.

Designed to excel in demanding applications, this machine combines cutting-edge technology with proven reliability to keep you working efficiently in even the harshest conditions.

Since launching our first hydraulic excavator in 1992, we've remained committed to innovation, ensuring every LiuGong machine is built to perform, wherever the job takes you.



YOUR PERFORMANCE DASHBOARD

Research tells us that 6 key performance areas really matter to you. We'd like to use this performance dashboard to present the real, tough facts about our **915F$_{CR}$.**

- ENERGY SAVING & HIGH EFFICIENCY
- TOUGHNESS & DURABILITY
- INTELLIGENCE & COMFORT
- SAFETY & VISIBILITY
- VERSATILITY & MANUVERABILITY
- UPTIME & MAINTENANCE

THIS IS LIUGONG

- **65+** YEARS EST 1958
- **30+** PRODUCT LINES
- **12** GLOBAL R&D CENTERS
- **30+** GLOBAL OFFICES
- **16,000+** EMPLOYEES
- **20+** GLOBAL MANUFACTURING FACILITIES

THE 915F$_{CR}$ IN ACTION...

The 915F$_{CR}$ is designed with a short tail swing to meet the challenges of working in confined areas. The short-tail swing radius extends the machine adaptability for earthmoving and construction work to confined spaces, particularly in urban areas, or for road construction, forestry and demolition.



LET'S TAKE A CLOSER LOOK...

ENERGY SAVING & HIGH EFFICIENCY

- Cummins engine, compliant with Euro V emission standards, delivers robust power with enhanced environmental efficiency.
- The engine matches with the large displacement main pump and the large-torque swing motor to ensure the performance, improving fuel economy.
- Auto engine idle and idle shutdown functions further minimize unnecessary fuel consumption during machine idling.



TOUGHNESS & DURABILITY

- The increased-sized upper and lower track rollers reduce the stress by 8% and the carrying capacity by 20%, ensuring maximum durability even in demanding applications.
- The boom and arm are built with forged supports, high-strength steel castings, and larger pins for superior durability and fatigue resistance.
- Reinforced slewing platform with an integrated base plate and optimized design, reducing stress by 8%. Reinforced undercovers provides extra protection for critical components in harsh working conditions.



INTELLIGENCE & COMFORT

- The spacious and pressurised F-series cab is engineered with luxury heated and ventilated air suspension seat and ergonomic interior design to reduce operator fatigue for all-day comfort.
- An intuitive, 10.1 inch touch screen display integrates with menu navigation dial allows customizable machine control to fit operator preferences and applications.
- USB integrated DAB radio, Aux, USB-A and USB-C ports keep the operators stay connected and provides maximum convenience for media inputs and charging even in remote job sites or long shifts.



SAFETY & VISIBILITY

- 360-degree LED safety lights with a delay-off feature stay illuminated for a set period after the engine is shut down, enhancing operator visibility and safety when exiting the machine.
- 360-degree cameras with both side lighting significantly enhance visibility and safety at the jobsites in nighttime operations.
- The wide access steps with anti-slip surface offer plenty of space, making each step safe. The orange handrails and guardrails further increase operator visibility even in low-light environments.



VERSATILITY & MANUVERABILITY

- The compact design reduces the tail swing radius, significantly enhancing maneuverability in confined spaces such as urban roads and construction sites.
- The 2-piece boom design extends the machine's reach, allowing versatility for a wide range of applications.
- The dozer blade significantly increases machine stability during heavy-duty operations, while also enabling efficient operation across diverse tasks, such as leveling, dozing, and backfilling



UPTIME & MAINTENANCE

- Ground-level daily service points eliminate the need to climb the machine, enhancing safety and convenience.
- Critical systems like engine, cooling, and fuel filters are designed for easy access and maintenance.
- The high-capacity air filter extends service intervals to 1000 hours.
- All engine oil filter replacement cycles are synchronized to minimize downtime and reduce maintenance frequency.



915F$_{CR}$ SPECIFICATIONS

Operating weight	15,400 - 17,300 kg
Operating weight includes coolant, lubricants, full fuel tank, cab, standard shoes, boom, arm, bucket and operator 75 kg.	
Bucket capacity	0.55 - 0.65 m³

ENGINE

Description	
Cummins EU Stage V, turbocharged, 4 cylinder, 4 stroke, water cooled.	
Emission rating	EU Stage V
Engine manufacturer	Cummins
Engine model	F3.8
Aspiration	Turbocharged
Charged air cooling	Aftercooler
Cooling fan drive	Direct
Displacement	3.8 L
Engine output - net (SAE J1349 / ISO 9249)	84.5 kW @ 2,200 rpm
Engine output - rated (SAE J1995 / ISO 14396)	90 kW @ 2,200 rpm
Maximum torque	500 N·m @ 1,500 rpm
Bore × Stroke	102 × 115 mm

UNDERCARRIAGE

Track shoe each side	45
Link pitch	175 mm
Shoe width, triple grouser	500 mm
Bottom rollers each side	7
Top rollers each side	2

HYDRAULIC SYSTEM

Main pump	
Type	Two variable displacement
Maximum flow	2 × 117 L/min
Relief valve setting	
Implement	34.3 / 37 MPa
Travel circuit	34.3 MPa
Slew circuit	26.5 MPa
Pilot circuit	3.9 MPa
Hydraulic cylinders	
Boom Cylinder – Bore × Stroke	Φ105 × 1,000 mm
Army Cylinder – Bore×Stroke	Φ115 × 1,175 mm
Bucket Cylinder – Bore × Stroke	Φ115 × 1,120 mm

SWING SYSTEM

Description	
Planetary gear reduction driven by high torque axial piston motor, with oil disk brake. Swing parking brake resets within five seconds after swing pilot controls return to neutral.	
Swing speed	11.3 rpm
Swing torque	36,790 N·m

ELECTRIC SYSTEM

System Voltage	12
Batteries	24
Alternator	24 V - 70 A
Start motor	24 V - 4.8 kW

SERVICE CAPACITIES

Fuel tank	200 L
Engine oil	12 L
Final drive (each)	2.5 L
Swing drive	3 L
Cooling system	20 L
Hydraulic reservoir	100 L
Hydraulic system total	160 L
DEF tank	25 L

SOUND PERFORMANCE

Interior sound power level (ISO 6396)	72 dB(A)
Exterior sound power level (ISO 6395)	99 dB(A)

DRIVE AND BRAKES

Description	
Steering controlled by two hand levers with pedals.	
Max. travel speed	High: 4.9 km/h Low: 2.9 km/h
Gradeability	35°/70%
Max. drawbar pull	122 kN

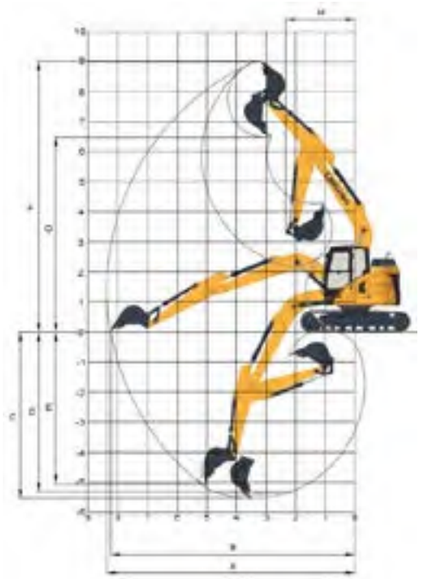


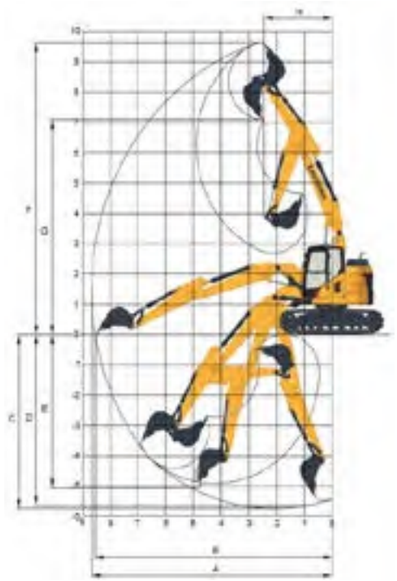
DIMENSIONSMONO BOOM	MONO BOOM		2-PIECE BOOM	
Boom	4,600 mm		5,050 mm	5,050 mm
Arm Options	2,500 mm	2,900 mm	2,500 mm	2,900 mm
A. Shipping Length	7,340 mm	7,296 mm	7,595 mm	7,570 mm
B. Shipping Height	3,005 mm	3,270 mm	3,115 mm	
C. Track Gauge	1,990 mm		1,990 mm	
D. Undercarriage Width - 500 mm shoes	2,490 mm		2,490 mm	
E. Length to Center of Rollers	3,010 mm		3,010 mm	
F. Track Length	3,745 mm		3,810 mm	
G. Overall Width of Upper Structure	2,490 mm		2,490 mm	
Overall Width of Upper Structure Including Cab Handrail	2,570 mm		2,570 mm	
Overall Width Including Rearview Mirror	2,790 mm		2,790 mm	
H. Tail Swing Radius	1,525 mm		1,525 mm	
I. Counterweight Ground Clearance	935 mm		935 mm	970 mm
J. Overall Height of Cab	2,885 mm		2,885 mm	2,920 mm
Overall Height of Cab Including Operator Protective Guard	3,005 mm	3,010 mm	3,005 mm	3,010 mm
K. Overall Height of Platform handrail	3,045 mm		3,045 mm	3,080 mm
L. Min. Ground Clearance	450 mm		450 mm	450 mm
M. Track Shoe Width	500 mm		500 mm	500 mm
N. Blade, max. lifting height	485 mm		485 mm	485 mm
O. Blade, max. digging depth	595 mm		595 mm	595 mm

MACHINE WEIGHTS & GROUND PRESSURE

Shoe width	MONO BOOM		2-PIECE BOOM	
	Operating weight	Ground pressure	Operating weight	Ground pressure
500 mm	15,400 kg	45.8 kPa	15,900 kg	47.3 kPa
600 mm	15,600 kg	38.7 kPa	16,100 kg	39.9 kPa
700 mm	15,800 kg	33.6 kPa	16,300 kg	34.6 kPa
500 mm rubber crawler pads	15,400 kg	45.6 kPa	15,900 kg	47.0 kPa

Operating weight, including 2,500 mm arm, 480 kg bucket, operator, lubricant, coolant, full fuel tank and the standard equipment. Additional weight with blade: +1,000 kg





WORKING RANGE		MONO BOOM		2-PIECE BOOM	
Boom Length		4,600 mm		5,050 mm	
Arm Options		2,500 mm	2,900 mm	2,500 mm	2,900 mm
A. Max. Digging Reach		8,365 mm	8,760 mm	8,670 mm	9,065 mm
B. Max. Digging Reach on Ground		8,240 mm	8,635 mm	8,535 mm	8,935 mm
C. Max. Digging Depth		5,540 mm	5,940 mm	5,745 mm	5,885 mm
D. Max. Digging Depth, 2.5 m level		5,325 mm	5,745 mm	5,630 mm	5,775 mm
E. Max. Vertical Wall Digging Depth		5,055 mm	5,445 mm	5,060 mm	5,220 mm
F. Max. Cutting Height		9,015 mm	9,315 mm	9,640 mm	9,995 mm
G. Max. Dumping Height		6,485 mm	6,785 mm	7,090 mm	7,450 mm
H. Min. Front Swing Radius		2,325 mm	2,430 mm	2,435 mm	2,600 mm
Bucket Digging Force (ISO)	Normal	89.8 kN	89.8 kN	89.8 kN	89.8 kN
	Power Boost	96.9 kN	96.9 kN	96.9 kN	96.9 kN
Arm Digging Force (ISO)	Normal	64.9 kN	58 kN	64.9 kN	64.9 kN
	Power Boost	70 kN	63.5 kN	70 kN	70 kN
Bucket Capacity (Standard)		0.55 m³	0.55 m³	0.55 m³	0.55 m³
Bucket Tip Radius		1,085 mm	1,085 mm	1,085 mm	1,085 mm



BOOM DIMENSIONS		
Boom	MONO BOOM	2-PIECE BOOM
A Length	4,800 mm	5,050 mm
B Height	1,500 mm	1,600 mm
C Width	750 mm	750 mm
Weight	1,170 kg	1,535 kg

Cylinder, piping and pin included. Boom cylinder pin excluded.

ARM DIMENSIONS		
Arm	2,500 mm	2,900 mm
A Length	3,300 mm	3,700 mm
B Height	650 mm	700 mm
C Width	450 mm	450 mm
Weight	640 kg	670 kg

Cylinder, linkage and pin included.

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.



Rating over-front (Cf)



Rating over-side (Cs)

1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.
4. Lifting capacities are based on machine standing on level, firm and uniform ground.
5. *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at all times.

LIFTING CAPACITY (METRIC)

915F$_{CR}$ with 500 mm Shoes, MONO BOOM, 2,500 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rating loads over front
Cs: Rating loads over side or 360°

Conditions

Boom length: 4,600 mm
Arm length: 2,500 mm
Shoes: 500 mm triple grouser shoes
Bucket: None
Counterweight: 3,500 kg
Blade: None



B/A (m)		1.5		3.0		4.5		6		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (**m**)
6	kg					*3,600	*3,600			*2,050	*2,050	5.4
4.5	kg					*3,800	*3,800	*3,350	2,500	*2,350	2,300	6.3
3	kg			*6,150	*6,150	*4,500	3,750	*3,800	2,450	*2,000	1,950	6.9
1.5	kg			*8,450	6,100	*5,350	3,500	3,900	2,350	*2,550	1,850	7.0
0	kg			*7,200	5,750	5,800	3,300	3,800	2,250	*2,400	1,850	6.9
-1.5	kg	*5,150	*5,150	*8,600	5,700	5,700	3,200	3,800	2,200	*2,800	2,050	6.4
-3	kg	**9,150	**9,150	*7,150	5,800	**4,900	*3,250			*3,750	2,600	5.4

LIFTING CAPACITY (METRIC)

915F$_{CR}$ with 500 mm Shoes, MONO BOOM, 2,900 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rating loads over front
Cs: Rating loads over side or 360°

Conditions

Boom length: 4,600 mm
Arm length: 2,900 mm
Shoes: 500 mm triple grouser shoes
Bucket: None
Counterweight: 3,500 kg
Blade: None



B/A (m)		1.5		3.0		4.5		6		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (**m**)
6	kg					*3,200	*3,200			*1,700	*1,700	5.9
4.5	kg					*3,450	*3,450	*3,350	2,550	*1,650	*1,650	6.8
3	kg			*5,400	*5,400	*4,150	3,800	*3,600	2,450	*1,600	*1,600	7.3
1.5	kg			*7,900	6,250	*5,100	3,500	3,950	2,350	*2,000	1,750	7.4
0	kg			*7,800	5,800	*5,750	3,300	3,800	2,250	*1,950	1,700	7.3
-1.5	kg	*4,700	*4,700	*8,850	5,650	5,700	3,200	3,750	*2,200	*2,400	1,900	6.8
-3	kg	*7,900	*7,900	*7,650	5,750	*5,250	3,200			*3,250	2,250	5.9
-4.5	kg			*5,050	*5,050					*3,100	*3,100	4.4

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.


Rating over-front (Cf)


Rating over-side (Cs)

1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.
4. Lifting capacities are based on machine standing on level, firm and uniform ground.
5. *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at all times.

LIFTING CAPACITY (METRIC)

915F$_{CR}$ with 500 mm Shoes, MONO BOOM, 2,500 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rating loads over front
Cs: Rating loads over side or 360°

Conditions

Boom length: 4,600 mm
Arm length: 2,500 mm
Shoes: 500 mm triple grouser shoes
Bucket: None
Counterweight: 3,500 kg
Blade: YES



Blade Down

B/A (m)		1.5		3.0		4.5		6		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6	kg					*3,600	*3,600			*2,050	*2,050	5.4
4.5	kg					*3,800	*3,800	*3,350	2,450	*2,350	2,250	6.3
3	kg			*6,150	*6,150	*4,500	3,650	*3,800	2,400	*2,000	1,900	6.9
1.5	kg			*8,450	6,000	*5,350	3,400	*4,150	2,300	*2,550	1,850	7.0
0	kg			*7,200	5,650	*5,850	3,200	*4,350	2,200	*2,400	1,850	6.9
-1.5	kg	*5,150	*5,150	*8,600	5,600	*5,800	3,150	*4,200	*2,150	*2,800	2,000	6.4
-3	kg	*9,150	*9,150	*7,150	*5,700	*4,900	3,200			*3,750	*2,550	5.4

Blade Up

B/A (m)		1.5		3.0		4.5		6		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6	kg					*3,600	*3,600			*2,050	*2,050	5.4
4.5	kg					*3,800	*3,800	*3,350	2,450	*2,350	2,250	6.3
3	kg			*6,150	*6,150	*4,500	3,650	*3,800	2,400	*2,000	1,900	6.9
1.5	kg			*8,450	6,000	*5,350	3,400	3,950	2,300	*2,550	1,850	7.0
0	kg			*7,200	5,650	5,850	3,200	3,850	2,200	*2,400	1,850	6.9
-1.5	kg	*5,150	*5,150	*8,600	5,600	5,750	3,150	3,800	*2,150	*2,800	2,000	6.4
-3	kg	*9,150	*9,150	*7,150	*5,700	*4,900	3,200			*3,750	*2,550	5.4

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.


Rating over-front (Cf)


Rating over-side (Cs)

1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.
4. Lifting capacities are based on machine standing on level, firm and uniform ground.
5. *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at all times.

LIFTING CAPACITY (METRIC)

915F$_{CR}$ with 500 mm Shoes, MONO BOOM, 2,900 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rating loads over front
Cs: Rating loads over side or 360°

Conditions

Boom length: 4,600 mm
Arm length: 2,900 mm
Shoes: 500 mm triple grouser shoes
Bucket: None
Counterweight: 3,500 kg
Blade: YES



Blade Down

B/A (m)		1.5		3.0		4.5		6		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6	kg					*3,200	*3,200			*1,700	*1,700	5.9
4.5	kg					*3,450	*3,450	*3,350	2,500	*1,650	*1,650	6.8
3	kg			*5,400	*5,400	*4,150	3,750	*3,600	2,450	*1,600	*1,600	7.3
1.5	kg			*7,900	6,150	*5,100	3,450	*4,000	2,300	*2,000	1,700	7.4
0	kg			*7,800	5,650	*5,750	3,250	*4,300	2,200	*1,950	1,700	7.3
-1.5	kg	*4,700	*4,700	*8,850	5,550	*5,850	3,150	*4,250	*2,150	*2,400	1,850	6.8
-3	kg	*7,900	*7,900	*7,650	5,600	*5,250	3,150			*3,250	2,250	5.9
-4.5	kg			*5,050	*5,050					*3,100	*3,100	4.4

Blade Up

B/A (m)		1.5		3.0		4.5		6		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6	kg					*3,200	*3,200			*1,700	*1,700	5.9
4.5	kg					*3,450	*3,450	*3,350	2,500	*1,650	*1,650	6.8
3	kg			*5,400	*5,400	*4,150	3,750	*3,600	2,450	*1,600	*1,600	7.3
1.5	kg			*7,900	6,150	*5,100	3,450	3,950	2,300	*2,000	1,700	7.4
0	kg			*7,800	5,650	*5,750	3,250	3,850	2,200	*1,950	1,700	7.3
-1.5	kg	*4,700	*4,700	*8,850	5,550	5,750	3,150	3,800	*2,150	*2,400	1,850	6.8
-3	kg	*7,900	*7,900	*7,650	5,600	*5,250	3,150			*3,250	2,250	5.9
-4.5	kg			*5,050	*5,050					*3,100	*3,100	4.4

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.



Rating over-front (Cf)



Rating over-side (Cs)

1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.
4. Lifting capacities are based on machine standing on level, firm and uniform ground.
5. *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at all times.

LIFTING CAPACITY (METRIC)

915F$_{CR}$ with 500 mm Shoes, 2-PIECE BOOM, 2,500 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rating loads over front
Cs: Rating loads over side or 360°

Conditions

Boom length: 5,050 mm
Arm length: 2,500 mm
Shoes: 500 mm triple grouser shoes
Bucket: None
Counterweight: 3,500 kg
Blade: None



B/A (m)		1.5		3.0		4.5		6		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6	kg					*3,650	*3,650			*2,050	*2,050	5.8
4.5	kg			*4,200	*4,200	*3,900	*3,900	*3,500	2,450	*2,050	2,050	6.7
3	kg			*6,550	*6,550	*4,550	3,650	*3,750	2,400	*2,050	1,750	7.2
1.5	kg					*5,300	3,350	3,850	2,250	*2,600	1,700	7.3
0	kg			*5,000	*5,000	*5,650	3,150	3,750	2,150	*2,450	1,700	7.2
-1.5	kg			*7,900	5,450	*5,450	3,050	3,700	*2,100	*3,000	1,850	6.7
-3	kg			*6,400	*5,600	*4,600	3,100			*3,100	*2,300	5.8

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.



Rating over-front (Cf)



Rating over-side (Cs)

1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.
4. Lifting capacities are based on machine standing on level, firm and uniform ground.
5. *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at all times.

LIFTING CAPACITY (METRIC)

915F$_{CR}$ with 500 mm Shoes, 2-PIECE BOOM, 2,500 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rating loads over front
Cs: Rating loads over side or 360°

Conditions

Boom length: 5,050 mm
Arm length: 2,500 mm
Shoes: 500 mm triple grouser shoes
Bucket: None
Counterweight: 3,500 kg
Blade: YES



Blade Down

B/A (m)		1.5		3.0		4.5		6		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6	kg					*3,650	*3,650			*2,050	*2,050	5.8
4.5	kg			*4,200	*4,200	*3,900	3,850	*3,500	2,450	*2,050	2,000	6.7
3	kg			*6,550	*6,550	*4,550	3,600	*3,750	2,350	*2,050	1,750	7.2
1.5	kg					*5,300	3,250	*4,000	2,200	*2,600	1,650	7.3
0	kg			*5,000	*5,000	*5,650	3,050	*4,200	2,100	*2,450	1,650	7.2
-1.5	kg			*7,900	5,350	*5,450	3,000	*4,000	*2,050	*3,000	1,800	6.7
-3	kg			*6,400	*5,500	*4,600	3,050			*3,100	*2,250	5.8

Blade Up

B/A (m)		1.5		3.0		4.5		6		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6	kg					*3,650	*3,650			*2,050	*2,050	5.8
4.5	kg			*4,200	*4,200	*3,900	3,850	*3,500	2,450	*2,050	2,000	6.7
3	kg			*6,550	*6,550	*4,550	3,600	*3,750	2,350	*2,050	1,750	7.2
1.5	kg					*5,300	3,250	3,900	2,200	*2,600	1,650	7.3
0	kg			*5,000	*5,000	*5,650	3,050	3,750	2,100	*2,450	1,650	7.2
-1.5	kg			*7,900	5,350	*5,450	3,000	3,750	*2,050	*3,000	1,800	6.7
-3	kg			*6,400	*5,500	*4,600	3,050			*3,100	*2,250	5.8

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.



Rating over-front (Cf)



Rating over-side (Cs)

1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.
4. Lifting capacities are based on machine standing on level, firm and uniform ground.
5. *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at all times.

LIFTING CAPACITY (METRIC)

915F$_{CR}$ with 500 mm Shoes, 2-PIECE BOOM, 2,900 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rating loads over front
Cs: Rating loads over side or 360°

Conditions

Boom length: 5,050 mm
Arm length: 2,900 mm
Shoes: 500 mm triple grouser shoes
Bucket: None
Counterweight: 3,500 kg
Blade: None



B/A (m)		1.5		3.0		4.5		6		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6	kg					*3,400	*3,400	*2,700	2,500	*1,800	*1,800	6.3
4.5	kg					*3,700	*3,700	*3,350	2,500	*1,950	1,850	7.1
3	kg			*6,100	*6,100	*4,440	3,650	*3,650	2,400	*1,750	*1,600	7.6
1.5	kg					*5,200	3,350	3,900	2,250	*2,100	1,550	7.7
0	kg			*5,550	5,400	*5,650	3,100	3,800	2,100	*1,950	1,550	7.6
-1.5	kg			*7,800	5,300	*5,600	3,000	3,700	2,050	*2,550	1,650	7.1
-3	kg			*6,950	*5,400	*4,900	3,000	*3,350	2,050	*2,600	*1,950	6.3

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.



Rating over-front (Cf)



Rating over-side (Cs)

1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.
4. Lifting capacities are based on machine standing on level, firm and uniform ground.
5. *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at all times.

LIFTING CAPACITY (METRIC)

915F$_{CR}$ with 500 mm Shoes, 2-PIECE BOOM, 2,900 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rating loads over front
Cs: Rating loads over side or 360°

Conditions

Boom length: 5,050 mm
Arm length: 2,900 mm
Shoes: 500 mm triple grouser shoes
Bucket: None
Counterweight: 3,500 kg
Blade: YES



Blade Down

B/A (m)		1.5		3.0		4.5		6		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6	kg					*3,400	*3,400	*2,700	2,500	*1,800	*1,800	6.3
4.5	kg					*3,700	*3,700	*3,350	2,500	*1,950	1,850	7.1
3	kg			*6,100	*6,100	*4,400	3,650	*3,650	2,400	*1,750	1,600	7.6
1.5	kg					*5,200	3,350	*4,000	2,250	*2,100	1,550	7.7
0	kg			*5,550	5,400	*5,650	3,100	*4,200	2,100	*1,950	1,550	7.6
-1.5	kg			*7,800	5,300	*5,600	3,000	*4,100	2,050	*2,550	1,650	7.1
-3	kg			*6,950	5,400	*4,900	3,000	*3,350	2,050	*2,600	1,950	6.3

Blade Up

B/A (m)		1.5		3.0		4.5		6		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6	kg					*3,400	*3,400	*2,700	2,500	*1,800	*1,800	6.3
4.5	kg					*3,700	*3,700	*3,350	2,500	*1,950	1,850	7.1
3	kg			*6,100	*6,100	*4,400	3,650	*3,650	2,400	*1,750	1,600	7.6
1.5	kg					*5,200	3,350	3,900	2,250	*2,100	1,550	7.7
0	kg			*5,550	5,400	*5,650	3,100	3,800	2,100	*1,950	1,550	7.6
-1.5	kg			*7,800	5,300	*5,800	3,000	3,700	2,050	*2,550	1,650	7.1
-3	kg			*6,950	5,400	*4,900	3,000	*3,350	2,050	*2,600	1,950	6.3

STANDARD EQUIPMENT

ENGINE
Cummins F3.8 engine, EPA Tier 4F/EU Stage V, turbocharged, 6-cylinder, 4-stroke, water- cooled
Electric refueling pump with auto shutoff

HYDRAULIC SYSTEM
Dual-way auxiliary circuit via electronic proportional joystick control
On-screen auxiliary line switching, one-way or two-way
Pressure adjustable quick coupler line

OPERATOR STATION
ROPS certified cab
10 inch high resolution touch screen
Heating and cooling air conditioning
Fire extinguisher
Heated and ventilated suspension seat with 3 inch red retractable seatbelt
Tilting pod
Sun visor
12 V power outlet
DAB radio

ELECTRICAL
Warnings: low engine oil pressure, low fuel level, air filter clog, machine overheat, and maintenance reminder
Parallel wiper
4 LED lights on the boom
2 LED lights on the counterweight
4 LED lights front and 2 LED lights on the rear of the cab
LED light bars on the front and rear of the cab
360-degree cameras with side lighting
Rotating beacon
Travel alarm
Swing alarm
Overload warning
Quick coupler on warning
T-BOX

UPPER STRUCTURE
Guardrails
Left-hand side rear-view mirror
Right-hand side rear-view mirror
Standard under covers
3,500 kg counterweight

UNDERCARRIAGE
Rollers, top - 2 each side
Rollers, bottom - 7 each side
500 mm track-shoes with triple grousers
Track chain, 3 each side

BOOM & ARM
4,600 mm boom
2,500 mm arm
Boom & arm load holding valves

OPTIONAL EQUIPMENT

HYDRAULIC SYSTEM
Boom float function

DEMOLITION SPEC
Reinforced undercovers
LED light bars on the front and rear of the cab
Operation protection guard (includes cab front and top guard, bar)
Bucket cylinder guard
Platform side guard

UPPERSTRUCTURE
Upper frame guard

UNDERCARRIAGE
600 mm track shoes, triple grouser
700 mm track shoes, triple grouser

SERVICE & MAINTENANCE
Long-life hydraulic oil (change interval 5,000 hours)
Centralized lubrication system

BOOM & ARM
2-piece boom
2,900 mm arm

ATTACHMENT
0.55 m³ genereal purpose bucket
0.6 m³ genereal purpose bucket
0.65 m³ genereal purpose bucket
Dozer blade with float function
Dozer blade w/o float function
Hydraulic quick coupler


LiuGong
915FCR

LIUGONG

TOUGH WORLD. TOUGH EQUIPMENT.

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LiuGong

922F/924F DM EXCAVATOR

ALL NEW F-SERIES

Engine	Cummins B6.7
Gross Power	116 kW
Operating Weight	22,800 kg
Bucket Capacity	0.45-1.4 m^3



TOUGH WORLD. TOUGH EQUIPMENT.

“THE BEST MACHINES ARE DESIGNED FOR BALANCE, NOT COMPROMISE...”



YOUR PERFORMANCE DASHBOARD

Research tells us that 6 key performance areas really matter to you. We’d like to use this performance dashboard to present the real, tough facts about our **all New 922F & 924F DM.**

- TOUGHNESS & DURABILITY
- POWER & EFFICIENCY
- INTELLIGENCE & CONTROL
- COMFORT & ERGONOMICS
- SAFETY & VISIBILITY
- UPTIME & MAINTENANCE

With the All New 922F we’ve built a machine which matches your performance criteria exactly. No compromises, just everything you need. It’s not rocket science, it’s just customer focus matched with intelligent design.

CUSTOMER DRIVEN DESIGN...

Our customers don’t like compromise, nor do we. That’s why we do our homework before we start the design process to really understand how our machines are actually owned and operated.

This insight allows us to perfectly balance, the demands of the machine owner and the machine operator but without compromise.

reddot design award

RED DOT AWARD-WINNING DESIGN

Our UK design team were recently recognized with a prestigious Red Dot Award for our new 4180D motor grader recognising its innovation and excellence in product design.

HERE'S THE BIG PICTURE...

ALL NEW F SERIES

922F & 924F DM EXCAVATOR

POWER & EFFICIENCY

NEW

- 3 new power modes - Power, Standard and Eco

IMPROVED

- Cummins VGT technology engine delivers 5% more torque
- 6 electronic fans, reduce power consumption by 60%

TOUGHNESS & DURABILITY

NEW

- Extra tough chassis - reduces stress by 10%

IMPROVED

- Extra strong boom & arm - reduces stress by 30%
- 100% flaw detection

INTELLIGENCE & CONTROL

NEW

- Electro-hydraulic control technology
- Boom float technology
- Attachment flow and pressure control



SAFETY & VISIBILITY

NEW

- 360 degree camera
- Ground level daily inspection

IMPROVED

- Anti-slip tread plates and fold down guard rails

UPTIME & MAINTENANCE

IMPROVED

- 1000h air filter cycle
- Component wear reduced by 70%
- Reduced fuel filters from 3 - 2, for lower TCO

COMFORT & ERGONOMICS

NEW

- F-Series Ergonomic cab design
- Intuitive operator interfaces & control

IMPROVED

- Quiet (68dBA) and clean (pressurised environment)

NOW FOR THE DETAIL...

“NO MATTER WHAT YOU DO, YOU’VE GOT TO TRUST YOUR MACHINE 100%”



TOUGHNESS AND DURABILITY

DESIGNED TO WORK HARDER, FOR LONGER...

To build machines that can withstand the hardest conditions takes intelligent design, and attention to detail. We know that a machine is only as strong as its weakest point, so every weld, every joint, every component is scrutinized to ensure it passes our rigorous durability tests. **Here's the proof.**

TOUGHNESS AND DURABILITY

1. STRONGER CHASSIS

Our X-shaped undercarriage delivers optimal structural integrity and reduces stress and deflection by **10%**.

2. EXTRA PROTECTION

Deeper side beams provide higher impact resistance and make it quicker and easier to add additional impact plates if required.

3. EXTRA VIGILANCE

100% flaw detection ensures every weld is checked to meet our stringent standards.

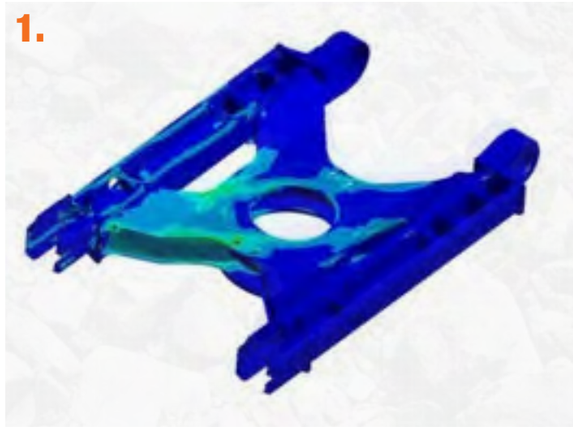
4. INCREASED DURABILITY

Choose from our range of performance and durability enhancing extras such as our easy to fit demolition guards and heavy duty counter-weight.

5. TOUGHER BOOM AND ARM

Finite element analysis proves the load efficiency and toughness of our boom and arm, but we go further to reduce stress by **35%**.

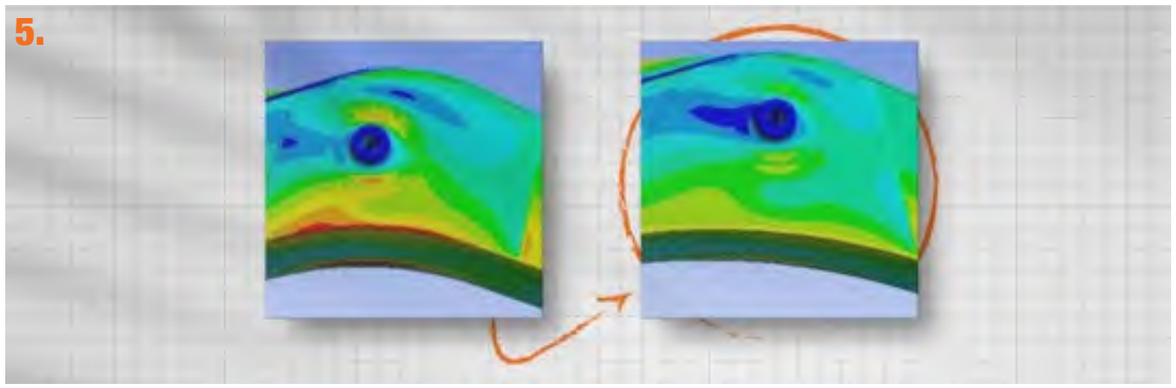
- Front and rear supports are cast, reducing welds and increasing torsional resistance
- Central ram pivot is forged to reduce stress
- EH hydraulic system reduces hoses and potential leak paths improving long-term performance











PERFORMANCE STATISTICS

1. **10%** STRESS & DEFLECTION REDUCTION

2. DEEPER SIDE BEAMS

3. **100%** FLAW DETECTION

5. **35%** STRESS REDUCTION

TOUGHNESS IS WHAT WE DO...

With over **50,000** excavators already working in the world's toughest environments, you can trust out machines to keep working harder - for longer.



“WHY CHOOSE BETWEEN POWER AND EFFICIENCY WHEN YOU CAN HAVE BOTH?”



POWER AND EFFICIENCY

DESIGNED TO MOVE MORE, FOR LESS...

There's no need to compromise digging performance to get the highest fuel efficiency because the all New 922F gives you both. With greater torque and more power at lower engine speeds you get the power you want and the fuel efficiency you need.

POWER AND EFFICIENCY

1. MORE REAL POWER

With VGT technology, the 6.7L, six-cylinder Cummins engine delivers 5% extra torque compared to high torque at low engine speeds. VGT enables the engine to maximize its power output whilst creating less noise and using less fuel.

2. SAVE EVERY DROP OF FUEL

Engine Auto Idle and Auto Shutdown make every single drop of fuel count. Reducing unproductive fuel saves you money and helps protect the environment.

3. EXCEED YOUR EXPECTATIONS

When it comes to efficiency, the 922F is smarter than you'd think. Feed Forward control technology matches the engine's speed to the operator's command and predicted load to deliver even greater fuel economy.

5. MOVE MORE FOR LESS

We are always improving our performance, with fuel consumption reduced by 20% and efficiency increased by 10% compared to the 922E, we have delivered on that promise.

4. ELECTRICAL CONTROLLED FANS

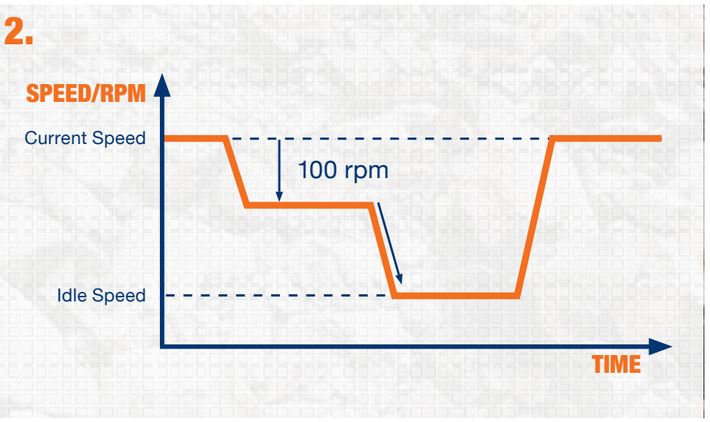
Divided into 3 groups for independent control, our intelligent fans automatically adjust to match the hydraulic oil and coolant temperature, and the requirements of the air conditioning condenser. The results are impressive.

- Maximum air volume is increased by 4%
- Maximum power consumption is reduced by 60%

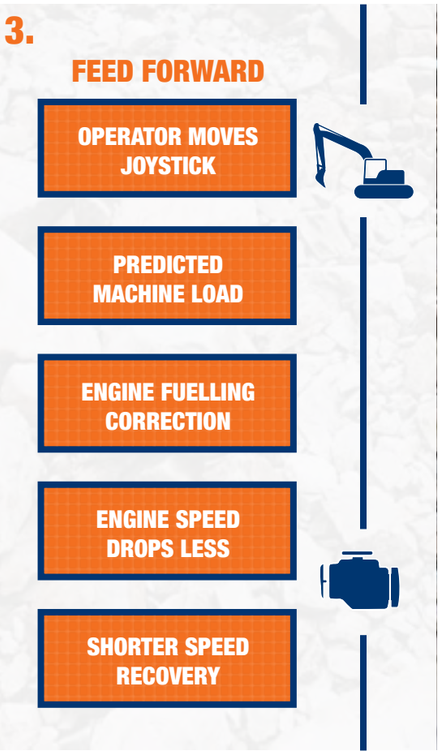
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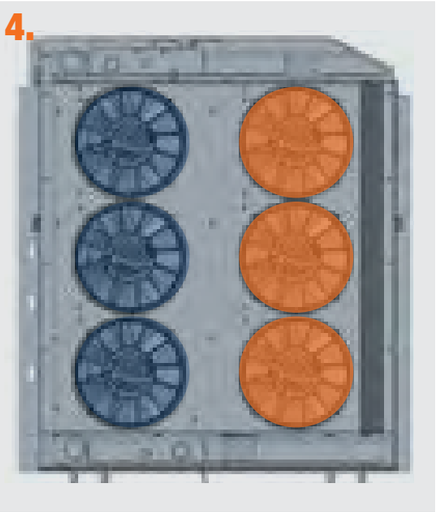
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4.



PERFORMANCE STATISTICS

1. +5% EXTRA TORQUE

5. -20% REDUCED FUEL FUEL CONSUMPTION

5. +10% INCREASE IN EFFICIENCY

WHY COMPROMISE?

The all New 922F let's you do more, for less cost, and with less environmental impact, don't settle for anything less.



“TOUGH MACHINES CAN BE INTELLIGENT TOO”



DESIGNED TO WORK SMARTER

Smart operators choose smart machines because they know their job is tough enough. When it comes to intelligence and control the all New 922F may surprise you as it's packed with smart features to make life easier.

INTELLIGENCE AND CONTROL

1. CHOOSE YOUR MODE

With a choice of 3 Integrated Work Modes each designed to match the engine speed, pump flow and system pressure to your chosen application, it's easy to find the perfect balance of performance and economy.

2. ELECTRO-HYDRAULIC CONTROL

The state-of-the-art full electro-hydraulic system from Kawasaki provides lightening fast signals between the joysticks, pumps and valve blocks to deliver pin point precision and maximize available engine power.

3. USE OUR BRAINS

With a suite of Smart functions at your fingertips you can control your attachment properties from the comfort of your cab. It's easy:

- Adjustable flow control
- Adjustable pressure control
- 10 attachment settings

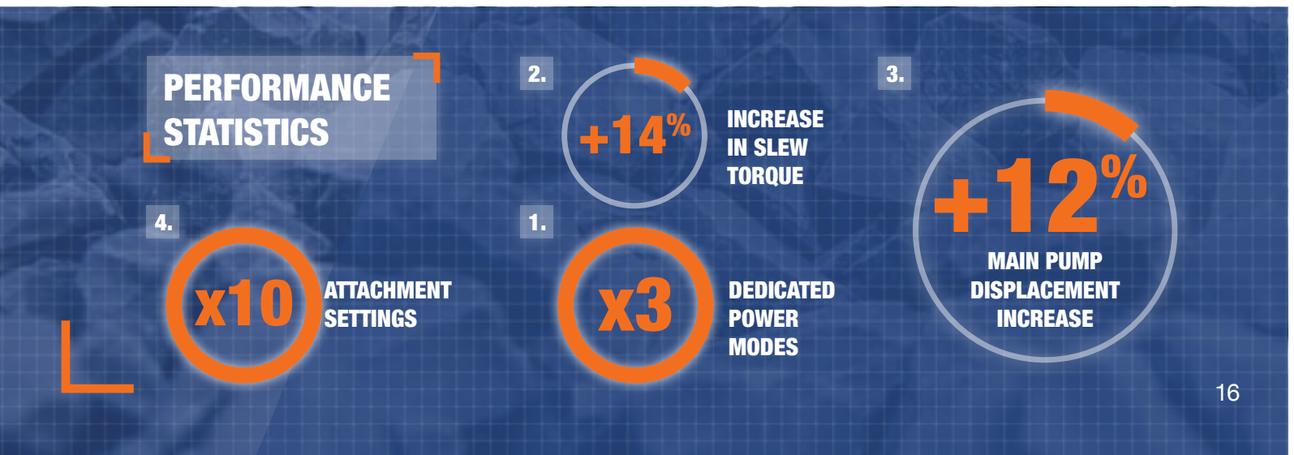
4. LARGER HYDRAULIC PUMP

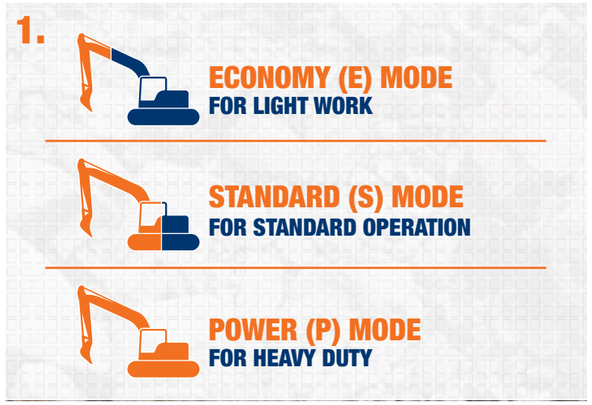
The electronically controlled main pump displacement has increased by 12% to 130 cc. The larger pump can deliver more torque at lower engine speed compared to E Series.

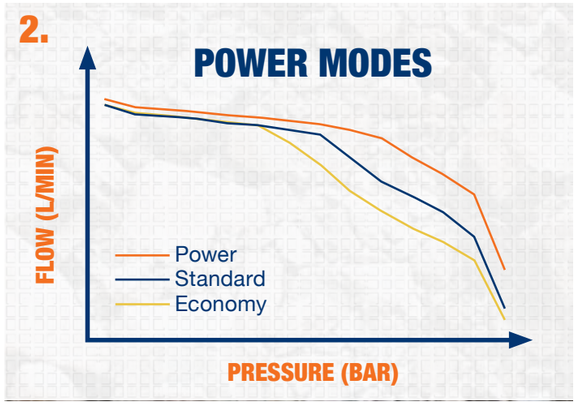
5. WORK SMARTER WITH BOOM FLOAT

Improves performance and prolongs tool life by preventing excessive pressure during braking applications.

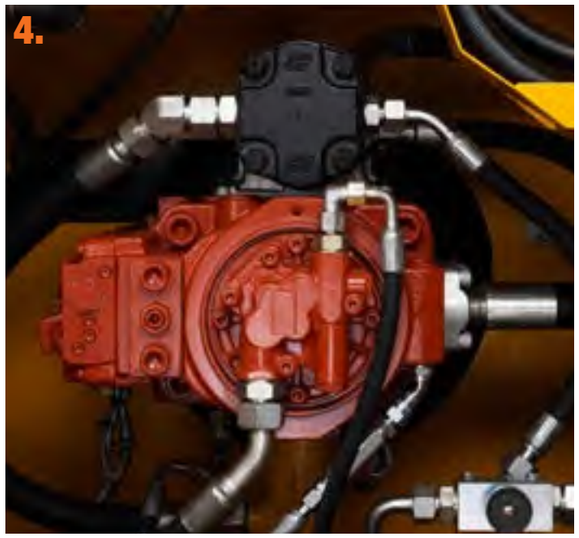
Perfect for smooth levelling and deep excavation work, this smart function reduces fuel consumption by allowing the boom to fall under its own mass.













SMART IDEAS IN ACTION

The all New 922F has the perfect balance of toughness and intelligence designed to keep you in control.

“TOUGH DAYS GO FASTER WHEN YOU’RE WORKING IN COMFORT”



COMFORT AND ERGONOMICS

DESIGNED AROUND THE OPERATOR

Climb into the spacious cab and you'll know that it has been designed by a team that really knows what its like to be an operator. Talking, listening and observing operators, our design team spend almost as much time in the cab as they do with the CAD. The result? One of the most ergonomic and comfortable cabs you can get.

COMFORT AND ERGONOMICS

1. PERFECT CONTROL

- From the ergonomically positioned non-slip pedals to the multi-functional joysticks, the cab interior represents a masterclass in design.
- Every action and movement requires the minimum of effort from the operator.
- Boom float, travel speed and proportional auxiliary controls are customizable and finger tip controlled - you can even mute your music!

2. YOUR CHOICE OF SEAT

Every operator is different, so we offer a range of seats and joystick configurations to suit everyone.

- Mechanical suspension standard seat
- Comfort level, air suspension seat with adjustable lumbar support.
- Luxury level, heated air suspension seat with adjustable lumbar and premium padding.

3. INTUITIVE INTERFACE

We've designed the operator interface to be even more intuitive and easy to use. The large 8-inch LCD colour screen can be controlled via touchscreen or by a fingertip navigational control dial conveniently sited in the armrest control panel.

2. MAKE IT YOUR PLACE

We never forget that a machine is not just a tool, it's your place for many hours a day (and night). So, we've remembered all the little things that make it feel like home.

- Cool box for food & drinks
- Large storage box and rack
- Drinks holder
- Phone holder with 12V charging, USB and AUX ports

2. IT'S SO QUIET

The NVH design reduces wind resistance and noise. Compared with traditional direct-drive fans our new electronic fans are quieter by 9%. The external radiated noise of the machine is best in class at 68dB.







PERFECTLY MATCHED TO YOU

The all New 922F gives you the operating environment you would design for yourself.

TICKS ALL THE RIGHT BOXES

- ☑ INTUITIVE LCD OPERATOR CONSOLE
- ☑ ERGONOMIC LAYOUT
- ☑ FULLY PRESSURIZED (100PA)
- ☑ ADVANCE AIR-CON AND TEMPERATURE CONTROL
- ☑ ENHANCED VISIBILITY
- ☑ HIGH COMFORT, FULLY ADJUSTABLE SEAT
- ☑ CUSTOMIZABLE OPERATING HANDLE
- ☑ LOW NOISE AND LOW VIBRATION

“WE CONSTANTLY ASK... HOW CAN WE MAKE OUR MACHINES EVEN SAFER”



SAFETY AND VISIBILITY

SAFER ALL-ROUND ACCESS

Being protected in the cab is important, but accident research shows us that most accidents occur outside of the machine. We've taken the challenge to make our machines even safer to be around.

SAFETY AND VISIBILITY

1. MORE PROTECTION WHERE YOU NEED IT

The driver protection system delivers even greater protection to the front and top of the cab and protects the operator from falling rocks and debris. The front screen has a hinge design making cleaning and maintenance easier.

2. WATCH YOUR STEP

- The new 0.5m wide stepped boarding channel with non-slip treadplates makes getting on and off the machine safer
- The engine compartment features a gripped access platform.
- Optional guard rails or integral fences on the left and right sides of the upper platform increase safety and can be folded down for easy transportation.

3. EMERGENCY STOP

The ground level emergency stop switch is fitted as standard.

4. BE SAFE. BE SEEN

LED work light for better night visibility is fitted as standard.

5. SEE THE WHOLE SITE

Our cab design provides the operator with the very best view of the site, from every angle. Smart design ideas such as integrating the steps into the line of the cabin, improve visibility on the right hand side giving a 180 degree view.

6. SAFER MAINTENANCE ACCESS

No need to climb on the machine, all the daily maintenance points, including the oil level check point are easily accessible from the ground.

7. NO BLIND SPOTS

With 360 degree camera as standard in Europe, you can get an uninterrupted panoramic view around the machine at all angles from the large LCD screen.

BETTER BY DESIGN

LiuGong's Red Dot Award winning design* team is rapidly building a reputation for un-matched visibility. When you can see more you can do more, whilst protecting yourself and people around the machine.

With the All New 922F we've pushed the barriers and taken visibility another step forward.

*4180D Motorgrader

reddot design award

















YOUR SAFETY - OUR PRIORITY

The all New 922F has the perfect balance toughness and intelligence designed to keep you in control.

“CAN DAILY MAINTENANCE REALLY BE AS SIMPLE AS THIS?”



EASY TO OWN AND EASY TO MAINTAIN

We understand that when your machine's not working, it's not earning. To maximize your productive hours, we've made the All New 922F even easier to maintain, helping you make every productive second count.

MAINTENANCE AND UPTIME

1. FULLY SYNCHRONIZED MAINTENANCE

Maintenance should be simple so to save you time, all engine oil filter replacement cycles have been synchronized.

2. SPACE FOR YOUR KIT

We've increased the storage space behind the cab and added a segregating tray to create a useful space for your maintenance kit such as grease guns and lifting equipment.

3. NO RISK - LOW LEVEL ACCESS

Convenience and safety should never be compromised.

- The easy to access optional re-fuelling pump is safely stowed behind the bay door.
- All filters are located close to the bay doors for safe access and speedy maintenance.
- Low level access to DEF tank reduces the need to climb up onto the upper structure.

4. MAKING IT FASTER EVERYDAY

By grouping the greasing points together on the boom base, top of the dipper and slew bearing we make daily maintenance faster and easier. Optional automatic lubrication pipeline gives you easy access to all the lubrication points in one place, saving you even more time on daily maintenance.

5. 1000H MAINTENANCE CYCLE

Our red-designed air filter with large ash capacity now has a 1000-hour maintenance cycle – that's one job less to think about.

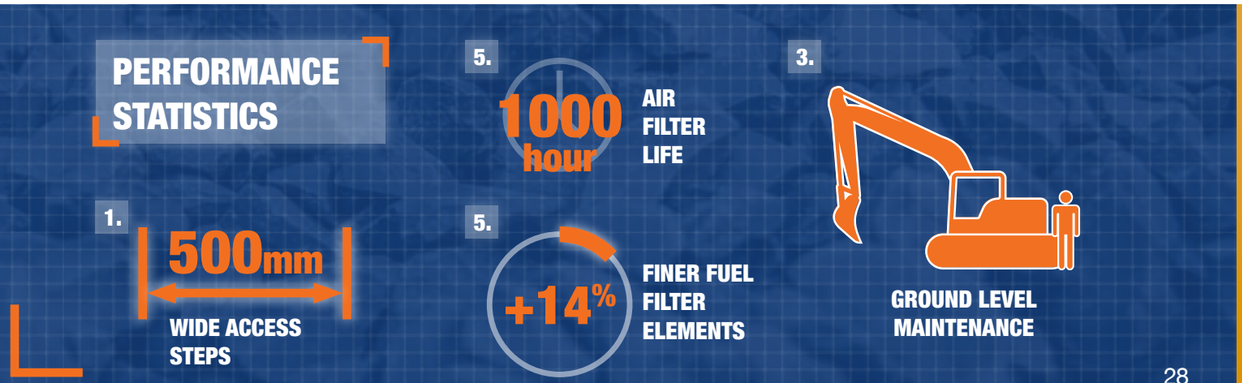














SPECIFICATIONS

Operating weight	**922F - 22,800 kg** **922FN - 22,700 kg** **924FDM - 24,600 kg** **922FLL - 24,000 kg**
Operating weight includes coolant, lubricants, full fuel tank, cab, standard Shoes, boom, arm, bucket and operator 75kg (165 lbs).	
Bucket capacity	0.45 - 1.4 m³

ENGINE

Description	
Cummins EU Stage V / EPA Tier 4 final, 6-cylinder straight Variable-Geometry Turbocharger (VGT), high pressure common rail, electronically controlled direct injection. Air cleaner: Cummins direct flow air filter. Cooling system: Air-to-air intercooler	
Emission rating	EU Stage V / EPA Tier 4 final,
Engine manufacturer	Cummins
Engine model	B6.7
Aspiration	Variable-Geometry Turbocharger (VGT)
Charged air cooling	Aftercooler
Cooling fan drive	Electric motor
Displacement	6.7 L (6,700 cm³) 1.8 gal (409 In³)
Rated speed	2,200 rpm
Engine output - net (SAE J1349 / ISO 9249)	116 kW (156 hp)
Engine output - gross (SAE J1995 / ISO 14396)	116 kW (156 hp)
Maximum torque	746 N·m @ 1,300 rpm (550 lbf·ft @ 1,300 rpm)
Bore × Stroke	107 × 124 mm (4.2'' x 4.9'' in)

UNDERCARRIAGE

Track shoe each side	49
Link pitch	190 mm (7.5")
Shoe width, triple grouser	600/700/800/900 mm (24" / 28" / 32" / 35")
Bottom rollers each side	8
Top rollers each side	2

SWING SYSTEM

Description	
Planetary gear reduction driven by high torque axial piston motor, with oil disk brake. Swing parking brake resets within five seconds after swing pilot controls return to neutral.	
Swing speed	10.5 rpm
Swing torque	78,200 N·m (57,680 lbf·ft)

HYDRAULIC SYSTEM

Main pump	
Type	Two variable displacement piston pumps
Maximum flow	2 × 214.5 L/min (2×57 gal/ml)
Pilot pump	
Type	Gear pump
Maximum flow	16.5 L/min (4 gal/mi)
Relief valve setting	
Implement	34.3/37.3 MPa (4,973 / 5,408 psi)
Travel circuit	34.3 MPa (4,974 psi)
Slew circuit	27.6 MPa (4,002 psi)
Pilot circuit	3.9 MPa (566 psi)
Hydraulic cylinders	
Boom Cylinder – Bore × Stroke	Φ120 × 1,320 mm (Φ4.7"×4'4" ft/in)
Arm Cylinder – Bore × Stroke	Φ135 ×1,490 mm (Φ5.3"×5'4" ft/in)
Bucket Cylinder – Bore × Stroke	922F/922FN/924FDM Φ115 × 1,120 mm (Φ4.5"×3'6" ft/in) 922FLL Φ95 × 885 mm (Φ4"×2'11" ft/in)

ELECTRIC SYSTEM

System Voltage	24 V
Batteries	2 x 12 V
Alternator	24 V - 180 A
Starter motor	24 V - 7.8 kW (24 V - 10 hp)

SERVICE CAPACITIES

Fuel tank	400 L (105.7 gal)
Engine oil	25 L (6.6 gal)
Final drive (each)	5.5 L (1.5 gal)
Swing drive	3.4 L (0.9 gal)
Cooling system	25 L (6.6 gal)
Hydraulic reservoir	133 L (35 gal)
Hydraulic system total	245 L (65 gal)
DEF Tank	44 L (11.6 gal)

SOUND PERFORMANCE

Interior Sound Power Level (ISO 6396)	68 dB(A)
Exterior Sound Power Level (ISO 6395)	99 dB(A)

DRIVE AND BRAKES

Description	
2-speed axial piston motors with oil disk brakes. Steering controlled by two hand levers with pedals.	
Max. travel speed	High: 5.6 km/h (3.5 mph) Low: 3.3 km/h (2.0 mph)
Gradeability	35°/70%
Max. drawbar pull	220 kN (49,458 lbs)

LiuGong standard and optional equipment may vary from region to region. Please consult your LiuGong dealer for information specific to your area.





DIMENSIONS (METRIC)	922F			922FN	924FDM	922FLL
Boom Length	5,710 mm	5,710 mm	5,710 mm	5,710 mm	5,710 mm	8,850 mm
Arm Length	2,915 mm	2,400 mm	3,500 mm	2,915 mm	2,915 mm	6,250 mm
A Shipping Length	9,620 mm	9,670 mm	9,660 mm	9,620 mm	9,620 mm	12,860 mm
B Shipping Height (Top of Boom hose)	3,000 mm	3,150 mm	3,250 mm	3,000 mm	3,000 mm	3,255 mm
C Track Gauge	2,390 mm	2,390 mm	2,390 mm	2,200 mm	2,390 mm	2,390 mm
D Undercarriage Width– 600 mm (24") shoes	2,990 mm	2,990 mm	2,990 mm	2,800 mm	2,990 mm	2,990 mm
700 mm (28") shoes	3,090 mm	3,090 mm	3,090 mm	2,900 mm	3,090 mm	3,090 mm
800 mm (32") shoes	3,190 mm	3,190 mm	3,190 mm	3,000 mm	3,190 mm	3,190 mm
900 mm (35") shoes	3,290 mm	3,290 mm	3,290 mm	3,100 mm	3,290 mm	3,290 mm
E Length to Center of Rollers	3,650 mm	3,650 mm	3,650 mm	3,650 mm	3,650 mm	3,650 mm
F Track Length	4,440 mm	4,440 mm	4,440 mm	4,440 mm	4,440 mm	4,440 mm
G Overall Width of Upper Structure	2,835 mm	2,835 mm	2,835 mm	2,835 mm	2,835 mm	2,835 mm
H Tail Swing Radius	2,850 mm	2,850 mm	2,850 mm	2,850 mm	2,850 mm	2,850 mm
I Counterweight Ground Clearance	1,060 mm	1,060 mm	1,060 mm	1,060 mm	1,060 mm	1,060 mm
J Overall Height of Cab	2,980 mm	2,980 mm	2,980 mm	2,980 mm	2,980 mm	2,980 mm
K Min. Ground Clearance	470 mm	470 mm	470 mm	470 mm	470 mm	470 mm
L Track Shoe Width	600 mm	600 mm	600 mm	600 mm	700 mm	800 mm
G(i) Width of Upper Including SIPS	2,875 mm	2,875 mm	2,875 mm	2,875 mm	2,875 mm	2,875 mm
J (i) Height of Cab Including Lighting Halo	3,065 mm	3,065 mm	3,065 mm	3,065 mm	3,065 mm	3,065 mm
J (ii) Height of Cab Including FOPS Guard	3,130 mm	3,130 mm	3,130 mm	3,130 mm	3,130 mm	3,130 mm



BOOM DIMENSIONS		
Boom	5,710 mm	8,850 mm
Length A	5,898 mm	9,080 mm
Height B	1,690 mm	1,460 mm
Width C	622 mm	622 mm
Width D	788 mm	788 mm
Weight	2,070 kg	2,815 kg

Includes arm cylinder, piping and pin.



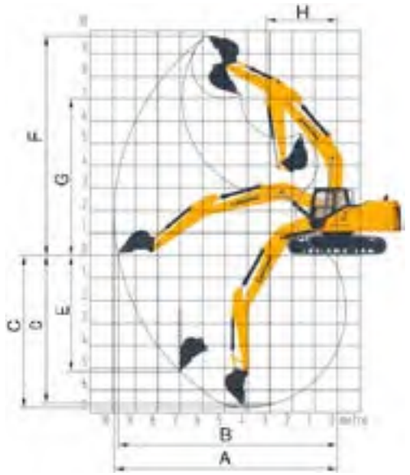
ARM DIMENSIONS				
Arm	2,915 mm	2,400 mm	3,500 mm	6,250 mm
Length A	3,918 mm	3,375 mm	4,492 mm	7,350 mm
Height B	826 mm	820 mm	825 mm	830 mm
Width C	476 mm	476 mm	476 mm	368 mm
Weight	1,115 kg	1,030 kg	1,265 kg	1,385 kg

Includes bucket cylinder, linkage and pin.

MACHINE WEIGHTS AND GROUND PRESSURE

Shoe width	922F			922FN			924FDM			922FLL		
	Operating weight	Ground pressure	Overall width	Operating weight	Ground pressure	Overall width	Operating weight	Ground pressure	Overall width	Operating weight	Ground pressure	Overall width
	5.71 m boom, 2.915 m arm, 1.1 m³ bucket, 4,000 kg counterweight						5.71 m boom, 2.915 m arm, 1.0 m³ bucket, 5,000 kg counterweight			8.85 m boom, 6.25 m arm, 0.45 m³ bucket, 5,000 kg counterweight		
600 mm	22,800 kg	47.5 kPa	2,990 mm	22,700 kg	47.2 kPa	2,800 mm	24,300 kg	50.6 kPa	2,990 mm	24,800 kg	51.6 kPa	2,990 mm
700 mm	23,080 kg	41.2 kPa	3,090 mm	23,000 kg	41.0 kPa	3,090 mm	24,600 kg	43.9 kPa	3,090 mm	25,080 kg	44.7 kPa	3,090 mm
800 mm	23,365 kg	36.5 kPa	3,190 mm	23,300 kg	36.4 kPa	3,190 mm	24,900 kg	38.9 kPa	3,190 mm	25,360 kg	39.6 kPa	3,190 mm
900 mm	23,650 kg	32.8 kPa	3,290 mm	/	/	/	25,200 kg	35.0 kPa	3,290 mm	25,640 kg	35.6 kPa	3,290 mm

LiuGong standard and optional equipment may vary from region to region. Please consult your LiuGong dealer for information specific to your area.





WORKING RANGE	922F	922F	922F	922FN	924FDM	922FLL
Boom Length	5,710 mm	5,710 mm	5,710 mm	5,710 mm	5,710 mm	8,850 mm
Arm Length	2,915 mm	2,400 mm	3,500 mm	2,915 mm	2,915 mm	6,250 mm
A. Max. Digging Reach	9,870 mm	9,530 mm	10,485 mm	9,870 mm	9,870 mm	15,635 mm
B. Max. Digging Reach on Ground	9,720 mm	9,360 mm	10,325 mm	9,720 mm	9,720 mm	15,530 mm
C. Max. Digging Depth	6,700 mm	6,250 mm	7,345 mm	6,700 mm	6,700 mm	12,170 mm
D. Max. Digging Depth, 2.44 m (8') Level	6,540 mm	6,050 mm	7,185 mm	6,540 mm	6,540 mm	12,070 mm
E. Max. Vertical Wall Digging Depth	5,140 mm	5,175 mm	5,920 mm	4,820 mm	5,140 mm	9,950 mm
F. Max. Cutting Height	9,740 mm	9,810 mm	10,200 mm	9,740 mm	9,740 mm	13,730 mm
G. Max. Dumping Height	7,000 mm	7,010 mm	7,455 mm	7,000 mm	7,000 mm	11,340 mm
H. Min. Front Swing Radius	3,135 mm	3,210 mm	3,170 mm	3,135 mm	3,135 mm	4,410 mm
Bucket Digging Force (ISO)	152.5 KN	116 KN	88 KN	97 KN	152.5 KN	53 KN
Arm Digging Force (ISO)	105 KN	140 KN	140 KN	140 KN	105 KN	69 KN
Bucket Capacity	1.1 m^3	1.1 m^3	1.0 m^3	1.1 m^3	1.0 m^3	0.45 m^3
Bucket Tip Radius	1,478	1,478 mm	1,478 mm	1,478 mm	1,478	1,260 mm

BUCKET SELECTION GUIDE

Bucket type	Capacity	Cutting width	Weight	Teeth pcs	5.71 m Boom			8.85 m Boom
	m^3	mm (ft)	kg (lbs)	EA	2.915 m arm	2.4 m arm	3.5 m Arm	6.25 m arm
General type	0.45	865	380	4	NA	NA	NA	B
Earth type	0.9	1,200	737	5	B	B	B	NA
Earth type	1.0	1,260	779	5	B	B	B	NA
Earth type	1.1	1,330	805	5	B	B	B	NA
Earth type	1.2	1,390	835	5	B	B	NA	NA
General type	1.0	1,260	988	5	C	C	C	NA
General type	1.1	1,330	1,025	5	C	C	NA	NA
Rock type	1.0	1,300	1,019	5	D	D	NA	NA
Rock type	1.1	1,370	1,064	5	D	D	NA	NA

The recommendations are given as a guide only, based on typical operation conditions. Bucket capacity based on ISO 7451, heaped material with a 1:1 angle of repose.

Maximum material density:
A 1,200 - 1,300 kg/m^3 : Coal, Caliche, Shale
B 1,400 - 1,600 kg/m^3 : Wet earth and clay, limestone, sandstone
C 1,700 - 1,800 kg/m^3 : Granite, wet sand, well blasted rock
D 1,900 kg/m^3 : Wet mud, Iron ore
NA. Not applicable

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.


Rating over - front (Cf)


Rating over - side (Cs)

1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.
4. Lifting capacities are based on machine standing on level, firm and uniform ground.
5. *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at all times.

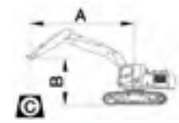
LIFTING CAPACITY (METRIC)

922F with 600 mm shoes, 2,915 mm arm

A: Load radius
B: Load point height
C: Lifting capacity
Cf: Rating over front
Cs: Rating over side

Conditions

Boom length: 5,710mm
Arm length: 2,915mm
Bucket: None
Counterweight: 4,000 kg
Shoes: 600 mm triple grouser
Unit: kg



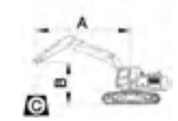
A (Unit: m)														
B (m)		3		4.5		6		7		8		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A
7.5	kg					*4257	*4257					*3912	*3912	6.1
6	kg					*4554	*4554					*3853	*3853	7.2
4.5	kg			*5733	*5733	*5037	*5037	*4739	3789			*3838	3473	7.9
3	kg			*7400	*7400	*5807	5075	*5072	3668	*4935	3324	*3785	3135	8.3
1.5	kg			*8973	7033	*6609	4789	*5474	3529	*5231	3221	*3928	3000	8.4
0	kg	*6059	*6059	*9847	6699	*7191	4582	5671	3421	5181	3141	*4458	3040	8.2
-1.5	kg	*10202	*10202	*9981	6597	*7385	4488	5628	3381			5434	3275	7.7
-3	kg	*13382	12539	*9414	6658	*7010	4518					*5983	3873	6.8
-4.5	kg	*10877	*10877	*7790	6894							*6290	5402	5.4

922F with 700 mm shoes, 2,915 mm arm

A: Load radius
B: Load point height
C: Lifting capacity
Cf: Rating over front
Cs: Rating over side

Conditions

Boom length: 5,710 mm
Arm length: 2,915 mm
Bucket: None
Counterweight: 4,000 kg
Shoes: 700 mm triple grouser
Unit: kg



A (Unit: m)														
B (m)		3		4.5		6		7.5		8		Max Reach		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A
7.5	kg					*4260	*4260					*3916	*3916	6.1
6	kg					*4592	*4592					*3858	*3858	7.2
4.5	kg			*5783	*5783	*5079	*5079	*4774	3874			*3843	3555	7.9
3	kg			*7458	*7458	*5852	5187	*5109	3756	*4970	3405	*3791	3213	8.3
1.5	kg			*9033	7199	*6655	4904	*5511	3618	*5265	3303	*3935	3077	8.4
0	kg	*6062	*6062	*9906	6865	*7236	4697	5781	3508	5281	3222	*4467	3118	8.2
-1.5	kg	*10205	*10205	*10033	6758	*7426	4601	5733	3466			*5446	3357	7.7
-3	kg	*13437	12804	*9457	6811	*7045	4625					*6012	3963	6.8
-4.5	kg	*10917	*10917	*7823	7035							*6316	5512	5.4

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.



Rating over - front (Cf)



Rating over - side (Cs)

1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.
4. Lifting capacities are based on machine standing on level, firm and uniform ground.
5. *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at all times.

LIFTING CAPACITY (METRIC)

922F with 800 mm shoes, 2,915 mm arm

A: Load radius
B: Load point height
C: Lifting capacity
Cf: Rating over front
Cs: Rating over side

Conditions

Boom length: 5,710 mm
Arm length: 2,915 mm
Bucket: None
Counterweight: 4,000 kg
Shoes: 800 mm triple grouser
Unit: kg



A (Unit: m)

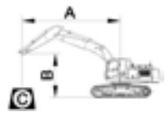
B (m)		3		4.5		6		7.5		8		Max Reach		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A
7.5	kg					*4260	*4260					*3916	*3916	6.1
6	kg					*4592	*4592					*3858	*3858	7.2
4.5	kg			*5783	*5783	*5079	*5079	*4774	3943			*3843	3619	7.9
3	kg			*7458	*7458	*5852	5277	*5109	3824	*4970	3469	*3791	3274	8.3
1.5	kg			*9033	7330	*6655	4994	*5511	3686	*5265	3366	*3935	3137	8.4
0	kg	*6062	*6062	*9906	6995	*7236	4787	*5813	3577	5372	3285	*4467	3180	8.2
-1.5	kg	*10205	*10205	*10033	6888	*7426	4691	*5824	3534			*5446	3423	7.7
-3	kg	*13437	13043	*9457	6941	*7045	4715					*6012	4040	6.8
-4.5	kg	*10917	*10917	*7823	7165							*6316	5615	5.4

922F with 900 mm shoes, 2,915 mm arm

A: Load radius
B: Load point height
C: Lifting capacity
Cf: Rating over front
Cs: Rating over side

Conditions

Boom length: 5710 mm
Arm length: 2,915 mm
Bucket: None
Counterweight: 4,000 kg
Shoes: 900 mm triple grouser
Unit: kg



A (Unit: m)

B (m)		3		4.5		6		7.5		8		Max Reach		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A
7.5	kg					*4260	*4260					*3916	*3916	6.1
6	kg					*4592	*4592					*3858	*3858	7.2
4.5	kg			*5783	*5783	*5079	*5079	*4774	4011			*3843	3683	7.9
3	kg			*7458	*7458	*5852	5367	*5109	3892	*4970	3532	*3791	3334	8.3
1.5	kg			*9033	7460	*6655	5083	*5511	3754	*5265	3429	*3935	3197	8.4
0	kg	*6062	*6062	*9906	7125	*7236	4876	*5813	3645	5463	3348	*4467	3241	8.2
-1.5	kg	*10205	*10205	*10033	7018	*7426	4780	*5824	3602			*5446	3489	7.7
-3	kg	*13437	13281	*9457	7071	*7045	4804					*6012	4116	6.8
-4.5	kg	*10917	*10917	*7823	7295							*6316	5717	5.4

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.



Rating over - front (Cf)



Rating over - side (Cs)

1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.
4. Lifting capacities are based on machine standing on level, firm and uniform ground.
5. *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at all times.

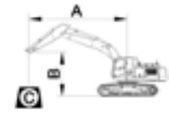
LIFTING CAPACITY (METRIC)

922F with 600 mm shoes, 2,400 mm arm

A: Load radius
B: Load point height
C: Lifting capacity
Cf: Rating over front
Cs: Rating over side

Conditions

Boom length: 5,710 mm
Arm length: 2,400 mm
Bucket: None
Counterweight: 4,000 kg
Shoes: 600 mm triple grouser
Unit: kg



A (Unit: m)

B (m)		3		4.5		6		7.5		8		Max Reach		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A
7.5	kg											*5316	*5316	5.6
6	kg					*5114	*5114					*5170	4453	6.8
4.5	kg	*8953	*8953	*6487	*6487	*5542	5315					*5218	3763	7.5
3	kg			*8160	7520	*6272	5058	*5448	3679			*5344	3398	7.9
1.5	kg			*9574	7005	*6999	4808	*5774	3566			5291	3258	8
0	kg			*10163	6767	*7459	4642	5722	3485			5422	3315	7.8
-1.5	kg	*9608	*9608	*10022	6726	*7481	4585					5930	3598	7.3
-3	kg	*12578	*12578	*9152	6826	*6776	4658					*6145	4317	6.4
-4.5	kg	*9532	*9532	*6836	*6836							*6031	*6031	4.9

922F with 600 mm shoes, 3,500 mm arm

A: Load radius
B: Load point height
C: Lifting capacity
Cf: Rating over front
Cs: Rating over side

Conditions

Boom length: 5,710 mm
Arm length: 3,500 mm
Bucket: None
Counterweight: 4,000 kg
Shoes: 600 mm triple grouser
Unit: kg



A (Unit: m)

B (m)		3		4.5		6		7.5		8		Max Reach		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A
7.5	kg					*3925	*3925					*3214	*3214	6.8
6	kg					*3996	*3996	*3930	3920			*2822	*2822	7.9
4.5	kg					*4510	*4510	*4300	3845	*4278	3457	*2965	*2965	8.5
3	kg	*9916	*9916	*6575	*6575	*5310	5147	*4694	3696	*4569	3347	*3245	2870	8.8
1.5	kg	*6445	*6445	*8281	7137	*6180	4817	*5158	3528	*4936	3215	*3355	2742	8.9
0	kg	*6857	*6857	*9428	6685	*6880	4559	*5551	3387	5149	3103	*3834	2767	8.7
-1.5	kg	*9575	*9575	*9853	6495	*7240	4417	5557	3309	5088	3048	*4057	2912	8.3
-3	kg	*13665	12201	*9594	6494	*7124	4398					*5321	3331	7.5
-4.5	kg	*12080	*12080	*8481	6664	*6160	4535					*5716	4277	6.3

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.



Rating over - front (Cf)



Rating over - side (Cs)

1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.
4. Lifting capacities are based on machine standing on level, firm and uniform ground.
5. *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at all times.

LIFTING CAPACITY (METRIC)

922FN with 600 mm shoes, 2,915 mm arm

A: Load radius
B: Load point height
C: Lifting capacity
Cf: Rating over front
Cs: Rating over side

Conditions

Boom length: 5,710 mm
Arm length: 2,915 mm
Bucket: None
Counterweight: 4,000 kg
Shoes: 600 mm triple grouser
Unit: kg



A (Unit: m)

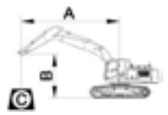
B (m)		3		4.5		6		7.5		8		Max Reach		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A
7.5	kg					*4260	*4260					*3916	*3916	6.1
6	kg					*4592	*4592					*3858	3777	7.2
4.5	kg			*5783	*5783	*5079	4927	*4774	3485			*3843	3192	7.9
3	kg			*7458	6950	*5852	4653	*5109	3368	*4970	3050	*3791	2875	8.3
1.5	kg			*9033	6373	*6655	4375	*5511	3232	5255	2949	*3935	2746	8.4
0	kg	*6062	*6062	*9906	6047	*7236	4172	5656	3124	5166	2869	*4467	2777	8.2
-1.5	kg	*10205	*10205	*10033	5943	*7426	4077	5608	3082			5414	2986	7.7
-3	kg	*13437	11044	*9457	5995	*7045	4101					*6012	3524	6.8
-4.5	kg	*10917	*10917	*7823	6213							*6316	4896	5.4

922FN with 700 mm shoes, 2,915 mm arm

A: Load radius
B: Load point height
C: Lifting capacity
Cf: Rating over front
Cs: Rating over side

Conditions

Boom length: 5,710 mm
Arm length: 2,915 mm
Bucket: None
Counterweight: 4,000 kg
Shoes: 700 mm triple grouser
Unit: kg



A (Unit: m)

B (m)		3		4.5		6		7.5		8		Max Reach		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A
7.5	kg					*4260	*4260					*3916	*3916	6.1
6	kg					*4592	*4592					*3858	3844	7.2
4.5	kg			*5783	*5783	*5079	5010	*4774	3548			*3843	3252	7.9
3	kg			*7458	7070	*5852	4736	*5109	3431	*4970	3109	*3791	2932	8.3
1.5	kg			*9033	6492	*6655	4458	*5511	3295	*5265	3008	*3935	2802	8.4
0	kg	*6062	*6062	*9906	6167	*7236	4255	5754	3188	5256	2928	*4467	2834	8.2
-1.5	kg	*10205	*10205	*10033	6063	*7426	4160	5707	3146			*5446	3048	7.7
-3	kg	*13437	11259	*9457	6115	*7045	4184					*6012	3595	6.8
-4.5	kg	*10917	*10917	*7823	6332							*6316	4990	5.4

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.



Rating over - front (Cf)



Rating over - side (Cs)

1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.
4. Lifting capacities are based on machine standing on level, firm and uniform ground.
5. *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at all times.

LIFTING CAPACITY (METRIC)

922FN with 800 mm shoes, 2,915 mm arm

A: Load radius
B: Load point height
C: Lifting capacity
Cf: Rating over front
Cs: Rating over side

Conditions

Boom length: 5,710 mm
Arm length: 2,915 mm
Bucket: None
Counterweight: 4,000 kg
Shoes: 800 mm triple grouser
Unit: kg



A (Unit: m)

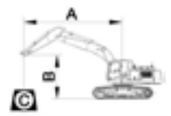
B (m)		3		4.5		6		7.5		8		Max Reach		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A
7.5	kg					*4260	*4260					*3916	*3916	6.1
6	kg					*4592	*4592					*3858	*3858	7.2
4.5	kg			*5783	*5783	*5079	*5079	*4774	3613			*3843	3313	7.9
3	kg			*7458	7191	*5852	4820	*5109	3496	*4970	3169	*3791	2989	8.3
1.5	kg			*9033	6614	*6655	4542	*5511	3359	*5265	3068	*3935	2858	8.4
0	kg	*6062	*6062	*9906	6288	*7236	4339	*5813	3252	5348	2988	*4467	2892	8.2
-1.5	kg	*10205	*10205	*10033	6184	*7426	4245	5807	3210			*5446	3110	7.7
-3	kg	*13437	11475	*9457	6236	*7045	4268					*6012	3667	6.8
-4.5	kg	*10917	*10917	*7823	6453							*6316	5086	5.4

922FN with 900 mm shoes, 2,915 mm arm

A: Load radius
B: Load point height
C: Lifting capacity
Cf: Rating over front
Cs: Rating over side

Conditions

Boom length: 5,710 mm
Arm length: 2,915 mm
Bucket: None
Counterweight: 4,000 kg
Shoes: 900 mm triple grouser
Unit: kg



A (Unit: m)

B (m)		3		4.5		6		7.5		8		Max Reach		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A
7.5	kg					*4260	*4260					*3916	*3916	6.1
6	kg					*4592	*4592					*3858	*3858	7.2
4.5	kg			*5783	*5783	*5079	*5079	*4774	3677			*3843	3373	7.9
3	kg			*7458	7312	*5852	4904	*5109	3560	*4970	3228	*3791	3046	8.3
1.5	kg			*9033	6734	*6655	4625	*5511	3424	*5265	3127	*3935	2914	8.4
0	kg	*6062	*6062	*9906	6409	*7236	4423	*5813	3316	5440	3047	*4467	2950	8.2
-1.5	kg	*10205	*10205	*10033	6305	*7426	4328	*5824	3274			*5446	3172	7.7
-3	kg	*13437	11691	*9457	6356	*7045	4352					*6012	3739	6.8
-4.5	kg	*10917	*10917	*7823	6574							*6316	5181	5.4

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.



Rating over - front (Cf)



Rating over - side (Cs)

1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.
4. Lifting capacities are based on machine standing on level, firm and uniform ground.
5. *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at all times.

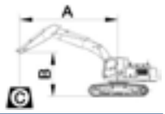
LIFTING CAPACITY (METRIC)

924FDM with 600 mm shoes, 2,915 mm arm

A: Load radius
B: Load point height
C: Lifting capacity
Cf: Rating over front
Cs: Rating over side

Conditions

Boom length: 5,710 mm
Arm length: 2,915 mm
Bucket: None
Counterweight: 5,000 kg
Shoes: 600 mm triple grouser
Unit: kg



A (Unit: m)

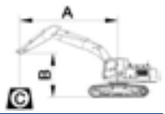
B (m)		3		4.5		6		7.5		8		Max Reach		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A
7.5	kg					*4260	*4260					*3916	*3916	6.1
6	kg					*4592	*4592					*3858	*3858	7.2
4.5	kg			*5783	*5783	*5079	*5079	*4774	4047			*3843	3717	7.9
3	kg			*7458	*7458	*5852	5414	*5109	3928	*4970	3565	*3791	3366	8.3
1.5	kg			*9033	7529	*6655	5130	*5511	3790	*5265	3463	*3935	3228	8.4
0	kg	*6062	*6062	*9906	7194	*7236	4924	*5813	3681	*5473	3382	*4467	3274	8.2
-1.5	kg	*10205	*10205	*10033	7087	*7426	4827	*5824	3638			*5446	3524	7.7
-3	kg	*13437	13407	*9457	7140	*7045	4851					*6012	4157	6.8
-4.5	kg	*10917	*10917	*7823	7364							*6316	5771	5.4

924FDM with 700 mm shoes, 2,915 mm arm

A: Load radius
B: Load point height
C: Lifting capacity
Cf: Rating over front
Cs: Rating over side

Conditions

Boom length: 5,710 mm
Arm length: 2,915 mm
Bucket: None
Counterweight: 5,000 kg
Shoes: 700 mm triple grouser
Unit: kg



A (Unit: m)

B (m)		3		4.5		6		7.5		8		Max Reach		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A
7.5	kg					*4257	*4257					*3912	*3912	6.1
6	kg					*4554	*4554					*3853	*3853	7.2
4.5	kg			*5733	*5733	*5037	*5037	*4739	4176			*3838	3838	7.9
3	kg			*7400	*7400	*5807	5583	*5072	4056	*4935	3683	*3785	3479	8.3
1.5	kg			*8973	7772	*6609	5297	*5474	3917	*5231	3580	*3928	3339	8.4
0	kg	*6059	*6059	*9847	7438	*7191	5090	*5777	3808	*5441	3500	*4458	3389	8.2
-1.5	kg	*10202	*10202	*9981	7336	*7385	4996	*5793	3768			*5436	3650	7.7
-3	kg	*13382	*13382	*9414	7397	*7010	5026					*5983	4308	6.8
-4.5	kg	*10877	*10877	*7790	7633							*6290	5982	5.4

LiuGong standard and optional equipment may vary from region to region. Please consult your LiuGong dealer for information specific to your area.

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.



Rating over - front (Cf)



Rating over - side (Cs)

1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.
4. Lifting capacities are based on machine standing on level, firm and uniform ground.
5. *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at all times.

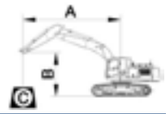
LIFTING CAPACITY (METRIC)

924FDM with 800 mm shoes, 2,915 mm arm

A: Load radius
B: Load point height
C: Lifting capacity
Cf: Rating over front
Cs: Rating over side

Conditions

Boom length: 5,710 mm
Arm length: 2,915 mm
Bucket: None
Counterweight: 5,000 kg
Shoes: 800 mm triple grouser
Unit: kg



A (Unit: m)

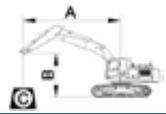
B (m)		3		4.5		6		7.5		8		Max Reach		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A
7.5	kg					*4260	*4260					*3916	*3916	6.1
6	kg					*4592	*4592					*3858	*3858	7.2
4.5	kg			*5783	*5783	*5079	*5079	*4774	4183			*3843	*3843	7.9
3	kg			*7458	*7458	*5852	5593	*5109	4065	*4970	3692	*3791	3487	8.3
1.5	kg			*9033	7789	*6655	5309	*5511	3926	*5265	3589	*3935	3348	8.4
0	kg	*6062	*6062	*9906	7454	*7236	5102	*5813	3817	*5473	3508	*4467	3396	8.2
-1.5	kg	*10205	*10205	*10033	7347	*7426	5006	*5824	3775			*5446	3656	7.7
-3	kg	*13437	*13437	*9457	7400	*7045	5030					*6012	4310	6.8
-4.5	kg	*10917	*10917	*7823	7624							*6316	5975	5.4

924FDM with 900 mm shoes, 2,915 mm arm

A: Load radius
B: Load point height
C: Lifting capacity
Cf: Rating over front
Cs: Rating over side

Conditions

Boom length: 5,710 mm
Arm length: 2,915 mm
Bucket: None
Counterweight: 5,000 kg
Shoes: 900 mm triple grouser
Unit: kg



A (Unit: m)

B (m)		3		4.5		6		7.5		8		Max Reach		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A
7.5	kg					*4260	*4260					*3916	*3916	6.1
6	kg					*4592	*4592					*3858	*3858	7.2
4.5	kg			*5783	*5783	*5079	*5079	*4774	4251			*3843	*3843	7.9
3	kg			*7458	*7458	*5852	5682	*5109	4133	*4970	3755	*3791	3547	8.3
1.5	kg			*9033	7918	*6655	5398	*5511	3994	*5265	3652	*3935	3407	8.4
0	kg	*6062	*6062	*9906	7584	*7236	5192	*5813	3885	*5473	3571	*4467	3457	8.2
-1.5	kg	*10205	*10205	*10033	7477	*7426	5095	*5824	3843			*5446	3722	7.7
-3	kg	*13437	*13437	*9457	7530	*7045	5119					*6012	4387	6.8
-4.5	kg	*10917	*10917	*7823	7754							*6316	6077	5.4

LiuGong standard and optional equipment may vary from region to region. Please consult your LiuGong dealer for information specific to your area.

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.



Rating over - front (Cf)



Rating over - side (Cs)

1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.
4. Lifting capacities are based on machine standing on level, firm and uniform ground.
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6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at all times.

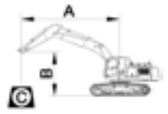
LIFTING CAPACITY (METRIC)

922FLL with 600 mm shoes, 6,250 mm arm

A: Load radius
B: Load point height
C: Lifting capacity
Cf: Rating over front
Cs: Rating over side

Conditions

Boom length: 8,850 mm
Arm length: 6,250 mm
Bucket: None
Counterweight: 5,000 kg
Shoes: 600 mm triple grouser
Unit: kg



A (Unit: m)

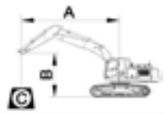
B (m)		3		4.5		6		7.5		8		Max Reach		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A
7.5	kg											*1884	1645	13.1
6	kg											*1842	1460	13.7
4.5	kg							*2634	*2634	*2536	*2536	*1842	1332	14.1
3	kg			*5181	*5181	*3805	*3805	*3098	*3098	*2935	*2935	*1919	1250	14.3
1.5	kg			*6576	6343	*4572	4459	*3572	3338	*3345	3058	*2102	1205	14.3
0	kg	*2697	*2697	*6259	5638	*5197	3991	*3993	3032	*3716	2791	2151	1179	14.2
-1.5	kg	*3762	*3762	*6393	5329	*5617	3701	*4318	2812	*4012	2593	2184	1188	13.9
-3	kg	*4971	*4971	*7305	5231	*5839	3555	*4529	2678	*4210	2468	2253	1221	13.5
-4.5	kg	*6317	*6317	*7940	5254	*5885	3512	*4615	2619	*4298	2410	2415	1311	12.8

922FLL with 700 mm shoes, 6,250 mm arm

A: Load radius
B: Load point height
C: Lifting capacity
Cf: Rating over front
Cs: Rating over side

Conditions

Boom length: 8,850 mm
Arm length: 6,250 mm
Bucket: None
Counterweight: 5,000 kg
Shoes: 700 mm triple grouser
Unit: kg



A (Unit: m)

B (m)		3		4.5		6		7.5		8		Max Reach		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A
7.5	kg											*1884	1681	13.1
6	kg											*1842	1494	13.7
4.5	kg							*2634	*2634	*2536	*2536	*1842	1365	14.1
3	kg			*5181	*5181	*3805	*3805	*3098	*3098	*2935	*2935	*1919	1282	14.3
1.5	kg			*6576	6472	*4572	4548	*3572	3405	*3345	3121	*2102	1238	14.3
0	kg	*2697	*2697	*6259	5767	*5197	4080	*3993	3100	*3716	2854	2196	1212	14.2
-1.5	kg	*3762	*3762	*6393	5458	*5617	3790	*4318	2880	*4012	2656	2231	1221	13.9
-3	kg	*4971	*4971	*7305	5361	*5839	3644	*4529	2746	*4210	2531	2301	1255	13.5
-4.5	kg	*6317	*6317	*7940	5383	*5885	3601	*4615	2687	*4298	2472	2466	1348	12.8

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.



Rating over - front (Cf)



Rating over - side (Cs)

1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
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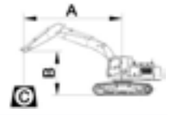
LIFTING CAPACITY (METRIC)

922FLL with 800 mm shoes, 6,250 mm arm

A: Load radius
B: Load point height
C: Lifting capacity
Cf: Rating over front
Cs: Rating over side

Conditions

Boom length: 8,850 mm
Arm length: 6,250 mm
Bucket: None
Counterweight: 5,000 kg
Shoes: 800 mm triple grouser
Unit: kg



A (Unit: m)

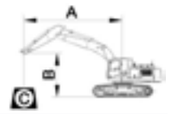
B (m)		3		4.5		6		7.5		8		Max Reach		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A
7.5	kg											*1884	1717	13.1
6	kg											*1842	1529	13.7
4.5	kg							*2634	*2634	*2536	*2536	*1842	1399	14.1
3	kg			*5181	*5181	*3805	*3805	*3098	*3098	*2935	*2935	*1919	1315	14.3
1.5	kg			*6576	*6576	*4572	*4572	*3572	3474	*3345	3184	*2102	1271	14.3
0	kg	*2697	*2697	*6259	5898	*5197	4170	*3993	3168	*3716	2918	*2206	1245	14.2
-1.5	kg	*3762	*3762	*6393	5589	*5617	3880	*4318	2948	*4012	2719	2278	1255	13.9
-3	kg	*4971	*4971	*7305	5491	*5839	3734	*4529	2814	*4210	2594	2350	1291	13.5
-4.5	kg	*6317	*6317	*7940	5514	*5885	3691	*4615	2755	*4298	2536	2517	1385	12.8

922FLL with 900 mm shoes, 6,250 mm arm

A: Load radius
B: Load point height
C: Lifting capacity
Cf: Rating over front
Cs: Rating over side

Conditions

Boom length: 8,850 mm
Arm length: 6,250 mm
Bucket: None
Counterweight: 5,000 kg
Shoes: 900 mm triple grouser
Unit: kg



A (Unit: m)

B (m)		3		4.5		6		7.5		8		Max Reach		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A
7.5	kg											*1884	1753	13.1
6	kg											*1842	1563	13.7
4.5	kg							*2634	*2634	*2536	*2536	*1842	1432	14.1
3	kg			*5181	*5181	*3805	*3805	*3098	*3098	*2935	*2935	*1919	1348	14.3
1.5	kg			*6576	*6576	*4572	*4572	*3572	3542	*3345	3247	*2102	1303	14.3
0	kg	*2697	*2697	*6259	6028	*5197	4259	*3993	3236	*3716	2981	*2206	1278	14.2
-1.5	kg	*3762	*3762	*6393	5718	*5617	3969	*4318	3016	*4012	2783	*2301	1289	13.9
-3	kg	*4971	*4971	*7305	5621	*5839	3823	*4529	2882	*4210	2657	*2396	1325	13.5
-4.5	kg	*6317	*6317	*7940	5644	*5885	3780	*4615	2823	*4298	2599	*2527	1422	12.8



STANDARD EQUIPMENT

ENGINE SYSTEM
- Cummins B6.7 engine, EPA Tier 4F/EU Stage V, turbocharged, 6 cylinder, 4 stroke, water cooled.
- Engine overheat prevention system
- Auto-idle speed control
- Automatic engine shutdown
- Air filter with integrated pre-cleaner
- Metal fuel tank
- Fuel pre-filter with water separator and water detection
- Electric fuel lifting pump
- Remote engine oil filter
- Double engine oil dip-stick
- Lockable engine oil guage
- 6 x reversible electric cooling fans
- Radiator dustproof net
- Air conditioner compressor belt automatic tensioner
- Cold starting kit for -20° C
- Electric refueling pump with auto shutoff

HYDRAULIC SYSTEM
- Full electric control hydraulic system
- 3-power modes (Power, Standard, Economy)
- Power boost function (automatic & manual)
- Pilot control shut-off lever
- Pilot accumulator
- Automatic swing parking brake
- Swing with anti-reverse function
- Boom and arm regeneration circuits
- Boom and arm holding valves
- Boom lowering device for back-up
- Automatic two-speed travel
- Automatic travel parking brake
- Hydraulic oil temperature independent control
- Pressure checking port for main pump
- Hand proportional control auxiliary dual way pipes
- Auxiliary sigle-double hydraulic lines exchange on the monitor
- Auxiliary dual pipe flow & pressure adjustable
- Control pattern-change valve

OPERATOR STATION
- Pressurized and sealed cab with all-around visibility
- ROPS certified cab
- Removeable lower windshield
- Openable front windshield
- Large roof window with slide sliding sun visor
- Air suspension deluxe seat (with heater and head rest) +retractable seat belt (75 mm [3 in] width, red colour, with warning alarm)
- Consoles and seat height adjustable follow-up
- 8 inches high resolution LCD touch screen + integrated control panel
- Automatic air conditioner, heater, defroster
- Washable floor mat
- Place for shoes
- Fire extinguisher
- Safety hammer for cab evacuation
- Storage box
- Cup holder
- Document holding space
- Green safety glass
- Sliding window positioning
- Cab interior lighting
- Rearview mirror installed in cab

ELECTRICAL SYSTEM
- Monitor: working mode, working hour, water temperature, oil temperature, fuel level, DEF level, fuel consumption, rear vision, fault code, work condition etc. machine information
- Warn: low engine oil pressure, low fuel level, air filter clog, machine overheat, maintenance remind etc.
- Front window wiper with intermittent feature
- Wiper intermittent time adjustable
- Bluetooth/ AM/FM radio with auxiliary input
- Work lights shut off delay timer
- Cab light shut off delay timer
- 2 stereo speakers
- 2 signaling/warning horn
- Battery disconnect switch
- Emergency stop on ground
- Set password for auxiliary hydraulic-flow adjustments
- Work tool flow and pressure programmable memories
- Overload warning device
- Travel alarm
- Rotating beacon
- 4 boom working lights
- Work lights: separately installed LED in front and rear cab (4 front and 2 rear)
- 360° view camera

UNDERCARRIAGE
- Standard track undercover
- 600mm track-shoes with triple grousers
- Rollers, bottom - 8 each side
- Rollers, top - 2 each side
- 2 piece track guards (each side)
- Centralized lubrication for swing bearing
- Towing eye on base frame
- Traction hole

UPPER STRUCTURE
- Frame handrail
- Punched metal anti-slip plates
- Foot rest access panel in engine room
- Engine chamber and main pump chamber separated by fire board
- Standard frame undercover
- Side door brace automatically lock
- One key for all locks
- Rearview mirror mounted in the RH machine
- Rearview mirror mounted in the LH cab
- 4,000kg counterweight

DIGGING EQUIPMENT
- 5,710 mm boom
- 2,915 mm arm
- Arm front end with guard bars
- Manual centralized lubrication on boom
- Manual centralized lubrication on arm

SERVICE & MAINTENANCE
- Maintenance tool kit
- Maintenance parts package
- Telematics system
- Remote program update
- Data diagnostic port
- Self-diagnostic system

OPTIONAL EQUIPMENT

HYDRAULIC SYSTEM
- Hand proportional control auxiliary swing pipes
- PTO max flow with manual control
- High pressure quick-coupler pipes
- Low pressure quick-coupler pipes
- Attachment oil drain line
- Additional filter for breaker piping
- Straight travel with one pedal
- Automatic hydraulic system warm-up
- Long-life hydraulic oil (replacement cycle 5,000h)

OPERATOR STATION
- Cab lower window guard
- Cab top guard
- Openable cab front guard
- FOPS Level II Cabin Guard (Front Screen and Roof)
- Openable cab front window mesh guard
- Transparent cab skylight
- Sunscreen
- Front window rain visor

ELECTRICAL SYSTEM
- Quicker-coupler opening warning
- Starting code
- Machine rear lighting
- 2 alarm mounted bracket on cab roof
- Capability to electrically connect beacon

UPPER STRUCTURE
- Guard rails of upper frame sides
- Guard fence of upper frame around

UNDERCARRIAGE
- 700mm, 800mm, 900mm track-shoes with triple grousers
- Additional track step
- 3 piece track guards (each side)
- Full length track guard

DIGGING EQUIPMENT
- Bucket linkage with lifting eye
- Bucket lifting hole
- 2,400mm short reach arm
- 3,500mm long reach arm
- 15m super long reach boom & arm

DEMOLITION PACK (924F DM)
- Bolt on Side Impact Protection
- Heavy Duty Belly P;ates
- 5000 kg counterweight
- Bucket cylinder rod protect
- Heavy Duty Undercarriage Cover Plates
- FOPS Levell II Cabin Guard (Front Screen and Roof)
- Openable cab front guard
- Boom drift function
- 924F DM Nomenclature
- Work lights: long strip LED light in front and rear cab

LiuGong

TOUGH WORLD. TOUGH EQUIPMENT.

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LiuGong

923FN EXCAVATOR

F-SERIES

Engine	Cummins B6.7
Net Power	116 kW @ 2,200 rpm
Operating Weight	23,500 kg
Bucket Capacity	1.0-1.2 m^3



TOUGH WORLD. TOUGH EQUIPMENT.

BUILT FOR THE TOUGHEST APPLICATIONS

For over 65 years, LiuGong has built machines that thrive in the toughest environments. The 923FN, part of our advanced F-Series, is engineered for maximum power, precision, and durability.

Designed to excel in demanding applications, this machine combines cutting-edge technology with proven reliability to keep you working efficiently in even the harshest conditions.

Since launching our first hydraulic excavator in 1992, we've remained committed to innovation, ensuring every LiuGong machine is built to perform, wherever the job takes you.



YOUR PERFORMANCE DASHBOARD

Research tells us that 5 key performance areas really matter to you. We'd like to use this performance dashboard to present the real, tough facts about our **923FN.**

- POWER & EFFICIENCY
- TOUGHNESS & DURABILITY
- SAFETY & VISIBILITY
- UPTIME & MAINTENANCE
- COMFORT & ERGONOMICS

THIS IS LIUGONG

- **65+** YEARS EST 1958
- **30+** PRODUCT LINES
- **12** GLOBAL R&D CENTERS
- **30+** GLOBAL OFFICES
- **16,000+** EMPLOYEES
- **20+** GLOBAL MANUFACTURING FACILITIES

THE 923FN IN ACTION...

The 923FN is specifically engineered with a narrow undercarriage to address the demanding work conditions in Italy's mountainous and confined areas.

Its compact design allows for superior maneuverability on narrow mountain roads, steep slopes, and restricted job sites, making it an ideal choice for construction, forestry, and infrastructure projects in challenging environments.



LET'S TAKE A CLOSER LOOK...

SMART POWER, MAXIMUM EFFICIENCY

The 923FN integrates an advanced electro-hydraulic system with a large displacement main pump and a robust low-speed, high-torque engine, paired with a intelligent proportional control valve to deliver optimized power delivery and precise hydraulic response.

- Equipped with an advanced electronic engine management system, the 923FN achieves optimal combustion efficiency—maximizing performance while minimizing fuel consumption and emissions.
- An intelligent dual-pump design ensures smooth, precise operation with fully adjustable flow and pressure settings—delivering superior control and responsiveness in every movement.





BUILT FOR CONVENIENCE AND MAINTENABILITY

The engineers have kept operators in mind to make their daily maintenance easier.

- 2,540 mm transport width meets Italian road regulations and 550 mm shoe width allows for easy transportation.
- The pressure adjustable quick coupler lines allows for quick attachment changes, minimizing downtime and maximizing job site efficiency.
- The automatic lubrication system delivers grease to critical components, minimizing machine downtime and extend ing machine life.
- Optional long-life hydraulic oil features better performance than conventional hydraulic oil, extending service interval up to 5,000 hours.



PREMIUM COMFORT

The cab has been upgraded with several features to deliver superior comfort.

- The 10.1" touchscreen improves clarity of display and controls. DAB radio helps the operators to enjoy high-quality radio reception even in remote areas.
- Multiple ports (USB-A/USB-C/Aux) ensure easy device connectivity.
- The optional heated and ventilated air-suspension seat with lumbar support and shock absorption offers all-weather comfort, and the tilting pod allows for easy entry and exit.

WORK MORE SAFER

Our machines are equipped with safety features to provide enhanced safety level at jobsites.

- Orange guardrails, handrails, and steps ensure safe and easy access to the machine.
- Parallel windshield wipers deliver wider coverage, effectively clearing rain, snow, dirt, and debris to maximized visibility in harsh conditions.
- Standard 360-degree cameras with upgraded side lighting provide all-around visibility day or night, for safer operation in low-light environments.

TOUGHER BY DESIGN

Engineered for narrow mountain roads with ease, the 923FN delivers rugged durability.

- Reinforced box-shaped undercarriage and swing platform distribute load more efficiently, extending component life.
- FEA-optimized boom and arm utilize solid steel castings to maintain perfect alignment throughout their 10,000-hour lifespan.
- Demolition packages (including operator protective guards, bucket cylinder protrction, and bolt-on side guards) safeguard operators and withstand extreme conditions.









SPECIFICATIONS

Operating weight	**23,500 kg**

Operating weight includes coolant, lubricants, full fuel tank, cab, standard Shoes, boom, arm, bucket and operator 75 kg.

Bucket capacity	1.0-1.2 m³

ENGINE

Description

Cummins EU Stage V / EPA Tier 4 final, 6-cylinder straight Variable-Geometry Turbocharger (VGT), high pressure common rail, electronically controlled direct injection. Air cleaner: Cummins direct flow air filter. Cooling system: Air-to-air intercooler

Emission rating	EU Stage V / EPA Tier 4 final
Engine manufacturer	Cummins
Engine model	B6.7
Aspiration	Variable-Geometry Turbocharger (VGT)
Charged air cooling	After cooler
Cooling fan drive	Electric motor
Displacement	6.7 L (6,700 cm³)
Engine output - net (SAE J1349 / ISO 9249)	116 kW @ 2200 rpm
Engine output - gross (SAE J1995 / ISO 14396)	116 kW @ 2200 rpm
Maximum torque	746 N·m @ 1,300 rpm
Bore × Stroke	107 × 124 mm

UNDERCARRIAGE

Track shoe each side	49
Link pitch	190 mm
Shoe width, triple grouser	550 mm
Bottom rollers each side	8
Top rollers each side	2

SWING SYSTEM

Description

Planetary gear reduction driven by high torque axial piston motor, with oil disk brake. Swing parking brake resets within five seconds after swing pilot controls return to neutral.

Swing speed	10.5 rpm
Swing torque	78,200 N·m

HYDRAULIC SYSTEM

Main pump

Type	Two variable displacement piston pumps
Maximum flow	2 × 214.5 L/min

Pilot pump

Type	Gear pump
Maximum flow	16.5 L/min

Relief valve setting

Implement	34.3/37.3 MPa
Travel circuit	34.3 MPa
Slew circuit	27.6 MPa
Pilot circuit	3.9 MPa

Hydraulic cylinders

Boom Cylinder – Bore × Stroke	Φ120 × 1,320 mm
Arm Cylinder – Bore × Stroke	Φ135 ×1,490 mm
Bucket Cylinder – Bore × Stroke	Φ115 × 1,120 mm

ELECTRIC SYSTEM

System Voltage	24 V
Batteries	2 x 12 V
Alternator	24 V-180 A
Starter motor	24 V-7.8 kW

SERVICE CAPACITIES

Fuel tank	320 L
Engine oil	25 L
Final drive (each)	2 × 5.5 L
Swing drive	3.4 L
Cooling system	25 L
Hydraulic reservoir	110 L
Hydraulic system total	210 L
DEF Tank	25 L

SOUND PERFORMANCE

Interior Sound Power Level (ISO 6396)	68 dB(A)
Exterior Sound Power Level (ISO 6395)	100 dB(A)

DRIVE AND BRAKES

Description

2-speed axial piston motors with oil disk brakes. Steering controlled by two hand levers with pedals.

Max. travel speed	High: 5.6 km/h Low: 3.3 km/h
Gradeability	35°/70%
Max. drawbar pull	220 kN



DIMENSIONS (METRIC)

Boom Length	5,710 boom		2-piece boom
Arm Length	2,400 mm	2,915 mm	2,400 mm
A Shipping Length	9,660 mm	9,620 mm	9,660 mm
B Shipping Height (Top of Boom hose)	3,115 mm	3,275 mm	3,275 mm
C Track Gauge	1,990 mm	1,990 mm	1,990 mm
D Undercarriage Width– 550 mm shoes	2,530 mm	2,530 mm	2,530 mm
E Length to Center of Rollers	3,650 mm	3,650 mm	3,650 mm
F Track Length	4,445 mm	4,445 mm	4,445 mm
G Overall Width of Upper Structure	2,540 mm	2,540 mm	2,540 mm
H Tail Swing Radius	2,850 mm	2,850 mm	2,850 mm
I Counterweight Ground Clearance	1,110 mm	1,110 mm	1,110 mm
J Overall Height of Cab	3,050 mm	3,050 mm	3,050 mm
J (i) Overall Height of Cab with FOPS Guard	3,185 mm	3,185 mm	3,185 mm
K Min. Ground Clearance	530 mm	530 mm	530 mm
L Track Shoe Width	550 mm	550 mm	550 mm





BOOM DIMENSIONS

Boom	5,710 mm	2-piece boom
Length A	5,898 mm	5,970 mm
Height B	1,690 mm	1,450 mm
Width C	622 mm	622 mm
Width D	788 mm	788 mm
Weight	2,070 kg	2,540 kg

Includes arm cylinder, piping and pin.

ARM DIMENSIONS

Arm	2,915 mm	2,400 mm
Length A	3,918 mm	3,375 mm
Height B	826 mm	820 mm
Width C	476 mm	476 mm
Weight	1,115 kg	1,030 kg

Includes bucket cylinder, linkage and pin.

MACHINE WEIGHTS AND GROUND PRESSURE

	923FN					
Shoe width	Operating weight	Ground pressure	Overall width	Operating weight	Ground pressure	Overall width
	5,710 mm boom, 2,915 mm arm, 1.0 m³ bucket, 5,000 kg counterweight			2-piece boom, 2,400 mm arm, 1.0 m³ bucket, 5,000 kg counterweight		
550 mm	23,500 kg	54.3 kPa	2,540 mm	23,900 kg	54.2 kPa	2,540 mm



WORKING RANGE

Boom Length		5,710 mm		2-piece boom
Arm Length		2,400 mm	2,915 mm	2,400 mm
A. Max. Digging Reach		9,540 mm	9,890 mm	9,580 mm
B. Max. Digging Reach on Ground		9,360 mm	9,720 mm	9,400 mm
C. Max. Digging Depth		6,250 mm	6,725 mm	5,880 mm
D. Max. Digging Depth, 2.44 m Level		6,045 mm	6,525 mm	5,760 mm
E. Max. Vertical Wall Digging Depth		5,260 mm	5,125 mm	4,470 mm
F. Max. Cutting Height		9,815 mm	9,790 mm	11,200 mm
G. Max. Dumping Height		7,025 mm	7,020 mm	8,240 mm
H. Min. Front Swing Radius		3,210 mm	3,135 mm	2,340 mm
Bucket Digging Force (ISO)	Normal	146 kN	140 kN	146 kN
	Power Boost	159.5 kN	152.5 kN	159.5 kN
Arm Digging Force (ISO)	Normal	115 kN	97 kN	115 kN
	Power Boost	126 kN	105 kN	126 kN
Bucket Capacity		1.0 m³	1.1 m³	1.2 m³
Bucket Tip Radius		1,280 mm	1,280 mm	1,280 mm

BUCKET SELECTION GUIDE

Bucket type	Capacity	Cutting width	Weight	Teeth	5.71 m Boom	
	m³	mm	kg	EA	2.915 m arm	2.4 m arm
Light duty	1.0	1,220	789	5	B	B
Light duty	1.1	1,290	816	5	B	B
Light duty	1.2	1,350	842	5	B	B
General purpose	1.0	1,200	859	5	C	D
General purpose	1.1	1,260	896	5	C	D
Heavy duty	1.0	1,300	1,015	5	D	D
Heavy duty	1.1	1,370	1,060	5	D	D

The recommendations are given as a guide only, based on typical operation conditions. Bucket capacity based on ISO 7451, heaped material with a 1:1 angle of repose.

Maximum material density:
A 1,200-1,300 kg/m³ : Coal, Caliche, Shale
B 1,400-1,600 kg/m³ : Wet earth and clay, limestone, sandstone
C 1,700-1,800 kg/m³ : Granite, wet sand, well blasted rock
D 1,900 kg/m³ : Wet mud, Iron ore
NA. Not applicable

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.


Rating over - front (Cf)


Rating over - side (Cs)

1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.
4. Lifting capacities are based on machine standing on level, firm and uniform ground.
5. *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at all times.

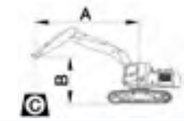
LIFTING CAPACITY (METRIC)

923FN with 550 mm shoes, 5,710 mm, 2,915 mm arm

A: Load radius
B: Load point height
C: Lifting capacity
Cf: Rating over front
Cs: Rating over side

Conditions

Boom length: 5,710 mm
Arm length: 2,915 mm
Bucket: None
Counterweight: 5,000 kg
Shoes: 550 mm triple grouser
Unit: kg



A (Unit: m)

B (m)		3		4.5		6		7.5		8		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A
7.5	kg					*4,260	*4,260					*3,916	*3,916	6.1
6	kg					*4,596	*4,596					*3,858	3,702	7.2
4.5	kg			*5,788	*5,788	*5,085	4,808	*4,781	3,418			*3,843	3,135	7.9
3	kg			*7,468	6,722	*5,860	4,542	*5,117	3,304	*4,978	2,997	*3,791	2,826	8.3
1.5	kg			*9,048	6,166	*6,666	4,272	*5,520	3,171	*5,274	2,898	*3,935	2,700	8.4
0	kg	*6,062	*6,062	*9,923	5,853	*7,249	4,075	*5,823	3,066	5,482	2,820	*4,467	2,730	8.2
-1.5	kg	*10,205	*10,205	*10,051	5,753	*7,440	3,983	*5,835	3,026			*5,446	2,933	7.7
-3	kg	*13,464	10,443	*9,476	5,802	*7,058	4,006					*6,012	3,452	6.8
-4.5	kg	*10,941	10,806	*7,839	6,013							*6,316	4,768	5.4

923FN with 550 mm shoes, 5,710 mm boom, 2,400 mm arm

A: Load radius
B: Load point height
C: Lifting capacity
Cf: Rating over front
Cs: Rating over side

Conditions

Boom length: 5,710 mm
Arm length: 2,400 mm
Bucket: None
Counterweight: 5,000 kg
Shoes: 550 mm triple grouser
Unit: kg



A (Unit: m)

B (m)		2		3		4.5		6		7.5		Max Reach		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A
7.5	kg											*5,312	*5,312	5.6
6	kg							*5,159	4,905			*5,216	4,016	6.8
4.5	kg			*9,187	*9,187	*6,590	*6,590	*5,614	4,754			*5,274	3,401	7.5
3	kg					*8,306	6,598	*6,364	4,521	*5,519	3,321	*5,411	3,074	7.9
1.5	kg					*9,721	6,155	*7,100	4,299	*5,852	3,220	*5,589	2,949	8
0	kg					*10,292	5,956	*7,557	4,154	*6,042	3,149	5,842	3,048	7.7
-1.5	kg	*6,456	*6,456	*9,881	*9,881	*10,128	5,928	*7,562	4,109			*6,128	3,304	7.2
-3	kg	*13,278	*13,278	*12,672	10,840	*9,219	6,024	*6,808	4,184			*6,328	3,958	6.3
-4.5	kg					*6,773	6,311					*6,372	5,976	4.7

923FN with 550 mm shoes, 2-piece boom, **2,400 mm arm**

A: Load radius
B: Load point height
C: Lifting capacity
Cf: Rating over front
Cs: Rating over side

Conditions

Boom length: 2-piece boom
Arm length: 2,400 mm
Bucket: None
Counterweight: 5,000 kg
Shoes: 550 mm triple grouser
Unit: kg

A (Unit: m)

B (m)		2.5		3		4.5		7.5		8		Max Reach		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A
7.5	kg			*6,707	*6,707							*5,204	*5,204	5.7
6	kg			*6,966	*6,966	*6,134	4,879					*4,667	3,885	6.9
4.5	kg			*7,965	7,122	*6,483	4,725					*4,665	3,305	7.6
3	kg			*9,274	6,558	*7,017	4,492	*5,495	3,379	*5,519	3,321	*4,376	3,005	8
1.5	kg			*10,078	6,137	*7,424	4,283	*5,841	3,305	*5,852	3,220	*5,526	2,954	8
0	kg			*9,944	5,985	*7,439	4,165	*5,939	3,216	*6,042	3,149	*5,418	3,028	7.8
-1.5	kg	*7,631	*7,631	*9,409	5,989	*7,138	4,149	*5,763	3,169			*5,277	3,190	7.5
-3	kg	*10,576	*10,576	*8,529	6,053	*6,499	4,186					*5,111	3,507	7
-4.5	kg	*8,748	*8,748	*7,208	6,178	*5,290	4,294					*4,558	4,007	6.4

STANDARD EQUIPMENT

ENGINE

- Cummins B6.7 engine, EPA Tier 4F/EU Stage V, turbocharged, 6-cylinder, 4-stroke, water- cooled
- Electric refueling pump with auto shutoff

HYDRAULIC SYSTEM

- Dual-way auxiliary circuit via electronic proportional joystick control
- On-screen auxiliary line switching, one-way or two-way
- Auxiliary rotation line with on-screen flow adjustment
- Attachment oil drain line
- Pressure adjustable quick coupler lines
- Boom float function
- Long-life hydraulic oil (change interval 5,000 hours)

BOOM & ARM

- 5,710 mm boom
- 2,915 mm arm
- Boom & arm load holding valves

OPERATOR STATION

- ROPS certified cab
- 10 inch high resolution touch screen
- Heating and cooling air conditioning
- Fire extinguisher
- Heated and ventilated suspension seat with 3 inch red retractable seatbelt
- Tilting pod
- Sun visor
- 12V power outlet
- DAB radio
- Operation protection guard (includes cab front and top guard, bar)

ELECTRICAL

- Warnings: low engine oil pressure, low fuel level, air filter clog, machine overheat, and maintenance reminder
- Parallel wiper
- 4 LED lights on the boom
- 2 LED lights on the counterweight
- LED light bars on the front and rear of the cab
- 360-degree cameras with side lighting
- Rotating beacon
- Travel alarm
- Seatbelt beacon
- Swing alarm
- Overload warning
- Quick coupler on warning
- T-BOX

UNDERCARRIAGE

- Rollers, top - 2 each side
- Rollers, bottom - 8 each side
- Reinforced undercovers
- 550 mm track-shoes with triple grousers
- Track chain, 3 each side

OTHERS

- Bucket cylinder guard
- Standard counterweight
- Hook on the H-link

OPTIONAL EQUIPMENT

HYDRAULIC SYSTEM

- Hydraulic hammer return oil filtration

UPPERSTRUCTURE

- Upper frame guard
- Platform side guard

SERVICE & MAINTENANCE

- Centralized lubrication system

BOOM & ARM

- 2-piece boom
- 2,400 mm arm

ATTACHMENT

- 1.0 m^3 genereal purpose bucket
- 1.1 m^3 genereal purpose bucket
- 1.0 m^3 light duty digging bucket
- 1.1 m^3 light duty digging bucket
- 1.2 m^3 light duty digging bucket
- 1.0 m^3 heavy duty loading bucket
- 1.1 m^3 heavy duty loading bucket
- Hydraulic quick coupler

LIUGONG

TOUGH WORLD. TOUGH EQUIPMENT.

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LiuGong

925FCR EXCAVATOR

F-SERIES

Engine	Cummins B6.7
Net Power	116 kW
Operating Weight	25,500-28,200 kg
Bucket Capacity	0.9-1.2 m^3



TOUGH WORLD. TOUGH EQUIPMENT.

BUILT FOR THE TOUGHEST APPLICATIONS

For over 65 years, LiuGong has built machines that thrive in the toughest environments. The 925FCR, part of our advanced F-Series, is engineered for maximum power, precision, and durability.

Designed to excel in demanding applications, this machine combines cutting-edge technology with proven reliability to keep you working efficiently in even the harshest conditions.

Since launching our first hydraulic excavator in 1992, we've remained committed to innovation, ensuring every LiuGong machine is built to perform, wherever the job takes you.



YOUR PERFORMANCE DASHBOARD

Research tells us that 5 key performance areas really matter to you. We'd like to use this performance dashboard to present the real, tough facts about our **925FCR.**

- COMPACT YET CAPABLE
- VERSATILITY
- OPERATOR COMFORT
- SAFETY & VISIBILITY
- MAINTENANCE & RELIABILITY

THIS IS LIUGONG

- **65+** YEARS EST 1958
- **30+** PRODUCT LINES
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- **30+** GLOBAL OFFICES
- **16,000+** EMPLOYEES
- **20+** GLOBAL MANUFACTURING FACILITIES

THE 925FCR IN ACTION...

The 925FCR is designed with a short tail swing to meet the challenges of working in confined areas. The short-tail swing radius extends the machine adaptability for earthmoving and construction work to confined spaces, particularly in urban areas, or for road construction, forestry and demolition.



LET'S TAKE A CLOSER LOOK...

COMPACT WITHOUT COMPROMISE

Engineered for tight spaces, the 925FCR combines minimum front and rear short tail swing with EU Stage V compliant Cummins engine to deliver:

- Compact Radius – Superior swing performance when working in confined areas.
- Productivity & Fuel Efficiency – High torque at low engine speeds with an increased power efficiency of 5% and 15% reduction in fuel consumption.
- Three Power Modes (Power/Standard/Economy) – Tailored power and efficiency to match specific tasks.





TACKLE ANY JOB SITE CHALLENGES

From general construction to heavy duty work conditions, the 925FCR offers exceptional versatility to meet any job demands.

- Smart Attachment Management – Adjustable flow and pressure for optimal performance with any attachments.
- Demolition Toughnesss – Full protective package including operator protective guards, reinforced guards, bucket cylinder protection and bolt-on side guards.
- Earthmoving Efficiency – Optional dozer blade for efficient ground levelling.
- Extended Reach – 2-piece boom option increases working range and digging depth.



STAY COMFORTABLE, WORK LONGER

The upgraded F-Series cab delivers exceptional comfort with:

- Intelligent Operator Tuning – Customizable hydraulic settings to meet application requirements and varying operator preferences.
- F-Series Cab – Spacious ergonomic design featuring 10.1-inch touchscreen, standard heated air-suspension seat, optional ventilation, and tilting roof for all-day comfort.



BUILT FOR SAFETY IN EVERY CONDITION

Every feature is engineered to minimize risks—from blind spots to anti-slip surfaces – keeping operators protected in all conditions.

- All-round Visibility – Standard 360° cameras with side lighting eliminate blind spots and enhance safety in low-light conditions.
- Orange Handrails – High-visibility orange guardrails and steps prevent slips/falls during machine entry and exit.
- Parallel windshield wipers deliver wider coverage, clearing rain, snow, dirt, and debris to maximized visibility in harsh conditions.

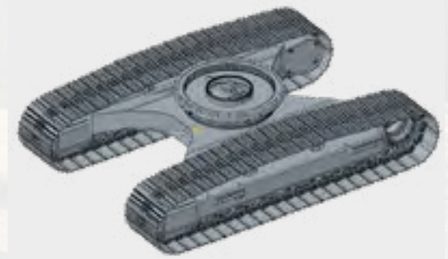




ENGINEERED FOR MAXIMUM UPTIME

The 925FCR delivers more working hours, lower maintenance costs, and maximum machine availability with:

- Synchronized Service Interval – All filters have been synchronised to replace every 500 hours to reduce downtime.
- Strong Undercarriage – The undercarriage is designed with X-frame for optimal maintenance and minimal downtime.
- Longer Component Life – Automatic lubrication system reduces the need for manual lubrication and extends component life.
- 5,000-Hour Hydraulic Oil – Optional long-life hydraulic oil delivers an extended service life of up to 2.5 times than that of conventional hydraulic oils, reducing change frequency and downtime.





925FCR SPECIFICATIONS

Operating weight	25,500-28,200 kg
Operating weight includes coolant, lubricants, full fuel tank, cab, standard shoes, boom, arm, bucket and operator 75 kg.	
Bucket capacity	0.9-1.2 m³

ENGINE

Description

Cummins EPA Tier 4 final / EU Stage V, 6-cylinder straight Variable-Geometry Turbocharger (VGT), high pressure common rail, electronically controlled direct injection. Air cleaner: Cummins direct flow air filter. Cooling system: Air-to-air intercooler

Emission rating	EPA Tier 4 final / EU Stage V
Engine manufacturer	Cummins
Engine model	B6.7
Aspiration	Variable-Geometry Turbocharger (VGT)
Charged air cooling	Aftercooler
Cooling fan drive	Electric motor
Displacement	6.7 L
Engine output - net (SAE J1349 / ISO 9249)	116 kW @ 2,200 rpm
Engine output - rated (SAE J1995 / ISO 14396)	116 kW @ 2,200 rpm
Maximum torque	746 N·m @ 1,300 rpm
Bore × Stroke	107 × 124 mm

DRIVE AND BRAKES

Description

2-speed axial piston motors with oil disk brakes. Steering controlled by two hand levers with pedals.

Max. travel speed	High: 5.4 km/h Low: 3.1 km/h
Gradeability	35°/70%
Max. drawbar pull	220 kN

HYDRAULIC SYSTEM

Main pump

Type	Two variable displacement piston pumps
Maximum flow	2 × 228 L/min

Pilot pump

Type	Gear pump
Maximum flow	17.5 L/min

Relief valve setting

Implement	34.3 / 37.3 MPa
Travel circuit	34.3 MPa
Slew circuit	31 MPa
Pilot circuit	3.9 MPa

Hydraulic cylinders

Boom Cylinder – Bore × Stroke	Φ125 × 1,353 mm
Stick Cylinder – Bore×Stroke	Φ135 × 1,490 mm
Bucket Cylinder – Bore × Stroke	Φ115 × 1,120 mm

SWING SYSTEM

Description

Planetary gear reduction driven by high torque axial piston motor, with oil disk brake. Swing parking brake resets within five seconds after swing pilot controls return to neutral.

Swing speed	10.5 rpm
Swing torque	78,000 N·m

ELECTRIC SYSTEM

System Voltage	24 V
Batteries	2 x 12 V
Alternator	24 V-180 A
Start motor	24 V -7.8 kW

UNDERCARRIAGE

Track shoe each side	49
Link pitch	190 mm
Shoe width, triple grouser	600 mm
Bottom rollers each side	8
Top rollers each side	2

SERVICE CAPACITIES

Fuel tank	320 L
Engine oil	25 L
Final drive (each)	5.5 L
Swing drive	3.4 L
Cooling system	25 L
Hydraulic reservoir	182 L
Hydraulic system total	320 L
DEF tank	44 L

SOUND PERFORMANCE

Interior sound power level (ISO 6396)	69 dB(A)
Exterior sound power level (ISO 6395)	100 dB(A)





DIMENSIONS	925FCR	925FCR
Boom	5,710 mm	5,710 mm
Arm Options	2,915 mm	2,400 mm
A Shipping Length	8,960 mm	9,670 mm
B Shipping Height – Top of Boom	3,060 mm	3,150 mm
C Track Gauge	2,390 mm	
D Undercarriage Width – 600 mm shoes	2,990 mm	
700 mm shoes	3,090 mm	
800 mm shoes	3,190 mm	
900 mm shoes	3,290 mm	
E Length to Center of Rollers	3,650 mm	
F Track Length	4,450 mm	
G Overall Width of Upper Structure	2,990 mm	
H Tail Swing Radius	1,780 mm	
I Counterweight Ground Clearance	1,010 mm	
J Overall Height of Cab	2,980 mm	
J (i) Height of Cab Including Lighting Halo	3,060 mm	
J (ii) Height of Cab Including FOPS Guard	3,120 mm	
K Min. Ground Clearance	470 mm	
L Track Shoe Width	600 mm	



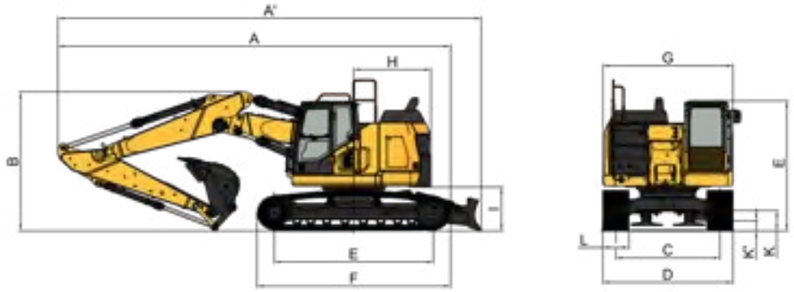


BOOM DIMENSIONS	925FCR
Boom	5,710 mm
A Length	5,898 mm
B Height	1,630 mm
C Width	622 mm
D Width	788 mm
Weight	2,120 kg

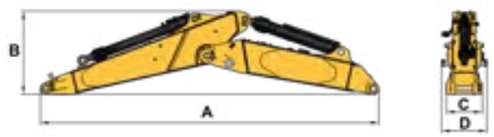
Includes arm cylinder, piping and pin.

ARM DIMENSIONS		
Arm	2,915 mm	2,400 mm
A Length	3,918 mm	3,375 mm
B Height	826 mm	820 mm
C Width	476 mm	476 mm
Weight	1,115 kg	1,030 kg

Includes bucket cylinder, linkage and pin.



DIMENSIONS	925FCR TPB
Boom	5,700 mm
Arm Length	2,915 mm
A Shipping Length	9,010 mm
A' Shipping Length (with dozar)	9,720 mm
B Shipping Height – Top of Boom	3,200 mm
C Track Gauge	2,390 mm
D Undercarriage Width – 600 mm shoes	2,990 mm
700 mm shoes	3,090 mm
800 mm shoes	3,190 mm
900 mm shoes	3,290 mm
E Length to Center of Rollers	3,650 mm
F Track Length	4,450 mm
G Overall Width of Upper Structure	2,990 mm
H Tail Swing Radius	1,780 mm
I Counterweight Ground Clearance	1,010 mm
J Overall Height of Cab	2,980 mm
J (i) Height of Cab Including Lighting Halo	3,060 mm
J (ii) Height of Cab Including FOPS Guard	3,120 mm
K Min. Ground Clearance	470 mm
L Track Shoe Width	600 mm



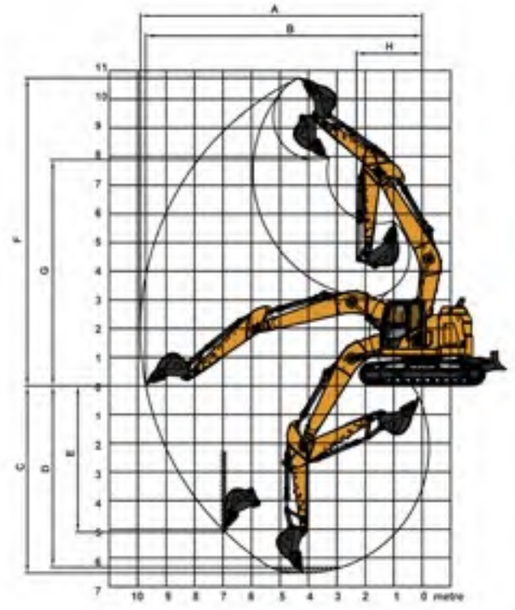
BOOM DIMENSIONS	925FCR TPB
Boom	5,700 mm
A Length	5,885 mm
B Height	1,440 mm
C Width	622 mm
D Width	788 mm
Weight	2,860 kg

Includes arm cylinder, piping and pin.

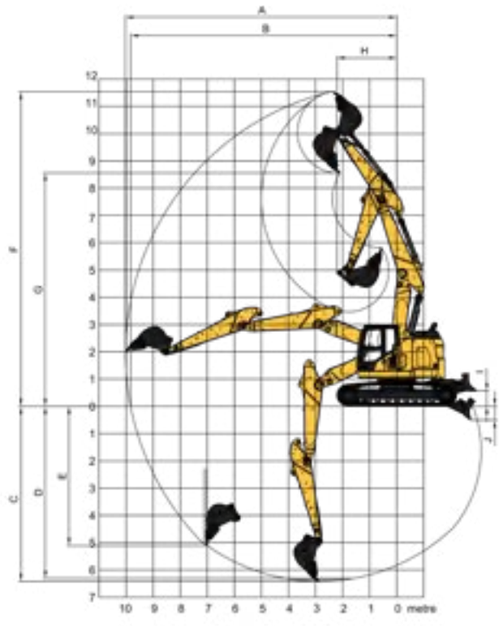


ARM DIMENSIONS		
Arm	2,915 mm	2,400 mm
A Length	3,918 mm	3,375 mm
B Height	826 mm	820 mm
C Width	476 mm	476 mm
Weight	1,115 kg	1,030 kg

Includes bucket cylinder, linkage and pin.



WORKING RANGE		925FCR	
Boom Length		5,710 mm	5,710 mm
Arm Length		2,915 mm	2,400 mm
A. Max. Digging Reach		9,906 mm	9,530 mm
B. Max. Digging Reach on Ground		9,720 mm	9,360 mm
C. Max. Digging Depth		6,530 mm	6,250 mm
D. Max. Digging Depth, 2.44 m Level		6,330 mm	6,050 mm
E. Max. Vertical Wall Digging Depth		5,100 mm	5,175 mm
F. Max. Cutting Height		10,740 mm	9,810 mm
G. Max. Dumping Height		7,890 mm	7,010 mm
H. Min. Front Swing Radius		2,310 mm	3,210 mm
Bucket Digging Force (ISO)	Normal	140 kN	140 kN
	Power Boost	153 kN	153 kN
Stick Digging Force (ISO)	Normal	97 kN	116 kN
	Power Boost	105 kN	126 kN
Bucket Capacity		1.0 m^3	1.0 m^3
Bucket Tip Radius		1,478 mm	1,478 mm



WORKING RANGE		925FCR TPB
Boom Length		5,700 mm
Arm Length		2,915 mm
A. Max. Digging Reach		10,020 mm
B. Max. Digging Reach on Ground		9,830 mm
C. Max. Digging Depth		6,420 mm
D. Max. Digging Depth, 2.44 m Level		6,310 mm
E. Max. Vertical Wall Digging Depth		5,100 mm
F. Max. Cutting Height		11,540 mm
G. Max. Dumping Height		8,560 mm
H. Min. Front Swing Radius		2,210 mm
Bucket Digging Force (ISO)	Normal	140 kN
	Power Boost	152.5 kN
Stick Digging Force (ISO)	Normal	97 kN
	Power Boost	105 kN
Bucket Capacity		1.0 m³
Bucket Tip Radius		1,478 mm

MACHINE WEIGHTS AND GROUND PRESSURE

Shoe width	925FCR			925FCR TPB		
	Operating weight	Ground pressure	Overall width	Operating weight	Ground pressure	Overall width
	5,710 mm boom, 2,915 mm arm, 1.0 m³ bucket, 6,400 kg counterweight			5,700 mm boom, 2,915 mm arm, 1.0 m³ , with dozar, 6,400 kg counterweight		
600 mm	25,800 kg	53.7 kPa	2,990 mm	28,400 kg	59.1 kPa	2,990 mm
700 mm	26,200 kg	46.7 kPa	3,090 mm	28,800 kg	51.4 kPa	3,090 mm
800 mm	26,500 kg	41.4 kPa	3,190 mm	29,100 kg	45.4 kPa	3,190 mm
900 mm	26,650 kg	37 kPa	3,290 mm	29,250 kg	40.6 kPa	3,290 mm

BUCKET SELECTION GUIDE

					5.71 m or 5.7 m Boom	
Bucket type	Capacity	Cutting width	Weight	Teeth pcs	2.4 m Arm	2.915 m Arm
Earth type	0.9 m³	1,200 mm	734 kg	5	B	B
Earth type	1.0 m³	1,260 mm	779 kg	5	B	B
Earth type	1.1 m³	1,330 mm	806 kg	5	B	B
Earth type	1.2 m³	1,390 mm	831 kg	5	B	B
General type	1.0 m³	1,260 mm	859 kg	5	C	C
General type	1.1 m³	1,330 mm	896 kg	5	C	C
Rock type	1.0 m³	1,300 mm	1,046 kg	5	D	D
Rock type	1.1 m³	1,370 mm	1,095 kg	5	D	D

The recommendations are given as a guide only, based on typical operation conditions.
Bucket capacity based on ISO 7451, heaped material with a 1:1 angle of repose.

Maximum material density:
A. 1,200-1,300 kg/m³ : Coal, Caliche, Shale
B. 1,400-1,600 kg/m³ : Wet earth and clay, limestone, sandstone
C. 1,700-1,800 kg/m³ : Granite, wet sand, well blasted rock
D. 1,900 kg/m³: Wet mud, Iron ore
NA. Not applicable

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.


Rating over-front (Cf)


Rating over-side (Cs)

1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.
4. Lifting capacities are based on machine standing on level, firm and uniform ground.
5. *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at all times.

LIFTING CAPACITY

925FCR with 700 mm Shoes, 5,710 mm Boom, 2,915 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rating loads over front
Cs: Rating loads over side

Conditions:
Boom length: 5,710 mm
Arm length: 2,915 mm
Bucket: None
counterweight: 6,400 kg
Shoes: 700 mm triple grouser
Unit: kg



A (Unit: m)

B (m)		3		4.5		6		7.5		8		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
7.5	kg			*4,389	*4,389	*4,615	*4,615					*4,008	*4,008	6.2
6.0	kg			*4,837	*4,837	*4,847	*4,847					*3,792	*3,792	7.3
4.5	kg	*7,945	*7,945	*6,179	*6,179	*5,443	5,255	*5,149	3,735			*3,607	3,361	8
3.0	kg			*8,125	7,476	*6,351	4,987	*5,557	3,621	*5,414	3,288	*4,000	3,106	8.3
1.5	kg			*9,914	6,943	*7,281	4,729	5,982	3,496	5,451	3,196	*4,029	2,983	8.4
GROUND LEVEL	kg	*6,240	*6,240	*10,904	6,672	*7,956	4,554	5,883	3,406	5,381	3,133	*4,388	3,035	8.2
-1.5	kg	*10,467	*10,467	*11,082	6,613	8,021	4,490	5,863	3,388			5,761	3,335	7.6
-3.0	kg	*14,991	12,654	*10,491	6,705	*7,804	4,547					*6,649	3,903	6.8

LIFTING CAPACITY

925FCR with 700 mm Shoes, 5,710 mm Boom, 2,915 mm Arm, with dozer

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rating loads over front
Cs: Rating loads over side

Conditions
Boom length: 5,710 mm
Arm length: 2,915 mm
Bucket: None
counterweight: 6,400 kg
Shoes: 700 mm triple grouser
Unit: kg



A (Blade Up)

B (m)		3		4.5		6		7.5		8		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
7.5	kg			*4,389	*4,389	*4,615	*4,615					*4,008	*4,008	6.2
6.0	kg			*4,837	*4,837	*4,847	*4,847					*3,792	3,711	7.3
4.5	kg	*7,945	*7,945	*6,179	*6,179	*5,443	4,946	*5,149	3,500			*3,607	3,143	8
3.0	kg			*8,125	7,027	*6,351	4,678	*5,557	3,385	*5,414	3,070	*4,000	2,898	8.3
1.5	kg			*9,914	6,494	*7,281	4,420	5,874	3,260	5,351	2,978	*4,029	2,777	8.4
GROUND LEVEL	kg	*6,240	*6,240	*10,904	6,223	7,947	4,246	5,774	3,171	5,281	2,915	*4,388	2,823	8.2
-1.5	kg	*10,467	*10,467	*11,082	6,164	7,873	4,182	5,755	3,153			5,655	3,104	7.6
-3.0	kg	*14,991	11,832	*10,491	6,256	*7,804	4,238					*6,649	3,638	6.8

LIFTING CAPACITY

925FCR with 700 mm Shoes, 5,710 mm Boom, 2,915 mm Arm, with dozer

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rating loads over front
Cs: Rating loads over side

Conditions
Boom length: 5,710 mm
Arm length: 2,915 mm
Bucket: None
counterweight: 6,400 kg
Shoes: 700 mm triple grouser
Unit: kg



A (Blade Down)

B (m)		3		4.5		6		7.5		8		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
7.5	kg			*4,389	*4,389	*4,615	*4,615					*4,008	*4,008	6.2
6.0	kg			*4,837	*4,837	*4,847	*4,847					*3,792	3,711	7.3
4.5	kg	*7,945	*7,945	*6,179	*6,179	*5,443	4,946	*5,149	3,500			*3,607	3,143	8
3.0	kg			*8,125	7,027	*6,351	4,678	*5,557	3,385	*5,414	3,070	*4,000	2,898	8.3
1.5	kg			*9,914	6,494	*7,281	4,420	5,874	3,260	5,351	2,978	*4,029	2,777	8.4
GROUND LEVEL	kg	*6,240	*6,240	*10,904	6,223	7,947	4,246	5,774	3,171	5,281	2,915	*4,388	2,823	8.2
-1.5	kg	*10,467	*10,467	*11,082	6,164	7,873	4,182	5,755	3,153			5,655	3,104	7.6
-3.0	kg	*14,991	11,832	*10,491	6,256	*7,804	4,238					*6,649	3,638	6.8

LIFTING CAPACITY

925FCR TPB with 600 mm Shoes, 5,700 mm Boom, 2,915 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rating loads over front
Cs: Rating loads over side

Conditions:
Boom length: 5,700 mm
Arm length: 2,915 mm
Bucket: None
counterweight: 6,400 kg
Shoes: 600 mm triple grouser
Unit: kg



A (Unit: m)

B (m)		3		4.5		6		7.5		8		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
9.0	kg											*4,564	*4,564	3.9
7.5	kg			*5,788	*5,788							*3,850	*3,850	5.9
6.0	kg			*6,116	*6,116	*5,717	5,342					*3,845	*3,845	7
4.5	kg	*9,566	*9,566	*7,265	*7,265	*6,193	5,145	*4,687	3,599			*3,850	3,439	7.7
3.0	kg	*12,180	*12,180	*8,912	7,327	*6,929	4,846	*5,929	3,476	*4,353	3,138	*3,781	3,075	8.1
1.5	kg			*10,319	6,698	*7,631	4,546	5,803	3,333	*5,212	3,035	*4,557	2,980	8.1
GROUND LEVEL	kg	*7,761	*7,761	*10,888	6,350	7,841	4,333	5,683	3,225			*5,076	3,010	7.9
-1.5	kg	*11,931	11,700	*10,585	6,250	7,739	4,244					5,757	3,252	7.4
-3.0	kg	*12,855	11,955	*9,384	6,331	*6,949	4,297					*6,345	3,968	6.4

LIFTING CAPACITY

925FCR TPB with 600 mm Shoes, 5,700 mm Boom, 2,915 mm Arm, with dozer

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rating loads over front
Cs: Rating loads over side

Conditions:
Boom length: 5,700 mm
Arm length: 2,915 mm
Bucket: None
counterweight: 6,400 kg
Shoes: 600 mm triple grouser
Unit: kg



A (Blade Up)

B (m)		3		4.5		6		7.5		8		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
9.0	kg											*4,564	*4,564	3.9
7.5	kg			*5,788	*5,788							*3,850	*3,850	5.9
6.0	kg			*6,116	*6,116	*5,717	5,132					*3,845	*3,845	7
4.5	kg	*9,566	*9,566	*7,265	*7,265	*6,193	4,936	*4,687	3,440			*3,850	3,285	7.7
3.0	kg	*12,180	*12,180	*8,912	7,022	*6,929	4,636	*5,929	3,316	*4,353	2,991	*3,781	2,929	8.1
1.5	kg			*10,319	6,394	*7,631	4,336	5,792	3,173	*5,212	2,887	*4,557	2,834	8.1
GROUND LEVEL	kg	*7,761	*7,761	*10,888	6,046	7,827	4,124	5,673	3,066			*5,076	2,860	7.9
-1.5	kg	*11,931	11,143	*10,585	5,945	7,724	4,035					5,746	3,090	7.4
-3.0	kg	*12,855	11,398	*9,384	6,027	*6,949	4,088					*6,345	3,774	6.4

LIFTING CAPACITY

925FCR TPB with 600 mm Shoes, 5,700 mm Boom, 2,915 mm Arm, with dozer

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rating loads over front
Cs: Rating loads over side

Conditions:
Boom length: 5,700 mm
Arm length: 2,915 mm
Bucket: None
counterweight: 6,400 kg
Shoes: 600 mm triple grouser
Unit: kg



A (Blade Down)

B (m)		3		4.5		6		7.5		8		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
9.0	kg											*4,564	*4,564	3.9
7.5	kg			*5,788	*5,788							*3,850	*3,850	5.9
6.0	kg			*6,116	*6,116	*5,717	5,132					*3,845	*3,845	7
4.5	kg	*9,566	*9,566	*7,265	*7,265	*6,193	4,936	*4,687	3,440			*3,850	3,285	7.7
3.0	kg	*12,180	*12,180	*8,912	7,022	*6,929	4,636	*5,929	3,316	*4,353	2,991	*3,781	2,929	8.1
1.5	kg			*10,319	6,394	*7,631	4,336	*6,234	3,173	*5,212	2,887	*4,557	2,834	8.1
GROUND LEVEL	kg	*7,761	*7,761	*10,888	6,046	*8,018	4,124	*6,356	3,066			*5,076	2,860	7.9
-1.5	kg	*11,931	11,143	*10,585	5,945	*7,889	4,035					*5,944	3,090	7.4
-3.0	kg	*12,855	11,398	*9,384	6,027	*6,949	4,088					*6,345	3,774	6.4

STANDARD EQUIPMENT

ENGINE
- Cummins B6.7 engine, EPA Tier 4F/EU Stage V, turbocharged, 6-cylinder, 4-stroke, water- cooled
- Electric refueling pump with auto shutoff

HYDRAULIC SYSTEM
- Dual-way auxiliary circuit via electronic proportional joystick control
- On-screen auxiliary line switching, one-way or two-way
- Pressure adjustable quick coupler line

BOOM & ARM
- 5,710 mm boom
- 2,915 mm arm
- Boom & arm load holding valves

OPERATOR STATION
- ROPS certified cab
- 10 inch high resolution touch screen
- Heating and cooling air conditioning
- Fire extinguisher
- Heated air suspension seat with 3 inch red retractable seatbelt
- Tilting pod
- Sun visor
- 12V power outlet
- DAB radio

ELECTRICAL
- Warnings: low engine oil pressure, low fuel level, air filter clog, machine overheat, and maintenance reminder
- Parallel wiper
- 4 LED lights on the boom
- 2 LED lights on the counterweight
- 4 LED lights front and 2 LED lights on the rear of the cab
- LED light bars on the front and rear of the cab
- 360-degree cameras with side lighting
- Rotating beacon
- Travel alarm
- Swing alarm
- Overload warning
- Quick coupler on warning
- T-BOX

UNDERCARRIAGE
- Rollers, top - 2 each side
- Rollers, bottom - 8 each side
- 600 mm track-shoes with triple grousers
- Track chain, 3 each side

UPPER STRUCTURE
- Guardrails
- Left-hand side rear-view mirror
- Right-hand side rear-view mirror
- 2mm under covers
- 6,400 kg counterweight

OPTIONAL EQUIPMENT

HYDRAULIC SYSTEM
- Hydraulic hammer return oil filtration
- Boom float function

OPERATOR STATION
- Heated and ventilated suspension seat

DEMOLITION SPEC
- Reinforced undercovers
- LED light bars on the front and rear of the cab
- Operation protection guard (includes cab front and top guard, bar)
- Bucket cylinder guard
- Platform side guard

UPPERSTRUCTURE
- Upper frame guard

UNDERCARRIAGE
- 700 mm track shoes, triple grouser
- 800 mm track shoes, triple grouser
- 900 mm steel track shoes, triple grouser

SERVICE & MAINTENANCE
- Long-life hydraulic oil (change interval 5,000 hours)
- Centralized lubrication system

BOOM & ARM
- 2-piece boom
- 2,400 mm arm

ATTACHMENT
- 0.9 m^3 earth-moving bucket
- 1.1 m^3 genereal purpose bucket
- 1.2 m^3 light duty digging bucket
- Hydraulic quick coupler

LIUGONG

TOUGH WORLD. TOUGH EQUIPMENT.

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LiuGong

ALL NEW F-SERIES

930F
933F
EXCAVATORS

Engine	Cummins B6.7
Rated Power	173 kW @ 2,200 rpm
930F	
Operating Weight	31,500 - 32,400 kg
Bucket Capacity	1.4 m^3
933F	
Operating Weight	34,200 - 35,100 kg
Bucket Capacity	1.4 - 1.6 m^3



TOUGH WORLD. TOUGH EQUIPMENT.

BUILT FOR THE TOUGHEST APPLICATIONS

For over 65 years, LiuGong has built machines that thrive in the toughest environments. The 930F and the 933F, part of our advanced F-Series, are engineered for maximum power, precision, and durability.

Designed to tackle even the most demanding tasks, these machines combine cutting-edge technology with proven reliability to keep you working efficiently in even the harshest conditions.

Since launching our first hydraulic excavator in 1992, we've remained committed to innovation, ensuring every LiuGong machine is built to perform, wherever the job takes you.



YOUR PERFORMANCE DASHBOARD

Research tells us that 6 key performance areas really matter to you. We'd like to use this performance dashboard to present the real, tough facts about our **930F&933F.**

- POWER & EFFICIENCY
- TOUGHNESS & DURABILITY
- SAFETY & VISIBILITY
- UPTIME & MAINTENANCE
- INTELLIGENCE & CONTROL
- COMFORT & ERGONOMICS

THIS IS LIUGONG

- 65+ YEARS EST 1958
- 30+ PRODUCT LINES
- 12 GLOBAL R&D CENTERS
- 30+ GLOBAL OFFICES
- 16,000+ EMPLOYEES
- 20+ GLOBAL MANUFACTURING FACILITIES

THE 930F & 933F IN ACTION...

Engineered with core LiuGong values of Efficient Power, Durability, Ergonomics, Intelligence, Safety and Uptime, the 930F and 933F are built with the latest F Series upgrades, delivering enhanced performance, greater comfort, and improved productivity.

Designed for demanding applications, these two models combine robust engineering with intelligent technology to ensure maximum efficiency and reliability while minimizing operating costs.



LET'S TAKE A CLOSER LOOK...

POWER THAT DRIVES PRODUCTIVITY

Powered by Cummins engine, the 930F and the 933F deliver exceptional performance and with maximum efficiency.

- VGT turbo-charged Cummins engine boosts 5% more torque for increased power and less fuel.
- Engine Auto Idle and Shutdown minimize unnecessary fuel burn, cutting costs and reducing environmental impact.
- With 20% more swing torque, 6% higher travel power, and 10% better fuel efficiency than E Series models—moving more material at lower cost.



TOUGHER BY DESIGN

Engineered for extreme conditions, the heavy-duty components maximize reliability and extend machine life.

- Reinforced undercarriage with bilateral-supported upper rollers improve load distribution while minimizing wear for extended service life.
- Deepened side beam design delivers maximum impact resistance for tough job sites.
- Front and rear supports of the boom and arm are steel castings to reduce torsional resistance.



ENHANCED PROTECTION, SUPERIOR VISIBILITY

LiuGong prioritises operator safety and visibility to improve awareness and reduce risks on-site.

- Demolition specifications protect the operators from falling debris and reduces downtime by preventing machine damage in hazardous environments.
- Standard 360 degree cameras with side lighting provides improved visibility at nights.
- High-visibility orange handrails and steps reduce missteps and enhance safety.



BUILT TO LAST, EASY TO MAINTAIN

Smart service features and durable components keep downtime low and efficiency high.

- Maintenance points are easy to access for quick and safe daily inspection and checks.
- All engine oil filter replacement intervals have been synchronized to simplify maintenance and reduce downtime.
- Grouped lubrication points enable faster daily service and maintenance. Optional auto-lube system eliminates frequent manual lubrication.



INTELLIGENT PERFORMANCE, SEAMLESS OPERATION

Smart control systems ensure precision, efficiency, and adaptability across different applications.

- An electronically controlled hydraulic system optimizes flow and pressure for greater precision and reduced operator fatigue.
- The 10.1" intuitive display simplifies operation and provides real-time fuel and temperature monitoring.
- Boom float function automatically lowers hydraulic pressure, using gravity to save fuel while keeping precise control—ideal for grading and excavation.



BUILT AROUND YOU

LiuGong machines are designed with the operator at the heart, ensuring all-day comfort and convenience.

- A European-standard DAB radio with upgraded speakers enhances the operating experience.
- USB Type-C and 12 V power connectors provide versatile charging options.
- A standard heated & ventilated seat with lumbar support reduces fatigue during long shifts.



930F & 933F SPECIFICATIONS

Operating Weight	**930F** 31,500 - 32,400 kg **933F** 34,200 - 35,100 kg
Operating weight includes coolant, lubricants, full fuel tank, cab, standard shoes, boom, arm, bucket and operator 75 kg.	
Bucket Capacity	**930F** 1.4 m³ **933F** 1.4 - 1.6 m³

ENGINE	
Description	Cummins EU Stage V, 6-cylinder straight, Variable-Geometry Turbocharger (VGT), high pressure common rail, charge air cooler, electronically controlled direct injection.
Emission Rating	EPA Tier 4F / EU Stage V
Engine Manufacturer	Cummins
Engine Model	B6.7
Aspiration	Variable-Geometry Turbocharger (VGT)
Charged Air Cooling	Aftercooler
Cooling Fan Drive	Viscous clutch
Displacement	6.7 L
Engine Output - Net (SAE J1349 / ISO 9249)	161 kW @ 2,200 rpm
Engine Output - Gross (SAE J1995 / ISO 14396)	173 kW @ 2,200 rpm
Maximum torque	949 N·m @ 1,500 rpm
Bore × Stroke	107 × 124 mm

DRIVE AND BRAKES	
Description	2-speed axial piston motors with oil disk brakes. Steering controlled by two hand levers with pedals.
Max. Travel Speed	High: 5.5 km/h Low: 3.0 km/h
Gradeability	35° / 70%
Max. Drawbar Pull	320 kN

SWING SYSTEM	
Description	Planetary gear reduction driven by high torque axial piston motor, with oil disk brake. Swing parking brake resets within five seconds after swing pilot controls return to neutral.
Swing Speed	10.3 rpm
Swing Torque	126,000 N·m

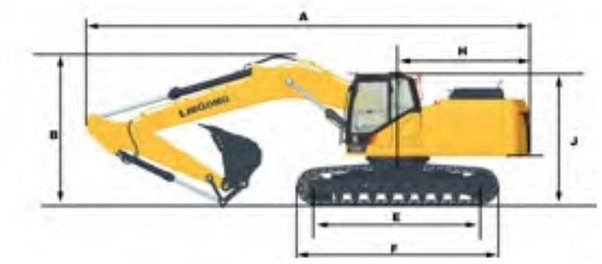
ELECTRICAL SYSTEM	
System Voltage	24 V
Batteries	2 x 12 V
Alternator	24 V - 70 A
Start motor	24 V - 7.8 kW

HYDRAULIC SYSTEM	
Main Pump	
Type	Two variable displacement piston pumps
Maximum flow	2 × 266 L/min
Pilot pump	
Type	Gear pump
Maximum flow	19 L/min
Relief valve setting	
Implement	34.3 / 37.3 (Power Boost) MPa
Travel circuit	34.3 MPa
Slew circuit	32.4 MPa
Pilot circuit	3.5 - 3.9 MPa
Hydraulic cylinders	
Boom Cylinder – Bore×Stroke	Φ 140 × 1,342 mm
Stick Cylinder – Bore×Stroke	Φ 150 × 1,755 mm
Bucket Cylinder – Bore×Stroke	Φ 140 × 1,135 mm

UNDERCARRIAGE	
Track shoe each side	**930F** 51 **933F** 49
Link pitch	**930F** 203 mm **933F** 216 mm
Shoe width, triple grouser	600 mm
Bottom rollers each side	9
Top rollers each side	2

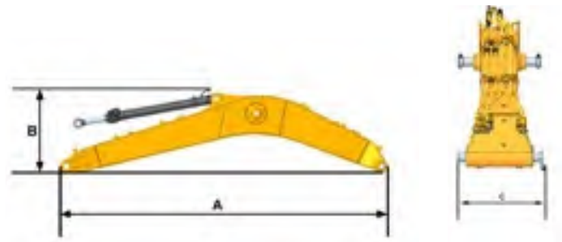
SERVICE CAPACITIES	
Fuel Tank	520 L
Engine Oil	23 L
Final Drive (each)	2 × 9.5 L
Swing Drive	10.5 L
Cooling System	35 L
Hydraulic Reservoir	195 L
Hydraulic System Total	360 L
DEF Tank	65 L

SOUND PERFORMANCE	
Interior Sound Power Level (ISO 6396)	69 dB(A)
Exterior Sound Power Level (ISO 6395)	103 dB(A)





DIMENSIONS	930F	
Boom	6,200 mm	
Arm	2,600 mm	3,050 mm
A Shipping Length	10,650 mm	
B Shipping Height – Top of Boom	3,525 mm	
C Track Gauge	2,390 / 2,590 mm	
D Undercarriage Width – 600 mm Shoes	2,990 / 3,190 mm	
E Length to Center of Rollers	4,010 mm	
F Track Length	4,935 mm	
G Track Shoe Width	600 mm	
H Tail Swing Radius	3,233 mm	
I Counterweight Ground Clearance	1,250 mm	
J Overall Height of Cab	3,175 mm	
Overall Height of Cab- with operator protective top guard	3,310 mm	
K Min. Ground Clearance	535 mm	
L Overall Length of Upper Structure (w/o anti-collision beam)	2,995 mm	
Overall Length of Upper Structure (with anti-collision beam)	3,163 mm	



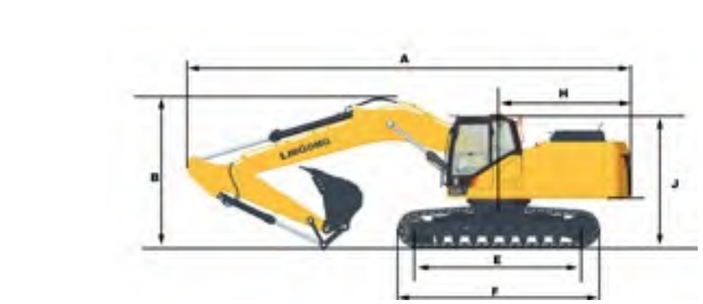


BOOM DIMENSIONS	930F
Boom	6,200 mm
A Length	6,430 mm
B Height	1,557 mm
C Width	942 mm
Weight	2,839 kg

Cylinder, piping and pin included. Boom cylinder pin excluded.

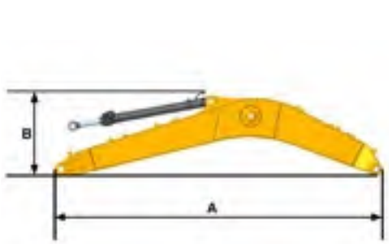
ARM DIMENSIONS	930F	
Arm	2,600 mm	3,050 mm
A Length	3,800 mm	4,224 mm
B Height	1,045 mm	1,016 mm
C Width	618 mm	618 mm
Weight	1,752 kg	1,720 kg

Cylinder, linkage and pin included.





DIMENSIONS	933F	
Boom	6,200 mm	
Arm	2,600 mm	3,050 mm
A Shipping Length	10,700 mm	
B Shipping Height – Top of Boom	3,525 mm	
C Track Gauge	2,390 / 2,590 mm	
D Undercarriage Width – 600 mm Shoes	2,990 / 3,190 mm	
E Length to Center of Rollers	4,140 mm	
F Track Length	5,075 mm	
G Track Shoe Width	600 mm	
H Tail Swing Radius	3,280 mm	
I Counterweight Ground Clearance	1,250 mm	
J Overall Height of Cab	3,175 mm	
Overall Height of Cab- with operator protective top guard	3,310 mm	
K Min. Ground Clearance	535 mm	
L Overall Length of Upper Structure (w/o anti-collision beam)	2,995 mm	
Overall Length of Upper Structure (with anti-collision beam)	3,163 mm	





BOOM DIMENSIONS	933F
Boom	6,200 mm
A Length	6,430 mm
B Height	1,557 mm
C Width	942 mm
Weight	3,034 kg

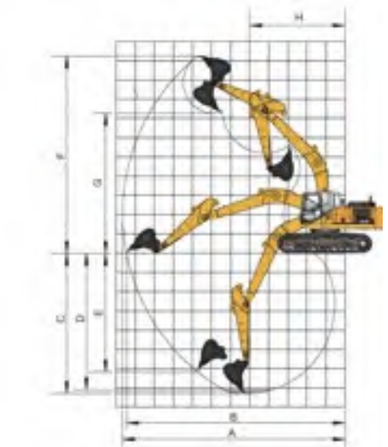
Cylinder, piping and pin included. Boom cylinder pin excluded.





ARM DIMENSIONS	933F	
Arm	2,600 mm	3,050 mm
A Length	3,800 mm	4,224 mm
B Height	1,045 mm	1,016 mm
C Width	618 mm	618 mm
Weight	1,752 kg	1,834 kg

Cylinder, linkage and pin included.



WORKING RANGE	930F/933F	
Boom Length	6,200 mm	
Arm Length	2,600 mm	3,050 mm
A. Max. Digging Reach	10,250 mm	10,653 mm
B. Max. Digging Reach on Ground	10,032 mm	10,453 mm
C. Max. Digging Depth	6,825 mm	7,300 mm
D. Max. Digging Depth, 2.44 m Level	6,590 mm	7,096 mm
E. Max. Vertical Wall Digging Depth	5,450 mm	6,216 mm
F. Max. Cutting Height	10,007 mm	10,300 mm
G. Max. Dumping Height	7,086 mm	7,265 mm
H. Min. Front Swing Radius	4,040 mm	
Bucket Digging Force (ISO)	203 kN	
Stick Digging Force (ISO)	149 kN	165 kN
Bucket Capacity	1.4 m^3	
Bucket Tip Radius	1,671 mm	

MACHINE WEIGHTS AND GROUND PRESSURE 930F

Shoe width	Operating weight	Ground pressure	Overall width
	6.2 m boom, 3.05 m arm, 1.4 m³ bucket, 5,200 kg counterweight		
600 mm	31,500 kg	59.2 kPa	2,995 mm
700 mm	31,900 kg	51 kPa	2,995 mm
800 mm	32,300 kg	45 kPa	2,995 mm
900 mm	32,700 kg	40 kPa	2,995 mm

MACHINE WEIGHTS AND GROUND PRESSURE 933F

Shoe width	Operating weight	Ground pressure	Overall width
	6.2 m boom, 3.05 m arm, 1.4 m³ bucket, 6,700 kg counterweight		
600 mm	34,200 kg	62.5 kPa	2,995 mm
700 mm	34,600 kg	54 kPa	2,995 mm
800 mm	35,000 kg	48 kPa	2,995 mm
900 mm	35,400 kg	43 kPa	2,995 mm

BUCKET SELECTION GUIDE 930F

					6.4 m Boom	
Bucket type	Capacity	Cutting width	Weight	Teeth pcs	2.6 m Arm	3.6 m Arm
General purpose bucket	1.4 m³	1,445 mm	1,385 kg	5	C & D	-

The recommendations are given as a guide only, based on typical operation conditions.
Bucket capacity based on ISO 7451, heaped material with a 1:1 angle of repose.

Maximum material density:
A. 1,200-1,300 kg/m³: Coal, Caliche, Shale
B. 1,400-1,600 kg/m³: Wet earth and clay, limestone, sandstone
C. 1,700-1,800 kg/m³: Granite, wet sand, well blasted rock
D. 1,900 kg/m³: Wet mud, Iron ore
NA. Not applicable

BUCKET SELECTION GUIDE 933F

					6.2 m Boom	
Bucket type	Capacity	Cutting width	Weight	Teeth pcs	2.6 m Arm	3.6 m Arm
General purpose bucket	1.4 m³	1,445 mm	1,385 kg	5	C & D	-
General purpose bucket	1.6 m³	1,565 mm	1,485 kg	5	-	C & D

The recommendations are given as a guide only, based on typical operation conditions.
Bucket capacity based on ISO 7451, heaped material with a 1:1 angle of repose.

Maximum material density:
A. 1,200-1,300 kg/m³: Coal, Caliche, Shale
B. 1,400-1,600 kg/m³: Wet earth and clay, limestone, sandstone
C. 1,700-1,800 kg/m³: Granite, wet sand, well blasted rock
D. 1,900 kg/m³: Wet mud, Iron ore
NA. Not applicable

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.


Rating over-front (Cf)


Rating over-side (Cs)

1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.
4. Lifting capacities are based on machine standing on level, firm and uniform ground.
5. *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at all times.

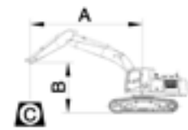
LIFTING CAPACITY

930F with 600 mm Shoes, 6,200 mm Boom, 2,600 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rated loads over front
Cs: Rated loads over side or 360°
* Indicates the load is limited by hydraulic capacity rather than tipping capacity

Conditions

Boom length: 6,200 mm
Arm length: 2,600 mm
Bucket: None
Counterweight: 5,200 kg
Track Shoe Width: 600 mm
Track Gauge: 2,590 mm
Unit: kg



A (Unit: m)

B (m)		3		4.5		6		7.5		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6.0	kg					*7,558	*7,558	*7,388	6,842	*7,407	6,702	7.6
4.5	kg			*10,492	*10,492	*8,557	*8,557	*7,700	6,737	*7,551	5,920	8.2
3.0	kg			*13,310	12,974	*9,844	8,829	*8,307	6,562	*7,277	5,446	8.6
1.5	kg			*15,261	12,404	*10,985	8,511	*8,916	6,398	*8,031	5,369	8.6
GROUND LEVEL	kg			*15,836	12,229	*11,644	8,333	*9,299	6,296	*8,319	5,485	8.4
-1.5	kg	*13,578	*13,578	*15,485	12,261	*11,677	8,299	*9,212	6,292	*8,777	6,012	7.8
-3.0	kg	*19,284	*19,284	*14,277	12,439	*10,883	8,410			*9,182	7,088	6.9
-4.5	kg	*15,525	*15,525	*11,627	*11,627					*9,318	*9,318	5.5

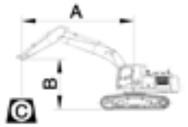
LIFTING CAPACITY

930F with 600 mm Shoes, 6,200 mm Boom, 3,050 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rated loads over front
Cs: Rated loads over side or 360°
* Indicates the load is limited by hydraulic capacity rather than tipping capacity

Conditions

Boom length: 6,200 mm
Arm length: 3,050 mm
Bucket: None
Counterweight: 5,200 kg
Track Shoe Width: 600 mm
Track Gauge: 2,590 mm
Unit: kg



A (Unit: m)

B (m)		3		4.5		6		7.5		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6.0	kg					*6,977	*6,977	*6,852	*6,852	*6,154	*6,154	8.1
4.5	kg			*9,600	*9,600	*8,032	*8,032	*7,291	7,230	*6,045	5,835	8.7
3.0	kg			*12,491	*12,491	*9,402	*9,402	*7,980	7,045	*6,197	5,487	9.0
1.5	kg			*14,790	13,455	*10,677	9,174	*8,652	6,867	*6,981	5,415	9.0
GROUND LEVEL	kg			*15,796	13,179	*11,514	8,961	*9,186	6,742	*7,505	5,523	8.8
-1.5	kg	*12,956	*12,956	*15,766	13,143	*11,748	8,887	*9,291	6,701	*8,257	5,933	8.3
-3.0	kg	*20,740	*20,740	*14,851	13,262	*11,236	8,944			*8,582	6,788	7.5
-4.5	kg	*17,371	*17,371	*12,713	*12,713	*9,348	9,184			*8,879	*8,823	6.2

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.


Rating over-front (Cf)


Rating over-side (Cs)

1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.
4. Lifting capacities are based on machine standing on level, firm and uniform ground.
5. *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
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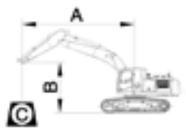
LIFTING CAPACITY

930F with 600 mm Shoes, 6,200 mm Boom, 2,600 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rated loads over front
Cs: Rated loads over side or 360°
* Indicates the load is limited by hydraulic capacity rather than tipping capacity

Conditions

Boom length: 6,200 mm
Arm length: 2,600 mm
Bucket: None
Counterweight: 5,200 kg
Track Shoe Width: 600 mm
Track Gauge: 2,390 mm
Unit: kg



A (Unit: m)

B (m)		3		4.5		6		7.5		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6.0	kg					*6,977	*6,977	*6,852	6,422	*6,154	5,702	8.1
4.5	kg			*9,600	*9,600	*8,032	*8,032	*7,291	6,295	*6,045	5,068	8.7
3.0	kg			*12,491	12,112	*9,402	8,238	*7,980	6,113	*6,197	4,754	9.0
1.5	kg			*14,790	11,483	*10,677	7,907	*8,682	5,938	*6,981	4,683	9.0
GROUND LEVEL	kg			*15,796	11,215	*11,514	7,698	*9,186	5,815	*7,505	4,771	8.8
-1.5	kg	*8,654	*8,654	*12,956	*12,956	*15,766	11,180	*11,748	7,625	*9,291	5,775	*8,257	5,122	8.3
-3.0	kg	*15,061	*15,061	*20,740	*20,740	*14,851	11,296	*11,236	7,682			*8,582	5,860	7.5
-4.5	kg			*17,371	*17,371	*12,713	11,575	*9,348	7,917			*8,879	7,613	6.2

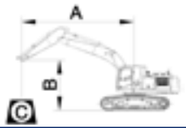
LIFTING CAPACITY

930F with 600 mm Shoes, 6,200 mm Boom, 2,600 mm Arm

A: Load radius
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Bucket: None
Counterweight: 5,200 kg
Track Shoe Width: 600 mm
Track Gauge: 2,390 mm
Unit: kg



A (Unit: m)

B (m)		3		4.5		6		7.5		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6.0	kg					*7,558	*7,558	*7,388	6,349	*7,407	6,219	7.6
4.5	kg			*10,492	*10,492	*8,557	8,517	*7,700	6,246	*7,551	5,490	8.2
3.0	kg			*13,310	11,849	*9,844	8,142	*8,307	6,074	*7,277	5,046	8.6
1.5	kg			*15,261	11,296	*10,985	7,830	*8,916	5,913	*8,031	4,969	8.6
GROUND LEVEL	kg			*15,836	11,126	*11,644	7,655	*9,299	5,812	*8,319	5,073	8.4
-1.5	kg	*13,578	*13,578	*15,485	11,157	*11,677	7,623	*9,212	5,808	*8,777	5,554	7.8
-3.0	kg	*19,284	*19,284	*14,277	11,330	*10,883	7,731			*9,182	6,539	6.9
-4.5	kg	*15,525	*15,525	*11,627	*11,627					*9,318	8,984	5.5

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.


Rating over-front (Cf)


Rating over-side (Cs)

1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.
4. Lifting capacities are based on machine standing on level, firm and uniform ground.
5. *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at all times.

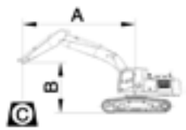
LIFTING CAPACITY

933F with 600 mm Shoes, 6,200 mm Boom, 2,600 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rated loads over front
Cs: Rated loads over side or 360°
* Indicates the load is limited by hydraulic capacity rather than tipping capacity

Conditions

Boom length: 6,200 mm
Arm length: 2,600 mm
Bucket: None
Counterweight: 6,700 kg
Track Shoe Width: 600 mm
Track Gauge: 2,590 mm
Unit: kg



A (Unit: m)

B (m)		3		4.5		6		7.5		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6.0	kg					*7,558	*7,558	*7,388	7,285	*7,404	7,138	7.6
4.5	kg			*10,492	*10,492	*8,557	*8,557	*7,700	7,180	*7,551	6,319	8.2
3.0	kg			*13,310	*13,310	*9,844	9,414	*8,307	7,006	*7,277	5,823	8.6
1.5	kg			*15,261	13,262	*10,985	9,095	*8,916	6,842	*8,031	5,745	8.6
GROUND LEVEL	kg			*15,836	13,087	*11,644	8,917	*9,299	6,740	*8,319	5,872	8.4
-1.5	kg	*13,578	*13,578	*15,485	13,119	*11,677	8,884	*9,212	6,735	*8,777	6,435	7.8
-3.0	kg	*19,284	*19,284	*14,277	13,298	*10,883	8,994			*9,182	7,579	6.9
-4.5	kg	*15,525	*15,525	*11,627	*11,627					*9,318	*9,318	5.5

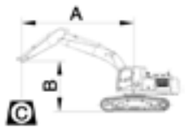
LIFTING CAPACITY

933F with 600 mm Shoes, 6,200 mm Boom, 3,050 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rated loads over front
Cs: Rated loads over side or 360°
* Indicates the load is limited by hydraulic capacity rather than tipping capacity

Conditions

Boom length: 6,200 mm
Arm length: 3,050 mm
Bucket: None
Counterweight: 6,700 kg
Track Shoe Width: 600 mm
Track Gauge: 2,590 mm
Unit: kg



A (Unit: m)

B (m)		3		4.5		6		7.5		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6.0	kg					*6,977	*6,977	*6,852	*6,852	*6,154	*6,154	8.1
4.5	kg			*9,600	*9,600	*8,032	*8,032	*7,291	7,230	*6,045	5,835	8.7
3.0	kg			*12,491	*12,491	*9,402	*9,402	*7,980	7,045	*6,197	5,487	9.0
1.5	kg			*14,790	13,455	*10,677	9,174	*8,652	6,867	*6,981	5,415	9.0
GROUND LEVEL	kg			*15,796	13,179	*11,514	8,961	*9,186	6,742	*7,505	5,523	8.8
-1.5	kg	*12,956	*12,956	*15,766	13,143	*11,748	8,887	*9,291	6,701	*8,257	5,933	8.3
-3.0	kg	*20,740	*20,740	*14,851	13,262	*11,236	8,944			*8,582	6,788	7.5
-4.5	kg	*17,371	*17,371	*12,713	*12,713	*9,348	9,184			*8,879	*8,823	6.2

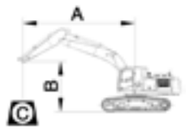
LIFTING CAPACITY

933F with 600 mm Shoes, 6,200 mm Boom, 2,600 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rated loads over front
Cs: Rated loads over side or 360°
* Indicates the load is limited by hydraulic capacity rather than tipping capacity

Conditions

Boom length: 6,200 mm
Arm length: 2,600 mm
Bucket: None
Counterweight: 6,700 kg
Track Shoe Width: 600 mm
Track Gauge: 2,390 mm
Unit: kg



A (Unit: m)

B (m)		3		4.5		6		7.5		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6.0	kg					*7,558	*7,558	*7,388	6,768	*7,404	6,631	7.6
4.5	kg			*10,492	*10,492	*8,557	*8,557	*7,700	6,664	*7,551	5,867	8.2
3.0	kg			*13,310	12,648	*9,844	8,691	*8,307	6,493	*7,277	5,402	8.6
1.5	kg			*15,261	12,094	*10,985	8,379	*8,916	6,331	*8,031	5,325	8.6
GROUND LEVEL	kg			*15,836	11,924	*11,644	8,204	*9,299	6,231	*8,319	5,439	8.4
-1.5	kg	*13,578	*13,578	*15,485	11,956	*11,677	8,172	*9,212	6,227	*8,777	5,954	7.8
-3.0	kg	*19,284	*19,284	*14,277	12,129	*10,883	8,280			*9,182	7,002	6.9
-4.5	kg	*15,525	*15,525	*11,627	*11,627					*9,318	*9,318	5.5

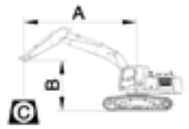
LIFTING CAPACITY

933F with 600 mm Shoes, 6,200 mm Boom, 3,050 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rated loads over front
Cs: Rated loads over side or 360°
* Indicates the load is limited by hydraulic capacity rather than tipping capacity

Conditions

Boom length: 6,200 mm
Arm length: 3,050 mm
Bucket: None
Counterweight: 6,700 kg
Track Shoe Width: 600 mm
Track Gauge: 2,390 mm
Unit: kg



A (Unit: m)

B (m)		3		4.5		6		7.5		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6.0	kg					*6,977	*6,977	*6,852	6,840	*6,154	6,085	8.1
4.5	kg			*9,600	*9,600	*8,032	*8,032	*7,291	6,713	*6,045	5,420	8.7
3.0	kg			*12,491	*12,491	*9,402	8,787	*7,980	6,531	*6,197	5,092	9.0
1.5	kg			*14,790	12,281	*10,677	8,456	*8,682	6,356	*6,981	5,021	9.0
GROUND LEVEL	kg			*15,796	12,013	*11,514	8,247	*9,186	6,233	*7,505	5,118	8.8
-1.5	kg	*12,956	*12,956	*15,766	11,978	*11,748	8,175	*9,291	6,193	*8,257	5,493	8.3
-3.0	kg	*20,740	*20,740	*14,851	12,095	*11,236	8,231			*8,582	6,278	7.5
-4.5	kg	*17,371	*17,371	*12,713	12,373	*9,348	8,466			*8,879	8,140	6.2

STANDARD EQUIPMENT

ENGINE
- Cummins B6.7 engine, EU Stage V, 6-cylinder diesel engine with intercooling, high pressure common rail, electronically controlled direct injection
- Refuelling pump

HYDRAULIC SYSTEM
- Dual-way auxiliary circuit via electronic proportional joystick control
- On-screen auxiliary lines switching, one-way or two-way
- Auxiliary rotation lines with on-screen flow adjustment
- Attachment oil drain line
- Pressure adjustable quick coupler lines
- Hydraulic hammer return oil filtration
- Quick coupler on warning

BOOM & ARM
- 6,200 mm boom
- 3,050 mm arm
- Boom & arm load holding valves
- Boom float function

OPERATOR STATION
- ROPS cab
- Heating and cooling air conditioning
- 10.1 inch touch screen
- Fire extinguisher
- Sun visor
- 12 V power outlet and USB Type-A/C
- DAB radio
- Reversible armrest box with orange handrail
- Parallel windshield wiper
- Heated and ventilated air suspension seat with 3 inch red retractable seatbelt

GUARDS
- 8 mm under covers
- Bucket cylinder guard
- Operation protection guard (cab front and top guard, bar)
- Platform side guard

SERVICE & MAINTENANCE
- Long life hydraulic oil

ELECTRICAL
- 4 LED lights on the boom
- 2 LED lights at the counterweight
- LED light bars on the front and rear of the cab
- Rotating beacon
- Travel and swing alarm
- Overload warning
- Seatbelt beacon
- 360-degree cameras with lighting on both sides
- T-BOX

UNDERCARRIAGE
- Narrow undercarriage
- 600 mm track shoes, triple grouser
- Track guides, 3 each side

OTHERS
- Standard counterweight, 5,200 kg (**930F**)
- Standard counterweight, 6,700 kg (**933F**)

OPTIONAL EQUIPMENT

BOOM & ARM
- 2,600 mm arm

SERVICE & MAINTENANCE
- Centralized lubrication system

UNDERCARRIAGE
- 700 mm track shoes, triple grouser
- 800 mm track shoes, triple grouser
- 900 mm track shoes, triple grouser
- Full length track guard

GUARDS
- Upper frame guard

ATTACHMENT
- General purpose bucket, 1.4 m³
- General purpose bucket, 1.6 m³
- Hydraulic quick coupler

LiuGong

TOUGH WORLD. TOUGH EQUIPMENT.

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LiuGong

936F EXCAVATOR

F-SERIES

Engine	Cummins L9
Net Power	219 kW @ 2,100 rpm
Operating Weight	38,600 - 38,800 kg
Bucket Capacity	1.8 m^3



TOUGH WORLD. TOUGH EQUIPMENT.

BUILT FOR THE TOUGHEST APPLICATIONS

For over 65 years, LiuGong has built machines that thrive in the toughest environments. The 936F, part of our advanced F-Series, is engineered for maximum power, precision, and durability.

Designed to excel in demanding applications, this machine combines cutting-edge technology with proven reliability to keep you working efficiently in even the harshest conditions.

Since launching our first hydraulic excavator in 1992, we've remained committed to innovation, ensuring every LiuGong machine is built to perform, wherever the job takes you.



YOUR PERFORMANCE DASHBOARD

Research tells us that 6 key performance areas really matter to you. We'd like to use this performance dashboard to present the real, tough facts about our **936F.**

- POWER & EFFICIENCY
- TOUGHNESS & DURABILITY
- SAFETY & VISIBILITY
- UPTIME & MAINTENANCE
- INTELLIGENCE & CONTROL
- COMFORT & ERGONOMICS

THIS IS LIUGONG

- **65+** YEARS EST 1958
- **30+** PRODUCT LINES
- **12** GLOBAL R&D CENTERS
- **30+** GLOBAL OFFICES
- **16,000+** EMPLOYEES
- **20+** GLOBAL MANUFACTURING FACILITIES

THE 936F IN ACTION...

Engineered with core LiuGong values of Efficient Power, Durability, Ergonomics, Intelligence, Safety and Uptime, the 936F is built with the latest F Series upgrades, delivering enhanced performance, greater comfort, and improved productivity.

Designed for demanding applications, it combines robust engineering with intelligent technology to ensure maximum efficiency and reliability while minimizing operating costs.



LET'S TAKE A CLOSER LOOK...

POWER THAT DRIVES PRODUCTIVITY

Powered by Cummins engine, the 936F delivers exceptional performance with maximum efficiency.

- VGT turbocharged engine boosts 5% more torque to provide increased power for demanding applications while using less fuel.
- Engine auto idle and shutdown minimize unnecessary fuel burn, cutting costs and reducing environmental impact.
- With 20% more swing torque, 6% higher travel power, and 10% better fuel efficiency than E Series models, the 936F moves more material at lower cost.



TOUGHER BY DESIGN

Engineered for extreme conditions, the 936F's heavy-duty components maximize reliability and extend machine life.

- Reinforced undercarriage with bilateral-supported upper rollers improve load distribution while minimizing wear for extended service life.
- Deepened side beam design delivers maximum impact resistance for tough job sites.
- Front and rear supports of the boom and arm are steel castings to reduce torsional resistance.



ENHANCED PROTECTION, SUPERIOR VISIBILITY

LiuGong prioritises operator safety and visibility to improve awareness and reduce risks on-site.

- Demolition specifications protect the operator from falling debris and reduces downtime by preventing machine damage in hazardous environments.
- Standard 360 degree cameras with side lighting provide improved visibility even at nights.
- High-visibility orange handrails and steps reduce missteps and enhance safety.



BUILT TO LAST, EASY TO MAINTAIN

Smart service features and durable components keep downtime low and efficiency high.

- Maintenance points are easy to access for quick and safe daily inspection and checks.
- All engine oil filter replacement intervals have been synchronized to simplify maintenance and reduce downtime.
- Grouped lubrication points enable faster daily service and maintenance. Optional auto-lube system eliminates frequent manual lubrication.



INTELLIGENT PERFORMANCE, SEAMLESS OPERATION

Smart control systems ensure precision, efficiency, and adaptability across different applications.

- An electronically controlled hydraulic system optimizes flow and pressure for greater precision and reduced operator fatigue.
- The 10.1" intuitive display simplifies operation and provides real-time fuel and temperature monitoring.
- Boom float function automatically lowers hydraulic pressure, using gravity to save fuel while keeping precise control—ideal for grading and excavation.



BUILT AROUND YOU

LiuGong machines are designed with the operator at the heart, ensuring all-day comfort and convenience.

- A European-standard DAB radio with upgraded speakers enhances the operating experience.
- USB Type-C and 12V power connectors provide versatile charging options.
- A standard heated & ventilated seat with lumbar support reduces fatigue during long shifts.



936F SPECIFICATIONS

Operating Weight	38,600 - 38,800 kg
Operating weight includes coolant, lubricants, full fuel tank, cab, standard shoes, boom, arm, bucket and operator 75 kg.	
Bucket Capacity	1.8 m³

ENGINE

Description	Cummins EU Stage V, 6-cylinder straight, Variable-Geometry Turbocharger (VGT), high pressure common rail, charge air cooler, electronically controlled direct injection.
Emission Rating	EPA Tier 4 Final / EU Stage V
Engine Manufacturer	Cummins
Engine Model	L9
Aspiration	Variable-Geometry Turbocharger (VGT)
Charged Air Cooling	Aftercooler
Cooling Fan Drive	Viscous clutch
Displacement	8.9 L
Engine Output - Net (SAE J1349 / ISO 9249)	219 kW @ 2,100 rpm
Engine Output - Gross (SAE J1995 / ISO 14396)	231 kW @ 2,100 rpm
Maximum torque	1,526 N·m @ 1,400 rpm
Bore × Stroke	114 × 145 mm

DRIVE AND BRAKES

Description	2-speed axial piston motors with oil disk brakes. Steering controlled by two hand levers with pedals.
Max. Travel Speed	High: 5.5 km/h Low: 3.4 km/h
Gradeability	35° / 70%
Max. Drawbar Pull	320 kN

SWING SYSTEM

Description	Planetary gear reduction driven by high torque axial piston motor, with oil disk brake. Swing parking brake resets within five seconds after swing pilot controls return to neutral.
Swing Speed	10 rpm
Swing Torque	142,000 N·m

ELECTRICAL SYSTEM

System Voltage	24 V
Batteries	2 x 12 V
Alternator	24 V - 70 A
Start motor	24 V - 8 kW

HYDRAULIC SYSTEM

Main Pump	
Type	Two variable displacement piston pumps
Maximum flow	2 × 351 L/min
Pilot pump	
Type	Gear pump
Maximum flow	28.5 L/min
Relief valve setting	
Implement	34.3 / 37.3 MPa
Travel circuit	34.3 MPa
Slew circuit	32.4 MPa
Pilot circuit	3.5 - 3.9 MPa
Hydraulic cylinders	
Boom Cylinder – Bore×Stroke	Φ 140 × 1,505 mm
Arm Cylinder – Bore×Stroke	Φ 175 × 1,785 mm
Bucket Cylinder – Bore×Stroke	Φ 160 × 1,250 mm

UNDERCARRIAGE

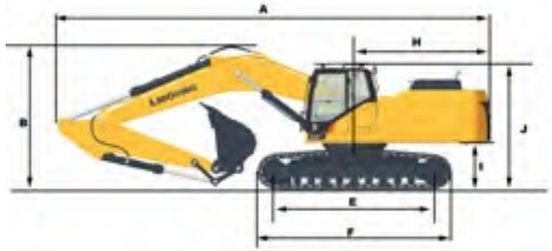
Track shoe each side	49
Link pitch	216 mm
Shoe width, triple grouser	600 mm
Bottom rollers each side	9
Top rollers each side	2

SERVICE CAPACITIES

Fuel Tank	620 L
Engine Oil	30 L
Final Drive (each)	2 × 9.5 L
Swing Drive	10.5 L
Cooling System	37 L
Hydraulic Reservoir	240 L
Hydraulic System Total	450 L
DEF Tank	65 L

SOUND PERFORMANCE

Interior Sound Power Level (ISO 6396)	69 dB(A)
Exterior Sound Power Level (ISO 6395)	105 dB(A)





DIMENSIONS

Boom		6,400 mm	
Arm	2,600 mm	2,900 mm	3,200 mm
A Shipping Length		11,300 mm	
B Shipping Height – Top of Boom		3,800 mm	
C Track Gauge		2,390 / 2,590 mm	
D Undercarriage Width – 600 mm Shoes		2,990 / 3,190 mm	
E Length to Center of Rollers		4,140 mm	
F Track Length		5,075 mm	
G Track Shoe Width		600 mm	
H Tail Swing Radius		3,593 mm	
I Counterweight Ground Clearance		1,250 mm	
J Overall Height of Cab		3,175 mm	
Overall Height of Cab-with operator protective top guard		3,310 mm	
K Min. Ground Clearance		545 mm	
L Overall Length of Upper Structure		3,163 mm (with anti-collision beam) / 2,995 mm (w/o anti-collision beam)	





BOOM DIMENSIONS

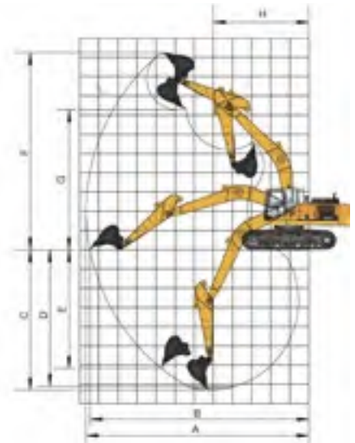
Boom	6,400 mm
A Length	6,640 mm
B Height	1,684 mm
C Width	973 mm
Weight	3,535.5 kg

Cylinder, piping and pin included. Boom cylinder pin excluded.

ARM DIMENSIONS

Arm	2,600 mm	2,900 mm	3,200 mm
A Length	3,818 mm	4,166 mm	4,384 mm
B Height	1,120 mm	1,107 mm	1,095 mm
C Width	655 mm	655 mm	655 mm
Weight	2046.5 kg	2,157 kg	2,189.5 kg

Cylinder, linkage and pin included.



WORKING RANGE

Boom Length		6,400 mm	
Arm Length	2,600 mm	2,900 mm	3,200 mm
A. Max. Digging Reach	10,560 mm	10,728 mm	11,100 mm
B. Max. Digging Reach on Ground	10,350 mm	10,527 mm	10,900 mm
C. Max. Digging Depth	6,730 mm	6,890 mm	7,340 mm
D. Max. Digging Depth, 2.44 m (8') Level	6,530 mm	6,710 mm	7,180 mm
E. Max. Vertical Wall Digging Depth	4,430 mm	5,085 mm	6,460 mm
F. Max. Cutting Height	9,830 mm	9,818 mm	10,240 mm
G. Max. Dumping Height	6,900 mm	6,655 mm	7,160 mm
H. Min. Front Swing Radius	4,700 mm	4,385 mm	4,465 mm
Bucket Digging Force (ISO)		290 kN	
Stick Digging Force (ISO)	243 kN	227 kN	196 kN
Bucket Capacity		1.8 m³	
Bucket Tip Radius		1,785 mm	

MACHINE WEIGHTS AND GROUND PRESSURE 936F

Shoe width	Operating weight	Ground pressure	Overall width
	6.4 m boom, 3.2 m arm, 1.8 m³ bucket, 7,700 kg counterweight		
600 mm	38,600 kg	70.5 kPa	2,995 mm
700 mm	39,000 kg	61.1 kPa	2,995 mm
800 mm	39,400 kg	54 kPa	2,995 mm
900 mm	39,800 kg	48.5 kPa	2,995 mm

BUCKET SELECTION GUIDE

					7.06 m Boom		
Bucket type	Capacity	Cutting width	Weight	Teeth pcs	2.6 m Arm	2.9 m Arm	3.2 m Arm
General purpose	1.8 m³	1,540 mm	1,667 kg	5	B	C	D

The recommendations are given as a guide only, based on typical operation conditions.
Bucket capacity based on ISO 7451, heaped material with a 1:1 angle of repose.

Maximum material density:
A. 1,200-1,300 kg/m³: Coal, Caliche, Shale
B. 1,400-1,600 kg/m³: Wet earth and clay, limestone, sandstone
C. 1,700-1,800 kg/m³: Granite, wet sand, well blasted rock
D. 1,900 kg/m³: Wet mud, Iron ore
NA. Not applicable

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.


Rating over-front (Cf)


Rating over-side (Cs)

1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.
4. Lifting capacities are based on machine standing on level, firm and uniform ground.
5. *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at all times.

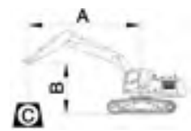
LIFTING CAPACITY

936F with 600 mm Shoes, 6,400 mm Boom, 2,600 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rated loads over front
Cs: Rated loads over side or 360°
* Indicates the load is limited by hydraulic capacity rather than tipping capacity

Conditions

Boom length: 6,400 mm
Arm length: 2,600 mm
Bucket: None
Counterweight: 7,700 kg
Track Shoe Width: 600 mm
Track Gauge: 2,590 mm
Unit: kg



A (Unit: m)

B (m)		3		4.5		6		7.5		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6.0	kg					*9,545	*9,480	*8,842	6,721	*8,789	6,168	7.9
4.5	kg			*13,533	*13,533	*10,644	9,013	*9,249	6,539	*8,775	5,404	8.5
3.0	kg			*16,443	12,340	*11,956	8,476	*9,869	6,284	8,541	5,020	8.8
1.5	kg			*18,007	11,634	*12,995	8,047	*10,420	6,054	8,427	4,917	8.8
GROUND LEVEL	kg			*17,988	11,468	*13,419	7,818	*10,404	5,912	8,632	5,004	8.6
-1.5	kg	*16,810	*16,810	*17,057	11,537	*13,103	7,780	*10,338	5,896	*9,336	5,400	8.1
-3.0	kg	*19,213	*19,213	*15,194	11,775	*11,840	7,920			*9,429	6,354	7.2
-4.5	kg			*11,732	*11,732					*8,979	8,702	5.8

LIFTING CAPACITY

936F with 600 mm Shoes, 6,400 mm Boom, 3,200 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rated loads over front
Cs: Rated loads over side or 360°
* Indicates the load is limited by hydraulic capacity rather than tipping capacity

Conditions

Boom length: 6,400 mm
Arm length: 3,200 mm
Bucket: None
Counterweight: 7,700 kg
Track Shoe Width: 600 mm
Track Gauge: 2,590 mm
Unit: kg



A (Unit: m)

B (m)		3		4.5		6		7.5		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6.0	kg							*8,170	6,832	*8,052	5,565	8.5
4.5	kg			*15,350	12,859	*9,921	9,196	*8,711	6,626	*7,770	4,910	9.1
3.0	kg			*17,566	11,989	*11,374	8,662	*9,449	6,359	7,894	4,655	9.3
1.5	kg			*18,247	11,632	*12,641	8,197	*10,145	6,106	7,668	4,491	9.4
GROUND LEVEL	kg			*17,779	11,584	*13,353	7,906	10,421	5,927	7,836	4,562	9.2
-1.5	kg	*15,985	*15,985	*16,332	11,727	*13,353	7,797	10,338	5,855	8,445	4,886	8.7
-3.0	kg	*22,032	*22,032	*13,554	12,064	*12,505	7,853	*9,673	5,921	*8,909	5,578	7.9
-4.5	kg	*17,734	*17,734			*10,284	8,103			*8,699	7,077	6.7

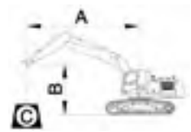
LIFTING CAPACITY

936F with 600 mm Shoes, 6,400 mm Boom, 2,600 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rated loads over front
Cs: Rated loads over side or 360°
* Indicates the load is limited by hydraulic capacity rather than tipping capacity

Conditions

Boom length: 6,400 mm
Arm length: 2,600 mm
Bucket: None
Counterweight: 7,700 kg
Track Shoe Width: 600 mm
Track Gauge: 2,390 mm
Unit: kg



A (Unit: m)

B (m)		3		4.5		6		7.5		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6.0	kg					*9,545	8,684	*8,842	6,158	*8,789	5,647	7.9
4.5	kg			*13,533	12,314	*10,644	8,227	*9,249	5,979	*8,775	4,937	8.5
3.0	kg			*16,443	11,097	*11,956	7,701	*9,869	5,729	8,474	4,576	8.8
1.5	kg			*18,007	10,412	*12,995	7,281	*10,420	5,502	8,360	4,447	8.8
GROUND LEVEL	kg			*17,988	10,251	*13,419	7,057	10,321	5,362	8,563	4,549	8.6
-1.5	kg	*16,810	*16,810	*17,057	10,318	*13,103	7,020	10,303	5,346	9,304	4,905	8.1
-3.0	kg	*19,213	*19,213	*15,194	10,548	*11,840	7,157			*9,429	5,770	7.2
-4.5	kg			*11,732	11,006					*8,979	7,8 89	5.8

LIFTING CAPACITY

936F with 600 mm Shoes, 6,400 mm Boom, 3,200 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rated loads over front
Cs: Rated loads over side or 360°
* Indicates the load is limited by hydraulic capacity rather than tipping capacity

Conditions

Boom length: 6,400 mm
Arm length: 3,200 mm
Bucket: None
Counterweight: 7,700 kg
Track Shoe Width: 600 mm
Track Gauge: 2,390 mm
Unit: kg



A (Unit: m)

B (m)		3		4.5		6		7.5		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6.0	kg							*8,170	6,267	*8,052	5,095	8.5
4.5	kg					*9,921	8,406	*8,711	6,065	*7,770	4,484	9.1
3.0	kg			*15,350	11,600	*11,374	7,883	*9,449	5,802	7,831	4,243	9.3
1.5	kg			*17,566	10,756	*12,641	7,428	*10,145	5,553	7,607	4,086	9.4
GROUND LEVEL	kg			*18,247	10,410	*13,353	7,143	10,338	5,377	7,772	4,145	9.2
-1.5	kg	*15,985	*15,985	*17,779	10,363	*13,353	7,037	10,255	5,306	8,377	4,438	8.7
-3.0	kg	*22,032	19,939	*16,332	10,502	*12,505	7,091	*9,673	5,371	*8,909	5,066	7.9
-4.5	kg	*17,734	*17,734	*13,554	10,829	*10,284	7,336			*8,699	6,426	6.7

STANDARD EQUIPMENT

ENGINE
- Cummins B6.7 engine, EU Stage V, 6-cylinder diesel engine with intercooling, high pressure common rail, electronically controlled direct injection
- Refuelling pump

HYDRAULIC SYSTEM
- Dual-way auxiliary circuit via electronic proportional joystick control
- On-screen auxiliary lines switching, one-way or two-way
- Auxiliary rotation lines with on-screen flow adjustment
- Attachment oil drain line
- Pressure adjustable quick coupler lines
- Hydraulic hammer return oil filtration
- Quick coupler on warning

BOOM & ARM
- 6,400 mm boom
- 2,600 mm arm
- Boom & arm load holding valves
- Boom float function

OPERATOR STATION
- ROPS cab
- Heating and cooling air conditioning
- 10.1 inch touch screen
- Fire extinguisher
- Sun visor
- 12 V power outlet and USB Type-A/C
- DAB radio
- Reversible armrest box with orange handrail
- Parallel windshield wiper
- Heated and ventilated air suspension seat with 3 inch red retractable seatbelt

GUARDS
- 8 mm under covers
- Bucket cylinder guard
- Operation protection guard (cab front and top guard, bar)
- Platform side guard

SERVICE & MAINTENANCE
- Long life hydraulic oil

ELECTRICAL
- 4 LED lights on the boom
- 2 LED lights at the counterweight
- LED light bars on the front and rear of the cab
- Rotating beacon
- Travel and swing alarm
- Overload warning
- Seatbelt beacon
- 360-degree cameras with lighting on both sides
- T-BOX

UNDERCARRIAGE
- Narrow undercarriage
- 600 mm track shoes, triple grouser
- Track guides, 3 each side

OTHERS
- Standard counterweight, 7,700 kg

OPTIONAL EQUIPMENT

BOOM & ARM
- 2,900 mm arm
- 3,200 mm arm

SERVICE & MAINTENANCE
- Centralized lubrication system

UNDERCARRIAGE
- 700 mm track shoes, triple grouser
- 800 mm track shoes, triple grouser
- 900 mm track shoes, triple grouser
- Full length track guard

GUARDS
- Upper frame guard

ATTACHMENT
- General purpose bucket, 1.8 m³
- Hydraulic quick coupler

LiuGong

TOUGH WORLD. TOUGH EQUIPMENT.

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LiuGong

ALL NEW F-SERIES

936F
939F
EXCAVATORS

Engine	Cummins L9
Rated Power	231 kW @ 2,100 rpm
936F	
Operating Weight	38,600 - 39,600 kg
Bucket Capacity	1.8 m^3
939F	
Operating Weight	39,600 - 40,600 kg
Bucket Capacity	1.8 - 2.0 m^3



TOUGH WORLD. TOUGH EQUIPMENT.

BUILT FOR THE TOUGHEST APPLICATIONS

For over 65 years, LiuGong has built machines that thrive in the toughest environments. The 936F and the 939F, part of our advanced F-Series, are engineered for maximum power, precision, and durability.

Designed to excel in demanding applications, these machines combine cutting-edge technology with proven reliability to keep you working efficiently in even the harshest conditions.

Since launching our first hydraulic excavator in 1992, we've remained committed to innovation, ensuring every LiuGong machine is built to perform, wherever the job takes you.



YOUR PERFORMANCE DASHBOARD

Research tells us that 6 key performance areas really matter to you. We'd like to use this performance dashboard to present the real, tough facts about our **936F & 939F.**

- POWER & EFFICIENCY
- TOUGHNESS & DURABILITY
- SAFETY & VISIBILITY
- UPTIME & MAINTENANCE
- INTELLIGENCE & CONTROL
- COMFORT & ERGONOMICS

THIS IS LIUGONG

- **65+** YEARS EST 1958
- **30+** PRODUCT LINES
- **12** GLOBAL R&D CENTERS
- **30+** GLOBAL OFFICES
- **16,000+** EMPLOYEES
- **20+** GLOBAL MANUFACTURING FACILITIES

THE 936F & 939F IN ACTION...

Engineered with core LiuGong values of Efficient Power, Durability, Ergonomics, Intelligence, Safety and Uptime, the 936F and 939F are built with the latest F Series upgrades, delivering enhanced performance, greater comfort, and improved productivity.

Designed for demanding applications, these two models combine robust engineering with intelligent technology to ensure maximum efficiency and reliability while minimizing operating costs.



LET'S TAKE A CLOSER LOOK...

POWER THAT DRIVES PRODUCTIVITY

Powered by Cummins engine, the 936F and the 939F deliver exceptional performance with maximum efficiency.

- VGT turbocharged engine boosts 5% more torque to provide increased power for demanding applications while using less fuel.
- Engine auto idle and shutdown minimize unnecessary fuel burn, cutting costs and reducing environmental impact.
- With 20% more swing torque, 6% higher travel power, and 10% better fuel efficiency than E Series models, the 936F moves more material at lower cost.



TOUGHER BY DESIGN

Engineered for extreme conditions, the heavy-duty components maximize reliability and extend machine life.

- Reinforced undercarriage with bilateral-supported upper rollers improve load distribution while minimizing wear for extended service life.
- Deepened side beam design delivers maximum impact resistance for tough job sites.
- Front and rear supports of the boom and arm are steel castings to reduce torsional resistance.



ENHANCED PROTECTION, SUPERIOR VISIBILITY

LiuGong prioritises operator safety and visibility to improve awareness and reduce risks on-site.

- Demolition specifications protect the operator from falling debris and reduces downtime by preventing machine damage in hazardous environments.
- Standard 360 degree cameras with side lighting provide improved visibility even at nights.
- High-visibility orange handrails and steps reduce missteps and enhance safety.



BUILT TO LAST, EASY TO MAINTAIN

Smart service features and durable components keep downtime low and efficiency high.

- Maintenance points are easy to access for quick and safe daily inspection and checks.
- All engine oil filter replacement intervals have been synchronized to simplify maintenance and reduce downtime.
- Grouped lubrication points enable faster daily service and maintenance. Optional auto-lube system eliminates frequent manual lubrication.



INTELLIGENT PERFORMANCE, SEAMLESS OPERATION

Smart control systems ensure precision, efficiency, and adaptability across different applications.

- An electronically controlled hydraulic system optimizes flow and pressure for greater precision and reduced operator fatigue.
- The 10.1" intuitive display simplifies operation and provides real-time fuel and temperature monitoring.
- Boom float function automatically lowers hydraulic pressure, using gravity to save fuel while keeping precise control—ideal for grading and excavation.



BUILT AROUND YOU

LiuGong machines are designed with the operator at the heart, ensuring all-day comfort and convenience.

- A European-standard DAB radio with upgraded speakers enhances the operating experience.
- USB Type-C and 12 V power connectors provide versatile charging options.
- A standard heated & ventilated seat with lumbar support reduces fatigue during long shifts.



936F & 939F SPECIFICATIONS

Operating Weight	**936F** 38,600 - 39,600 kg **939F** 39,600 - 40,600 kg
Operating weight includes coolant, lubricants, full fuel tank, cab, standard shoes, boom, arm, bucket and operator 75 kg.	
Bucket Capacity	**936F** 1.8 m³ **939F** 1.8 m³ - 2.0 m³

ENGINE	
Description	Cummins EU Stage V, 6-cylinder straight, Variable-Geometry Turbocharger (VGT), high pressure common rail, charge air cooler, electronically controlled direct injection.
Emission Rating	EU Stage V / EPA Tier 4 Final
Engine Manufacturer	Cummins
Engine Model	L9
Aspiration	Variable-Geometry Turbocharger (VGT)
Charged Air Cooling	Aftercooler
Cooling Fan Drive	Viscous clutch
Displacement	8.9 L
Engine Output - Net (SAE J1349 / ISO 9249)	219 kW @ 2,100 rpm
Engine Output - Gross (SAE J1995 / ISO 14396)	231 kW @ 2,100 rpm
Maximum torque	1,526 N·m @ 1,400 rpm
Bore × Stroke	114 × 145 mm

DRIVE AND BRAKES	
Description	2-speed axial piston motors with oil disk brakes. Steering controlled by two hand levers with pedals.
Max. Travel Speed	High: 5.5 km/h Low: 3.4 km/h
Gradeability	35°/70%
Max. Drawbar Pull	320 kN

SWING SYSTEM	
Description	Planetary gear reduction driven by high torque axial piston motor, with oil disk brake. Swing parking brake resets within five seconds after swing pilot controls return to neutral.
Swing Speed	10 rpm
Swing Torque	142,000 N·m

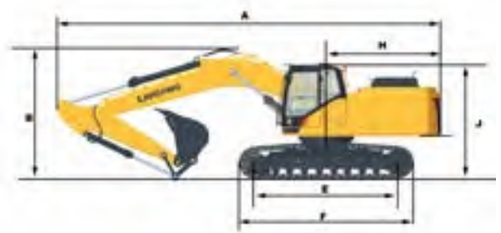
ELECTRICAL SYSTEM	
System Voltage	24 V
Batteries	2 x 12 V
Alternator	24 V - 70 A
Start motor	24 V - 8 kW

HYDRAULIC SYSTEM	
Main Pump	
Type	Two variable displacement piston pumps
Maximum flow	2 × 351 L/min
Pilot pump	
Type	Gear pump
Maximum flow	28.5 L/min
Relief valve setting	
Implement	34.3 / 37.3 MPa
Travel circuit	34.3 MPa
Slew circuit	32.4 MPa
Pilot circuit	3.5 - 3.9 MPa
Hydraulic cylinders	
Boom Cylinder – Bore×Stroke	Φ140 × 1,505 mm
Arm Cylinder – Bore×Stroke	Φ175 × 1,785 mm
Bucket Cylinder – Bore×Stroke	Φ160 × 1,250 mm

UNDERCARRIAGE	
Track shoe each side	49
Link pitch	216 mm
Shoe width, triple grouser	600 mm
Bottom rollers each side	9
Top rollers each side	2

SERVICE CAPACITIES	
Fuel Tank	620 L
Engine Oil	30 L
Final Drive (each)	2 × 9.5 L
Swing Drive	10.5 L
Cooling System	37 L
Hydraulic Reservoir	240 L
Hydraulic System Total	450 L
DEF Tank	65 L

SOUND PERFORMANCE	
Interior Sound Power Level (ISO 6396)	69 dB(A)
Exterior Sound Power Level (ISO 6395)	105 dB(A)





DIMENSIONS	936F/939F		
Boom	6,400 mm		
Arm	2,600 mm	2,900 mm	3,200 mm
A Shipping Length	11,300 mm		
B Shipping Height – Top of Boom	3,800 mm		
C Track Gauge	2,390 / 2,590 mm		
D Undercarriage Width – 600 mm Shoes	2,990 / 3,190 mm		
E Length to Center of Rollers	4,140 mm		
F Track Length	5,075 mm		
G Track Shoe Width	600 mm		
H Tail Swing Radius	3,593 mm		
I Counterweight Ground Clearance	1,250 mm		
J Overall Height of Cab	3,175 mm		
Overall Height of Cab-with operator protective top guard	3,310 mm		
K Min. Ground Clearance	545 mm		
L Overall Length of Upper Structure	3,163 mm (with anti-collision beam) / 2,995 mm (w/o anti-collision beam)		



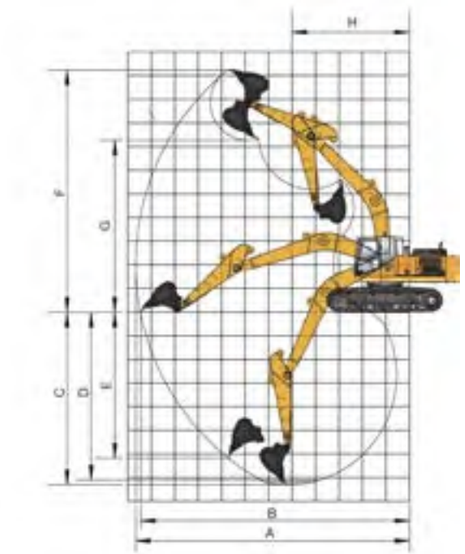


BOOM DIMENSIONS	936F/939F
Boom	6,400 mm
A Length	6,640 mm
B Height	1,684 mm
C Width	973 mm
Weight	3,535.5 kg

Cylinder, piping and pin included. Boom cylinder pin excluded.

ARM DIMENSIONS	936F/939F		
Arm	2,600 mm	2,900 mm	3,200 mm
A Length	3,818 mm	4,166 mm	4,384 mm
B Height	1,120 mm	1,107 mm	1,095 mm
C Width	655 mm	655 mm	655 mm
Weight	2046.5 kg	2,157 kg	2,189.5 kg

Cylinder, linkage and pin included.



WORKING RANGE	936F/939F		
Boom Length		6,400 mm	
Arm Length	2,600 mm	2,900 mm	3,200 mm
A. Max. Digging Reach	10,560 mm	10,728 mm	11,100 mm
B. Max. Digging Reach on Ground	10,350 mm	10,527 mm	10,900 mm
C. Max. Digging Depth	6,730 mm	6,890 mm	7,340 mm
D. Max. Digging Depth, 2.44 m Level	6,530 mm	6,710 mm	7,180 mm
E. Max. Vertical Wall Digging Depth	4,430 mm	5,085 mm	6,460 mm
F. Max. Cutting Height	9,830 mm	9,818 mm	10,240 mm
G. Max. Dumping Height	6,900 mm	6,655 mm	7,160 mm
H. Min. Front Swing Radius	4,700 mm	4,385 mm	4,465 mm
Bucket Digging Force (ISO)		290 kN	
Stick Digging Force (ISO)	243 kN	227 kN	196 kN
Bucket Capacity		1.8 m³	
Bucket Tip Radius		1,785 mm	

MACHINE WEIGHTS AND GROUND PRESSURE 936F

Shoe width	Operating weight	Ground pressure	Overall width
	6.4 m boom, 3.2 m arm, 1.8 m³ bucket, 7,700 kg counterweight		
600 mm	38,600 kg	70.5 kPa	2, 995 mm
700 mm	39,000 kg	61.1 kPa	2, 995 mm
800 mm	39,400 kg	54 kPa	2, 995 mm
900 mm	39,800 kg	48.5 kPa	2, 995 mm

MACHINE WEIGHTS AND GROUND PRESSURE 939F

Shoe width	Operating weight	Ground pressure	Overall width
	6.4 m boom, 3.2 m arm, 1.8 m³ bucket, 8,500 kg counterweight		
600 mm	39,600 kg	72.3 kPa	2, 995 mm
700 mm	40,000 kg	62.6 kPa	2, 995 mm
800 mm	40,400 kg	55.3 kPa	2, 995 mm
900 mm	40,800 kg	49.6 kPa	2, 995 mm

BUCKET SELECTION GUIDE 936F

					7.06 m Boom		
Bucket type	Capacity	Cutting width	Weight	Teeth pcs	2.6 m Arm	2.9 m Arm	3.2 m Arm
General purpose	1.8 m³	1,540 mm	1,667 kg	5	B	C	D

The recommendations are given as a guide only, based on typical operation conditions.
Bucket capacity based on ISO 7451, heaped material with a 1:1 angle of repose.

Maximum material density:
A. 1,200-1,300 kg/m³: Coal, Caliche, Shale
B. 1,400-1,600 kg/m³: Wet earth and clay, limestone, sandstone
C. 1,700-1,800 kg/m³: Granite, wet sand, well blasted rock
D. 1,900 kg/m³: Wet mud, Iron ore
NA. Not applicable

BUCKET SELECTION GUIDE 939F

					7.06 m Boom		
Bucket type	Capacity	Cutting width	Weight	Teeth pcs	2.6 m Arm	2.9 m Arm	3.2 m Arm
General purpose	1.8 m³	1,540 mm	1,667 kg	5	B	C	D
General purpose	2.0 m³	1,605 mm	1,736 kg	5	B	C	D

The recommendations are given as a guide only, based on typical operation conditions.
Bucket capacity based on ISO 7451, heaped material with a 1:1 angle of repose.

Maximum material density:
A. 1,200-1,300 kg/m³: Coal, Caliche, Shale
B. 1,400-1,600 kg/m³: Wet earth and clay, limestone, sandstone
C. 1,700-1,800 kg/m³: Granite, wet sand, well blasted rock
D. 1,900 kg/m³: Wet mud, Iron ore
NA. Not applicable

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.


Rating over-front (Cf)


Rating over-side (Cs)

1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.
4. Lifting capacities are based on machine standing on level, firm and uniform ground.
5. *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at all times.

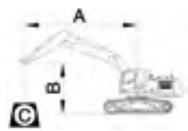
LIFTING CAPACITY

936F with 600 mm Shoes, 6,400 mm Boom, 2,600 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rated loads over front
Cs: Rated loads over side or 360°
* Indicates the load is limited by hydraulic capacity rather than tipping capacity

Conditions

Boom length: 6,400 mm
Arm length: 2,600 mm
Bucket: None
Counterweight: 7,700 kg
Track Shoe Width: 600 mm
Track Gauge: 2,590 mm
Unit: kg



A (Unit: m)

B (m)		3		4.5		6		7.5		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6.0	kg					*9,545	*9,480	*8,842	6,721	*8,789	6,168	7.9
4.5	kg			*13,533	*13,533	*10,644	9,013	*9,249	6,539	*8,775	5,404	8.5
3.0	kg			*16,443	12,340	*11,956	8,476	*9,869	6,284	8,541	5,020	8.8
1.5	kg			*18,007	11,634	*12,995	8,047	*10,420	6,054	8,427	4,917	8.8
GROUND LEVEL	kg			*17,988	11,468	*13,419	7,818	*10,404	5,912	8,632	5,004	8.6
-1.5	kg	*16,810	*16,810	*17,057	11,537	*13,103	7,780	*10,338	5,896	*9,336	5,400	8.1
-3.0	kg	*19,213	*19,213	*15,194	11,775	*11,840	7,920			*9,429	6,354	7.2
-4.5	kg			*11,732	*11,732					*8,979	8,702	5.8

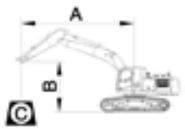
LIFTING CAPACITY

936F with 600 mm Shoes, 6,400 mm Boom, 3,200 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rated loads over front
Cs: Rated loads over side or 360°
* Indicates the load is limited by hydraulic capacity rather than tipping capacity

Conditions

Boom length: 6,400 mm
Arm length: 3,200 mm
Bucket: None
Counterweight: 7,700 kg
Track Shoe Width: 600 mm
Track Gauge: 2,590 mm
Unit: kg



A (Unit: m)

B (m)		3		4.5		6		7.5		9		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6.0	kg							*8,170	6,832			*8,052	5,565	8.5
4.5	kg			*15,350	12,859	*9,921	9,196	*8,711	6,626	*8,103	5,001	*7,770	4,910	9.1
3.0	kg			*17,566	11,989	*11,374	8,662	*9,449	6,359	8,297	4,891	7,894	4,655	9.3
1.5	kg			*18,247	11,632	*12,641	8,197	*10,145	6,106	8,162	4,770	7,668	4,491	9.4
GROUND LEVEL	kg			*17,779	11,584	*13,353	7,906	10,421	5,927	8,072	4,689	7,836	4,562	9.2
-1.5	kg	*15,985	*15,985	*16,332	11,727	*13,353	7,797	10,338	5,855			8,445	4,886	8.7
-3.0	kg	*22,032	*22,032	*13,554	12,064	*12,505	7,853	*9,673	5,921			*8,909	5,578	7.9
-4.5	kg	*17,734	*17,734			*10,284	8,103					*8,699	7,077	6.7

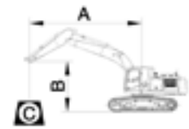
LIFTING CAPACITY

936F with 600 mm Shoes, 6,400 mm Boom, 2,600 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rated loads over front
Cs: Rated loads over side or 360°
* Indicates the load is limited by hydraulic capacity rather than tipping capacity

Conditions

Boom length: 6,400 mm
Arm length: 2,600 mm
Bucket: None
Counterweight: 7,700 kg
Track Shoe Width: 600 mm
Track Gauge: 2,390 mm
Unit: kg



A (Unit: m)

B (m)		3		4.5		6		7.5		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6.0	kg					*9,545	8,684	*8,842	6,158	*8,789	5,647	7.9
4.5	kg			*13,533	12,314	*10,644	8,227	*9,249	5,979	*8,775	4,937	8.5
3.0	kg			*16,443	11,097	*11,956	7,701	*9,869	5,729	8,474	4,576	8.8
1.5	kg			*18,007	10,412	*12,995	7,281	*10,420	5,502	8,360	4,447	8.8
GROUND LEVEL	kg			*17,988	10,251	*13,419	7,057	10,321	5,362	8,563	4,549	8.6
-1.5	kg	*16,810	*16,810	*17,057	10,318	*13,103	7,020	10,303	5,346	9,304	4,905	8.1
-3.0	kg	*19,213	*19,213	*15,194	10,548	*11,840	7,157			*9,429	5,770	7.2
-4.5	kg			*11,732	11,006					*8,979	7,8 89	5.8

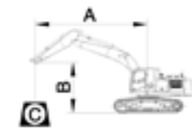
LIFTING CAPACITY

936F with 600 mm Shoes, 6,400 mm Boom, 3,200 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rated loads over front
Cs: Rated loads over side or 360°
* Indicates the load is limited by hydraulic capacity rather than tipping capacity

Conditions

Boom length: 6,400 mm
Arm length: 3,200 mm
Bucket: None
Counterweight: 7,700 kg
Track Shoe Width: 600 mm
Track Gauge: 2,390 mm
Unit: kg



A (Unit: m)

B (m)		3		4.5		6		7.5		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6.0	kg							*8,170	6,267	*8,052	5,095	8.5
4.5	kg					*9,921	8,406	*8,711	6,065	*7,770	4,484	9.1
3.0	kg			*15,350	11,600	*11,374	7,883	*9,449	5,802	7,831	4,243	9.3
1.5	kg			*17,566	10,756	*12,641	7,428	*10,145	5,553	7,607	4,086	9.4
GROUND LEVEL	kg			*18,247	10,410	*13,353	7,143	10,338	5,377	7,772	4,145	9.2
-1.5	kg	*15,985	*15,985	*17,779	10,363	*13,353	7,037	10,255	5,306	8,377	4,438	8.7
-3.0	kg	*22,032	19,939	*16,332	10,502	*12,505	7,091	*9,673	5,371	*8,909	5,066	7.9
-4.5	kg	*17,734	*17,734	*13,554	10,829	*10,284	7,336			*8,699	6,426	6.7

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.


Rating over-front (Cf)


Rating over-side (Cs)

1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.
4. Lifting capacities are based on machine standing on level, firm and uniform ground.
5. *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at all times.

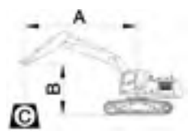
LIFTING CAPACITY

939F with 600 mm Shoes, 6,400 mm Boom, 2,600 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rated loads over front
Cs: Rated loads over side or 360°
* Indicates the load is limited by hydraulic capacity rather than tipping capacity

Conditions

Boom length: 6,400 mm
Arm length: 2,600 mm
Bucket: None
Counterweight: 8,500 kg
Track Shoe Width: 600 mm
Track Gauge: 2,590 mm
Unit: kg



A (Unit: m)

B (m)		3		4.5		6		7.5		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6.0	kg					*9,545	*9,545	*8,842	6,991	*8,789	6,421	7.9
4.5	kg			*13,533	*13,533	*10,644	9,369	*9,249	6,809	*8,775	5,637	8.5
3.0	kg			*16,443	12,862	*11,956	8,831	*9,869	6,554	*8,865	5,243	8.8
1.5	kg			*18,007	12,156	*12,995	8,402	*10,420	6,324	8,762	5,140	8.8
GROUND LEVEL	kg			*17,988	11,990	*13,419	8,174	*10,661	6,182	8,977	5,233	8.6
-1.5	kg	*16,810	*16,810	*17,057	12,059	*13,103	8,136	*10,338	6,166	*9,336	5,646	8.1
-3.0	kg	*19,213	*19,213	*15,194	12,296	*11,840	8,276			*9,429	6,638	7.2
-4.5	kg			*11,732	*11,732					*8,979	*8,979	5.8

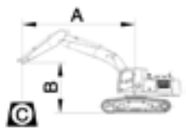
LIFTING CAPACITY

939F with 600 mm Shoes, 6,400 mm Boom, 3,200 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rated loads over front
Cs: Rated loads over side or 360°
* Indicates the load is limited by hydraulic capacity rather than tipping capacity

Conditions

Boom length: 6,400 mm
Arm length: 3,200 mm
Bucket: None
Counterweight: 8,500 kg
Track Shoe Width: 600 mm
Track Gauge: 2,590 mm
Unit: kg



A (Unit: m)

B (m)		3		4.5		6		7.5		9		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6.0	kg							*8,170	7,101			*8,052	5,797	8.5
4.5	kg					*9,921	9,551	*8,711	6,896	*8,103	5,218	*7,770	5,124	9.1
3.0	kg			*15,350	13,381	*11,374	9,017	*9,449	6,628	*8,377	5,109	8,205	4,864	9.3
1.5	kg			*17,566	12,511	*12,641	8,552	*10,145	6,376	8,487	4,987	7,976	4,697	9.4
GROUND LEVEL	kg			*18,247	12,154	*13,353	8,261	*10,575	6,197	8,397	4,906	8,152	4,773	9.2
-1.5	kg	*15,985	*15,985	*17,779	12,106	*13,353	8,153	*10,532	6,124			*8,768	5,112	8.7
-3.0	kg	*22,032	*22,032	*16,332	12,249	*12,505	8,208	*9,673	6,191			*8,909	5,831	7.9
-4.5	kg	*17,734	*17,734	*13,554	12,586	*10,284	8,458					*8,699	7,386	6.7

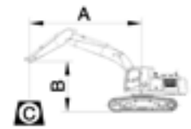
LIFTING CAPACITY

939F with 600 mm Shoes, 6,400 mm Boom, 2,600 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rated loads over front
Cs: Rated loads over side or 360°
* Indicates the load is limited by hydraulic capacity rather than tipping capacity

Conditions

Boom length: 6,400 mm
Arm length: 2,600 mm
Bucket: None
Counterweight: 8,500 kg
Track Shoe Width: 600 mm
Track Gauge: 2,390 mm
Unit: kg



A (Unit: m)

B (m)		3		4.5		6		7.5		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6.0	kg					*9,545	9,017	*8,842	6,412	*8,789	5,885	7.9
4.5	kg			*13,533	12,797	*10,644	8,560	*9,249	6,233	*8,775	5,156	8.5
3.0	kg			*16,443	11,580	*11,956	8,033	*9,869	5,982	8,809	4,786	8.8
1.5	kg			*18,007	10,896	*12,995	7,613	*10,420	5,755	8,695	4,684	8.8
GROUND LEVEL	kg			*17,988	10,735	*13,419	7,390	*10,661	5,616	8,908	4,764	8.6
-1.5	kg	*16,810	*16,810	*17,057	10,801	*13,103	7,352	*10,338	5,600	*9,336	5,137	8.1
-3.0	kg	*19,213	*19,213	*15,194	11,032	*11,840	7,490			*9,429	6,036	7.2
-4.5	kg			*11,732	11,489					*8,979	8,236	5.8

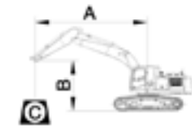
LIFTING CAPACITY

939F with 600 mm Shoes, 6,400 mm Boom, 3,200 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rated loads over front
Cs: Rated loads over side or 360°
* Indicates the load is limited by hydraulic capacity rather than tipping capacity

Conditions

Boom length: 6,400 mm
Arm length: 3,200 mm
Bucket: None
Counterweight: 8,500 kg
Track Shoe Width: 600 mm
Track Gauge: 2,390 mm
Unit: kg



A (Unit: m)

B (m)		3		4.5		6		7.5		9		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6.0	kg							*8,170	6,521			*8,052	5,314	8.5
4.5	kg					*9,921	8,738	*8,711	6,318	*8,103	4,773	*7,770	4,686	9.1
3.0	kg			*15,350	12,083	*11,374	8,215	*9,449	6,055	*8,377	4,665	8,143	4,440	9.3
1.5	kg			*17,566	11,240	*12,641	7,760	*10,145	5,807	8,422	4,545	7,914	4,280	9.4
GROUND LEVEL	kg			*18,247	10,893	*13,353	7,475	*10,575	5,630	8,332	4,466	8,089	4,345	9.2
-1.5	kg	*15,985	*15,985	*17,779	10,847	*13,353	7,369	*10,532	5,559			8,717	4,651	8.7
-3.0	kg	*22,032	20,824	*16,332	10,986	*12,505	7,423	*9,673	5,624			*8,909	5,304	7.9
-4.5	kg	*17,734	*17,734	*13,554	11,312	*10,284	7,668					*8,699	6,716	6.7

STANDARD EQUIPMENT

ENGINE
Cummins B6.7 engine, EU Stage V, 6-cylinder diesel engine with intercooling, high pressure common rail, electronically controlled direct injection
Refuelling pump

HYDRAULIC SYSTEM
Dual-way auxiliary circuit via electronic proportional joystick control
On-screen auxiliary lines switching, one-way or two-way
Auxiliary rotation lines with on-screen flow adjustment
Attachment oil drain line
Pressure adjustable quick coupler lines
Hydraulic hammer return oil filtration
Quick coupler on warning

BOOM & ARM
6,400 mm boom
2,600 mm arm
Boom & arm load holding valves
Boom float function

OPERATOR STATION
ROPS cab
Heating and cooling air conditioning
10.1 inch touch screen
Fire extinguisher
Sun visor
12 V power outlet and USB Type-A/C
DAB radio
Reversible armrest box with orange handrail
Parallel windshield wiper
Heated and ventilated air suspension seat with 3 inch red retractable seatbelt

GUARDS
8 mm under covers
Bucket cylinder guard
Operation protection guard (cab front and top guard, bar)
Platform side guard

SERVICE & MAINTENANCE
Long life hydraulic oil

ELECTRICAL
4 LED lights on the boom
2 LED lights at the counterweight
LED light bars on the front and rear of the cab
Rotating beacon
Travel and swing alarm
Overload warning
Seatbelt beacon
360-degree cameras with lighting on both sides
T-BOX

UNDERCARRIAGE
Narrow undercarriage
600 mm track shoes, triple grouser
Track guides, 3 each side

OTHERS
Standard counterweight, 7,700 kg
Standard counterweight, 8,500 kg

OPTIONAL EQUIPMENT

BOOM & ARM
2,900 mm arm
3,200 mm arm

SERVICE & MAINTENANCE
Centralized lubrication system

UNDERCARRIAGE
700 mm track shoes, triple grouser
800 mm track shoes, triple grouser
900 mm track shoes, triple grouser
Full length track guard

GUARDS
Upper frame guard

ATTACHMENT
General purpose bucket, 1.8 m^3
General purpose bucket, 2.0 m^3
Hydraulic quick coupler



LiuGong

TOUGH WORLD. TOUGH EQUIPMENT.

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LG-PB-936F & 939F-Stage V-A4-092025-ENG

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LiuGong

942F EXCAVATOR

F-SERIES

Engine	Cummins L9
Net Power	219 kW @ 2,100 rpm
Operating Weight	42,800 kg
Bucket Capacity	2.1 - 2.34 m^3



TOUGH WORLD. TOUGH EQUIPMENT.

BUILT FOR THE TOUGHEST APPLICATIONS

For over 65 years, LiuGong has built machines that thrive in the toughest environments. The 942F, part of our advanced F-Series, is engineered for maximum power, precision, and durability.

Designed to excel in demanding applications, this machine combines cutting-edge technology with proven reliability to keep you working efficiently in even the harshest conditions.

Since launching our first hydraulic excavator in 1992, we've remained committed to innovation, ensuring every LiuGong machine is built to perform, wherever the job takes you.



YOUR PERFORMANCE DASHBOARD

Research tells us that 6 key performance areas really matter to you. We'd like to use this performance dashboard to present the real, tough facts about our **942F.**

- POWER & EFFICIENCY
- TOUGHNESS & DURABILITY
- SAFETY & VISIBILITY
- UPTIME & MAINTENANCE
- INTELLIGENCE & CONTROL
- COMFORT & ERGONOMICS

THIS IS LIUGONG

- **65+** YEARS EST 1958
- **30+** PRODUCT LINES
- **12** GLOBAL R&D CENTERS
- **30+** GLOBAL OFFICES
- **16,000+** EMPLOYEES
- **20+** GLOBAL MANUFACTURING FACILITIES

THE 942F IN ACTION...

Engineered with core LiuGong values of Efficient Power, Durability, Ergonomics, Intelligence, Safety and Uptime, the 942F is built with the latest F Series upgrades, delivering enhanced performance, greater comfort, and improved productivity.

Designed for demanding applications, it combines robust engineering with intelligent technology to ensure maximum efficiency and reliability while minimizing operating costs.



LET'S TAKE A CLOSER LOOK...

POWER THAT DRIVES PRODUCTIVITY

Powered by Cummins engine, the 942F delivers exceptional performance with maximum efficiency.

- VGT turbo-charged Cummins engine boosts 5% more torque for increased power and less fuel.
- Engine Auto Idle and Shutdown minimize unnecessary fuel burn, cutting costs and reducing environmental impact.
- With 20% more swing torque, 6% higher travel power, and 10% better fuel efficiency than E Series models, the 942F moves more material at lower cost.



TOUGHER BY DESIGN

Engineered for extreme conditions, the 942F's heavy-duty components maximize reliability and extend machine life.

- Reinforced undercarriage with bilateral-supported upper rollers improve load distribution while minimizing wear for extended service life.
- Deepened side beam design delivers maximum impact resistance for tough job sites.
- Front and rear supports of the boom and arm are steel castings to reduce torsional resistance.



ENHANCED PROTECTION, SUPERIOR VISIBILITY

LiuGong prioritises operator safety and visibility to improve awareness and reduce risks on-site.

- Demolition specifications protect the operator from falling debris and reduces downtime by preventing machine damage in hazardous environments.
- Standard 360 degree cameras with side lighting provides improved visibility at nights.
- High-visibility orange handrails and steps reduce missteps and enhance safety.



BUILT TO LAST, EASY TO MAINTAIN

Smart service features and durable components keep downtime low and efficiency high.

- Maintenance points are easy to access for quick and safe daily inspection and checks.
- All engine oil filter replacement intervals have been synchronized to simplify maintenance and reduce downtime.
- Grouped lubrication points enable faster daily service and maintenance. Optional auto-lube system eliminates frequent manual lubrication.



INTELLIGENT PERFORMANCE, SEAMLESS OPERATION

Smart control systems ensure precision, efficiency, and adaptability across different applications.

- An electronically controlled hydraulic system optimizes flow and pressure for greater precision and reduced operator fatigue.
- The 10.1" intuitive display simplifies operation and provides real-time fuel and temperature monitoring.
- Boom float function automatically lowers hydraulic pressure, using gravity to save fuel while keeping precise control—ideal for grading and excavation.



BUILT AROUND YOU

LiuGong machines are designed with the operator at the heart, ensuring all-day comfort and convenience.

- A European-standard DAB radio with upgraded speakers enhances the operating experience.
- USB Type-C and 12V power connectors provide versatile charging options.
- A standard heated & ventilated seat with lumbar support reduces fatigue during long shifts.



942F SPECIFICATIONS

Operating Weight	42,800 kg
Operating weight includes coolant, lubricants, full fuel tank, cab, standard shoes, boom, arm, bucket and operator 75 kg (165 lbs).	
Bucket Capacity	2.1 - 2.34 m³

ENGINE

Description	Cummins EU Stage V, 6-cylinder straight, Variable-Geometry Turbocharger (VGT), high pressure common rail, charge air cooler, electronically controlled direct injection.
Emission Rating	EPA T4 Final / EU Stage V
Engine Manufacturer	Cummins
Engine Model	L9
Aspiration	Variable-Geometry Turbocharger (VGT)
Charged Air Cooling	Aftercooler
Cooling Fan Drive	Viscous clutch
Displacement	8.9 L
Engine Output - Net (SAE J1349 / ISO 9249)	219 kW @ 2,100 rpm
Engine Output - Gross (SAE J1995 / ISO 14396)	231 kW @ 2,100 rpm
Maximum torque	1,526 N·m @ 1,400 rpm
Bore × Stroke	114 × 145 mm

DRIVE AND BRAKES

Description	2-speed axial piston motors with oil disk brakes. Steering controlled by two hand levers with pedals.
Max. Travel Speed	High: 5.5 km/h Low: 2.9 km/h
Gradeability	35° / 70%
Max. Drawbar Pull	350 kN

SWING SYSTEM

Description	Planetary gear reduction driven by high torque axial piston motor, with oil disk brake. Swing parking brake resets within five seconds after swing pilot controls return to neutral.
Swing Speed	9.8 rpm
Swing Torque	142,000 N.m

ELECTRICAL SYSTEM

System Voltage	24 V
Batteries	2 x 12 V
Alternator	24 V - 70 A
Start motor	24 V - 8 kW

HYDRAULIC SYSTEM

Main Pump	
Type	Two variable displacement piston pumps
Maximum flow	2 × 351 L/min
Pilot pump	
Type	Gear pump
Maximum flow	28.5 L/min
Relief valve setting	
Implement	34.3 / 37.3 MPa
Travel circuit	34.3 MPa
Slew circuit	32.4 MPa
Pilot circuit	3.5 - 3.9 MPa
Hydraulic cylinders	
Boom Cylinder – Bore×Stroke	Φ 160 × 1,505 mm
Arm Cylinder – Bore×Stroke	Φ 175 × 1,785 mm
Bucket Cylinder – Bore×Stroke	Φ 160 × 1,250 mm

UNDERCARRIAGE

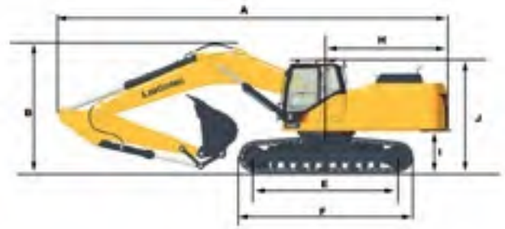
Track shoe each side	50
Link pitch	216 mm
Shoe width, triple grouser	600 mm
Bottom rollers each side	9
Top rollers each side	2

SERVICE CAPACITIES

Fuel Tank	620 L
Engine Oil	30 L
Final Drive (each)	2 × 9.5 L
Swing Drive	10.5 L
Cooling System	37 L
Hydraulic Reservoir	240 L
Hydraulic System Total	450 L
DEF Tank	65 L

SOUND PERFORMANCE

Interior Sound Power Level (ISO 6396)	69 dB(A)
Exterior Sound Power Level (ISO 6395)	105 dB(A)





DIMENSIONS

Boom		6,400 mm	
Arm	2,600 mm	2,900 mm	3,200 mm
A Shipping Length		11,597 mm	
B Shipping Height – Top of Boom		3,800 mm	
C Track Gauge		2,740 mm	
D Undercarriage Width – 600 mm Shoes		3,340 mm	
E Length to Center of Rollers		4,250 mm	
F Track Length		5,215 mm	
G Track Shoe Width		600 mm	
H Tail Swing Radius		3,766 mm	
I Counterweight Ground Clearance		1,250 mm	
J Overall Height of Cab		3,175 mm	
Overall Height of Cab - with operator protective guard		3,310 mm	
K Min. Ground Clearance		545 mm	
L Overall Width of Upper Structure		3,163 mm (w/ anti-collision beam) / 2,995 mm (w/o)	





BOOM DIMENSIONS

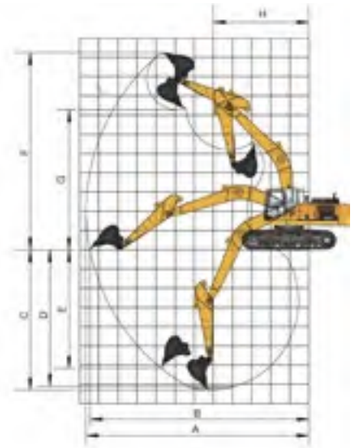
Boom	6,400 mm
A Length	6,640 mm
B Height	1,684 mm
C Width	973 mm
Weight	3,535.5 kg

Cylinder, piping and pin included. Boom cylinder pin excluded.

ARM DIMENSIONS

Arm	2,600 mm	2,900 mm	3,200 mm
A Length	3,818 mm	4,166 mm	4,384 mm
B Height	1,120 mm	1,107 mm	1,095 mm
C Width	655 mm	655 mm	655 mm
Weight	2,047 kg	2,157 kg	2,190 kg

Cylinder, linkage and pin included.



WORKING RANGE

Boom Length		6,400 mm	
Arm Length	2,600 mm	2,900 mm	3,200 mm
A. Max. Digging Reach	10,560 mm	10,728 mm	11,100 mm
B. Max. Digging Reach on Ground	10,350 mm	10,527 mm	10,900 mm
C. Max. Digging Depth	6,730 mm	6,890 mm	7,340 mm
D. Max. Digging Depth, 2.44 m (8') Level	6,530 mm	6,710 mm	7,180 mm
E. Max. Vertical Wall Digging Depth	4,430 mm	5,085 mm	6,460 mm
F. Max. Cutting Height	9,830 mm	9,818 mm	10,240 mm
G. Max. Dumping Height	6,900 mm	6,655 mm	7,160 mm
H. Min. Front Swing Radius	4,700 mm	4,385 mm	4,465 mm
Bucket Digging Force (ISO)		290 kN	
Stick Digging Force (ISO)	243 kN	227 kN	196 kN
Bucket Capacity		2.1 m³	
Bucket Tip Radius		1,839 mm	

MACHINE WEIGHTS AND GROUND PRESSURE 942F

Shoe width	Operating weight	Ground pressure	Overall width
	6.4 m boom, 3.2 m arm, 2.1 m³ bucket, 9,900 kg counterweight		
600 mm	42,800 kg	76.3 kPa	3,190 mm
700 mm	43,200 kg	66 kPa	3,190 mm
800 mm	43,600 kg	58.3 kPa	3,190 mm
900 mm	44,000 kg	52.3 kPa	3,190 mm

BUCKET SELECTION GUIDE

					7.06 m Boom		
Bucket type	Capacity	Cutting width	Weight	Teeth pcs	2.6 m Arm	2.9 m Arm	3.2 m Arm
General purpose	2.1 m³	1,665 mm	1,775 kg	5	D	C	B
Heavy duty	2.2 m³	1,665 mm	1,670 kg	5	D	D	D
Heavy duty	2.34 m³	1,720 mm	2,190 kg	5	D	D	D

The recommendations are given as a guide only, based on typical operation conditions.
Bucket capacity based on ISO 7451, heaped material with a 1:1 angle of repose.

Maximum material density:
A. 1,200-1,300 kg/m³: Coal, Caliche, Shale
B. 1,400-1,600 kg/m³: Wet earth and clay, limestone, sandstone
C. 1,700-1,800 kg/m³: Granite, wet sand, well blasted rock
D. 1,900 kg/m³: Wet mud, Iron ore
NA. Not applicable

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.


Rating over-front (Cf)


Rating over-side (Cs)

1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.
4. Lifting capacities are based on machine standing on level, firm and uniform ground.
5. *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at all times.

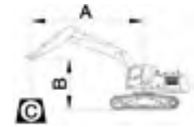
LIFTING CAPACITY

942F with 600 mm Shoes, 6,400 mm Boom, 2,600 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rated loads over front
Cs: Rated loads over side or 360°
* Indicates the load is limited by hydraulic capacity rather than tipping capacity

Conditions

Boom length: 6,400 mm
Arm length: 2,600 mm
Bucket: None
Counterweight: 9,000 kg
Track Shoe Width: 600 mm
Track Gauge: 2,740 mm
Unit: kg



A (Unit: m)

B (m)		3		4.5		6		7.5		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6.0	kg					*13,005	12,178	*12,131	8,725	*10,319	8,043	7.9
4.5	kg			*18,495	17,685	*14,587	11,704	*12,722	8,541	*10,334	7,114	8.5
3.0	kg			*22,656	16,400	*16,470	11,158	13,195	8,283	10,427	6,656	8.8
1.5	kg			*19,538	15,677	*17,960	10,722	12,929	8,050	10,312	6,552	8.8
GROUND LEVEL	kg			*24,065	15,507	17,733	10,490	12,765	7,906	10,577	6,686	8.6
-1.5	kg	*16,810	*16,810	*23,677	15,577	17,687	10,451	12,747	7,890	11,494	7,211	8.1
-3.0	kg	*26,925	*26,925	*21,171	15,821	*16,482	10,593			*13,143	8,457	7.2
-4.5	kg			*16,509	16,304					*12,643	11,509	5.8

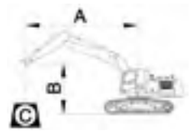
LIFTING CAPACITY

942F with 600 mm Shoes, 6,400 mm Boom, 2,900 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rated loads over front
Cs: Rated loads over side or 360°
* Indicates the load is limited by hydraulic capacity rather than tipping capacity

Conditions

Boom length: 6,400 mm
Arm length: 2,900 mm
Bucket: None
Counterweight: 9,000 kg
Track Shoe Width: 600 mm
Track Gauge: 2,740 mm
Unit: kg



A (Unit: m)

B (m)		3		4.5		6		7.5		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6.0	kg							*11,667	8,782	*9,160	7,643	8.2
4.5	kg			*17,614	*17,614	*14,098	11,796	*12,360	8,583	*8,901	6,785	8.8
3.0	kg			*21,883	16,675	*16,077	11,251	13,235	8,318	*9,047	6,362	9.1
1.5	kg			*23,165	15,859	*17,725	10,797	12,956	8,074	9,833	6,266	9.1
GROUND LEVEL	kg			*24,900	15,587	17,784	10,532	12,770	7,910	10,073	6,387	8.9
-1.5	kg	*16,449	*16,449	*24,193	15,598	17,693	10,457	12,716	7,863	10,899	6,863	8.4
-3.0	kg	*27,105	*27,105	*21,965	15,793	*16,964	10,553			12,852	7,982	7.5
-4.5	kg	*22,810	*22,810	*17,795	16,201	*13,341	10,884			*12,313	10,248	6.3

LIFTING CAPACITY

942F with 600 mm Shoes, 6,400 mm Boom, 3,200 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rated loads over front
Cs: Rated loads over side or 360°
* Indicates the load is limited by hydraulic capacity rather than tipping capacity

Conditions

Boom length: 6,400 mm
Arm length: 3,200 mm
Bucket: None
Counterweight: 9,000 kg
Track Shoe Width: 600 mm
Track Gauge: 2,740 mm
Unit: kg

A (Unit: m)

B (m)		3		4.5		6		7.5		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
6.0	kg							*11,219	8,837	*8,209	7,276	8.5
4.5	kg					*13,587	11,889	*11,992	8,629	*7,770	6,481	9.1
3.0	kg			*21,079	16,931	*15,653	11,347	*13,043	8,359	*9,031	6,185	9.3
1.5	kg			*24,220	16,041	*17,451	10,874	12,989	8,103	*8,696	6,000	9.4
GROUND LEVEL	kg			*25,207	15,675	17,839	10,579	12,783	7,922	*9,312	6,110	9.2
-1.5	kg	*15,985	*15,985	*24,606	15,626	17,707	10,468	12,699	7,848	10,359	6,544	8.7
-3.0	kg	*25,094	*25,094	*22,671	15,772	*17,373	10,525	12,776	7,916	11,908	7,446	7.9
-4.5	kg	*24,883	*24,883	*18,942	16,117	*14,390	10,779			*12,209	9,387	6.7

STANDARD EQUIPMENT

ENGINE

- Cummins L9 engine, EU Stage V, 6-cylinder diesel engine with intercooling, high pressure common rail, electronically controlled direct injection
- Refuelling pump

HYDRAULIC SYSTEM

- Dual-way auxiliary circuit via electronic proportional joystick control
- On-screen auxiliary lines switching, one-way or two-way
- Auxiliary rotation lines with on-screen flow adjustment
- Attachment oil drain line
- Pressure adjustable quick coupler lines
- Hydraulic hammer return oil filtration
- Quick coupler on warning

BOOM & ARM

- 6,400 mm boom
- 2,600 mm arm
- Boom & arm load holding valves
- Boom float function

OPERATOR STATION

- ROPS cab
- Heating and cooling air conditioning
- 10.1 inch touch screen
- Fire extinguisher
- Sun visor
- 12 V power outlet and USB Type-A/C
- DAB radio
- Reversible armrest box with orange handrail
- Parallel windshield wiper
- Heated and ventilated air suspension seat with 3 inch red retractable seatbelt

GUARDS

- 8 mm under covers
- Bucket cylinder guard
- Operation protection guard (cab front and top guard, bar)
- Platform side guard

SERVICE & MAINTENANCE

- Long life hydraulic oil

ELECTRICAL

- 4 LED lights on the boom
- 2 LED lights at the counterweight
- LED light bars on the front and rear of the cab
- Rotating beacon
- Travel and swing alarm
- Overload warning
- Seatbelt beacon
- 360-degree cameras with lighting on both sides
- T-BOX

UNDERCARRIAGE

- 600 mm track shoes, triple grouser
- Track guides, 3 each side

OTHERS

- Standard counterweight, 9,000 kg

OPTIONAL EQUIPMENT

BOOM & ARM

- 2,900 mm arm
- 3,200 mm arm

SERVICE & MAINTENANCE

- Centralized lubrication system

UNDERCARRIAGE

- 700 mm track shoes, triple grouser
- 800 mm track shoes, triple grouser
- 900 mm track shoes, triple grouser
- Full length track guard

GUARDS

- Upper frame guard

ATTACHMENT

- General purpose bucket, 2.1 m³
- Heavy duty bucket, 2.2 m³
- Heavy duty bucket, 2.34 m³
- Hydraulic quick coupler

LiuGong

TOUGH WORLD. TOUGH EQUIPMENT.

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LiuGong

ALL NEW F-SERIES

952F
956F
EXCAVATORS

Engine	Cummins X12
Rated Power	298 kW @ 2,100 rpm
952F	
Operating Weight	51,000 - 54,300 kg
Bucket Capacity	2.6 - 3.2 m³
956F	
Operating Weight	55,900 kg
Bucket Capacity	3.2 - 3.6 m³



TOUGH WORLD. TOUGH EQUIPMENT.

BUILT FOR THE TOUGHEST APPLICATIONS

For over 65 years, LiuGong has built machines that thrive in the toughest environments. The 952F and the 956F, part of our advanced F-Series, are engineered for maximum power, precision, and durability.

Designed to excel in urban construction, landscaping, and utility tasks, this machine combines cutting-edge technology with proven reliability to keep you working efficiently in even the harshest conditions.

Since launching our first hydraulic excavator in 1992, we've remained committed to innovation, ensuring every LiuGong machine is built to perform, wherever the job takes you.



YOUR PERFORMANCE DASHBOARD

Research tells us that 5 key performance areas really matter to you. We'd like to use this performance dashboard to present the real, tough facts about our new 952F and 956F.

- POWER & EFFICIENCY
- TOUGHNESS & RELIABILITY
- ERGONOMICS & COMFORT
- SAFETY & VISIBILITY
- UPTIME & MAINTENANCE

THIS IS LIUGONG

- 65+ YEARS EST 1958
- 30+ PRODUCT LINES
- 12 GLOBAL R&D CENTERS
- 30+ GLOBAL OFFICES
- 16,000+ EMPLOYEES
- 20+ GLOBAL MANUFACTURING FACILITIES

THE 952F & 956F IN ACTION...

The LiuGong 952F and 956F are your reliable partners in mining and heavy construction. They are built to maximize productivity and minimize operating costs.

The 952F delivers optimal efficiency for earthmoving, while its retractable undercarriage offers enhanced stability. The 956F provides maximum power and reliability for heavy-duty applications like mining and demolition.



LET'S TAKE A CLOSER LOOK...

POWER & EFFICIENCY

- Complying with EU Stage V emission standards, Cummins X12 engine delivers a power of 298 kW. This ensures not only high performance but also environment-friendly operation.
- Compared to the 950E, the 952F and the 956F provide 15% more power and 21% higher torque, significantly enhancing productivity and efficiency—even under the most demanding heavy-duty conditions.
- Electronically controlled main pump with increased displacement matched with electro-proportional main valve offers greater digging force and faster cycle times.





TOUGHNESS & RELIABILITY

- The 952F and the 956F feature reinforced undercarriage with dual carrier rollers and full length track guides enhance durability and reliability under heavy loads.
- The boom and arm are built with forged supports, high-strength steel castings, and larger pins for superior durability and fatigue resistance in extreme conditions.
- Heavy duty buckets deliver greater durability with reinforced main and side cutters, and impact-resistant teeth to withstand extreme abrasion and impact.



ERGONOMICS & COMFORT

- 10.1-inch touchscreen provides intuitive control over menus, settings, and real-time machine data.
- One-touch attachment control allows easy adjustment of pressure and flow for various attachments.
- Heated and ventilated air suspension seat with electronic lumbar reduces fatigue during long shifts.
- European-standard DAB radio with upgraded speakers enhances the operating experience.



SAFETY & VISIBILITY

- Operator protective guards are designed to protect the cab and the operator in the event of accidents like rollovers, falling objects, or overhead hazards.
- StandardLED lighting package with front and rear light bars, boom lights, and counterweight lights provides 360° illumination.
- 360-degree cameras with side lights enhance jobsite safety during low-light or nightime operations.
- Parallel wipers deliver expanded cleaning coverage, significantly improving visibility in heavy-dust environments, thus increasing operating safety.





UPTIME & MAINTENANCE

- Fuel filter, oil filer,engine oil and air filters are synchronized to be replaced every 500 hours.
- Two-stage filtration system with improved filtration, extending the replacement interval to 500 hours — 50% longer than E series designs.
- Auto-lubrication system eliminates the need for frequent manual greasing, ensures consistent performance under heavy-duty conditions, and extends the service life of critical parts.
- The reversing fan reverses automatically to remove dust and debris from the radiators and coolers wthout the need for manual cleaning, protecting the machine from overheating while reducing downtime .





952F SPECIFICATIONS

Operating weight	**952F** 51,000 - 54,300 kg **956F** 55,900 kg

Operating weight includes coolant, lubricants, full fuel tank, cab, standard shoes, boom, arm, bucket and operator 75 kg.

Bucket capacities	**952F** 2.6 - 3.2 m³ **956F** 3.2 - 3.6 m³

ENGINE

Cummins EU Stage V, 6-cylinder straight Variable-Geometry Turbocharger (VGT), high pressure common rail, electronically controlled direct injection.
Air cleaner: Cummins direct flow air filter.
Cooling system: Charge air cooler.

Emission rating	EU Stage V
Engine manufacturer	Cummins
Engine model	X12
Aspiration	Variable-Geometry Turbocharger (VGT)
Charged air cooling	Aftercooler
Cooling fan drive	Viscous clutch
Displacement	11.8 L
Engine output - net (SAE J1349 / ISO 9249)	282 kW @ 2,100 rpm
Engine output - rated (SAE J1995 / ISO 14396)	298 kW @ 2,100 rpm
Maximum torque	2,034 N·m @ 1,400 rpm
Bore × Stroke	132 × 144 mm

SWING SYSTEM

Planetary gear reduction driven by high torque axial piston motor, with oil disk brake. Swing parking brake resets within five seconds after swing pilot controls return to neutral.

Swing speed	**952F** 8.5 rpm **956F** 9.3 rpm
Swing torque	**952F** 165,000 N·m **952F Retractable UC** 191,900 N·m

HYDRAULIC SYSTEM

Main Pump	
Type	Two variable displacement piston pumps
Maximum flow	**952F** 2 × 380 L/min **956F** 2 × 432 L/min
Pilot Pump	
Type	Gear pump
Maximum flow	15 L/min
Relief Valve Setting	
Implement	34.3 / 37.2 MPa
Travel circuit	34.3 MPa
Slew circuit	32.4 MPa
Pilot circuit	3.9 MPa
Hydraulic Cylinders	
Boom Bore × Stroke	**952F** Φ165 × 1,560 mm **956F** Φ170 × 1,560 mm
Arm Bore × Stroke	**952F/956F** Φ190 × 1,980 mm
Bucket Bore × Stroke	**952F** Φ170 × 1,260 mm **956F** Φ180 × 1,560 mm

SERVICE CAPACITIES

Fuel tank	700 L
Engine oil	42 L
Final drive (each)	15 L
Swing drive	5.3 × 2 L
Cooling system	50 L
Hydraulic reservoir	230 L
Hydraulic system total	420 L
DEF tank	65 L

UNDERCARRIAGE

Track shoes, each side	**952F** 50 **952F Retractable UC** 53 **956F** 53
Link pitch	228 mm
Shoe width, triple grouser	**952F** 600 / 700 / 800 / 900 mm **952F Retractable UC** 600 mm **956F** 600 mm
Bottom rollers each side	9
Top rollers each side	**952F** 2 **952F Retractable UC** 3 **956F** 3

DRIVE AND BRAKES

2-speed axial piston motors with oil disk brakes. Steering controlled by two hand levers with pedals.

Max. travel speed	**952F** High: 5.4 km/h Low: 3.2 km/h **952F Retractable UC** High: 5.1 km/h Low: 3.0 km/h **956F** High: 5.1 km/h Low: 3.0 km/h
Gradeability	35°/70%
Max. drawbar pull	**952F** 386 kN **952F RetractableUC** 410 kN **956F** 410 kN

ELECTRIC SYSTEM

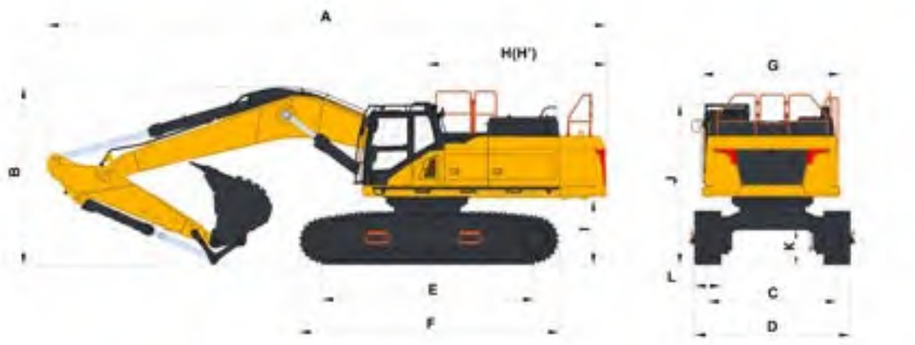
System voltage	24 V
Batteries	2 x 12 V
Alternator	24 V - 70 A
Start motor	24 V - 7.5 kW

SOUND PERFORMANCE

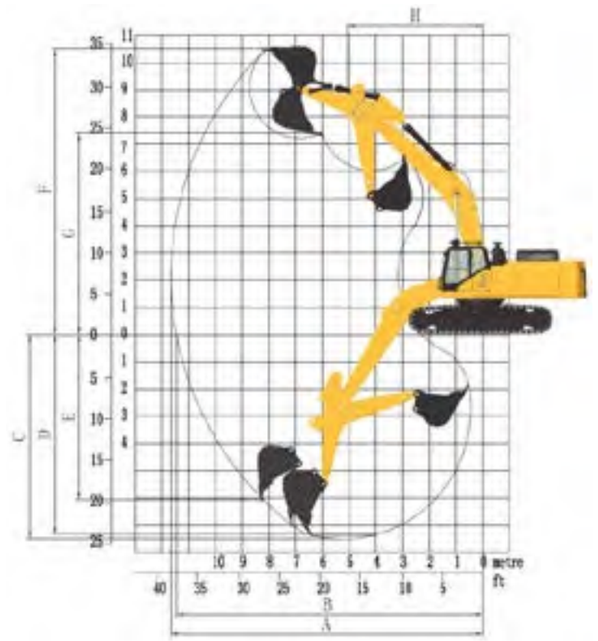
Interior sound level (ISO 6396)	72 dB(A)
Exterior sound level (ISO 6395)	107 dB(A)



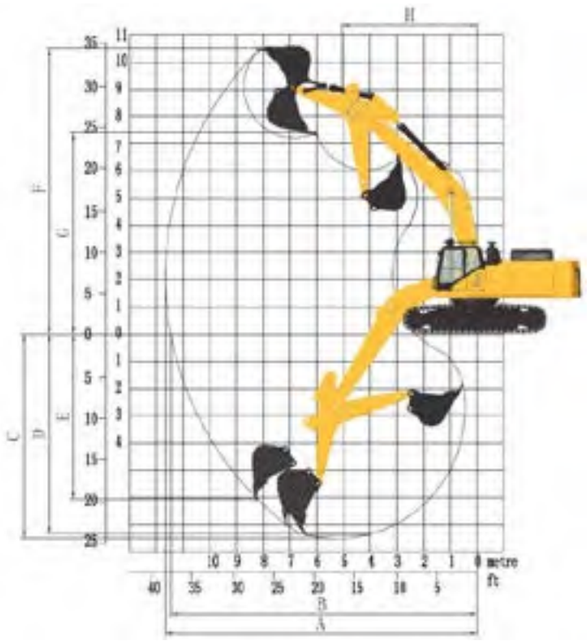
DIMENSIONS	952F		952F WITH RETRACTABLE UNDERCARRIAGE	
Boom	6,500 mm	7,060 mm	7,060 mm	7,060 mm
Arm	2,550 mm	2,900 mm	2,900 mm	2,900 mm
A. Shipping length	11,960 mm	12,500 mm	11,880 mm	11,880 mm
B. Shipping height – top of boom	3,735 mm	3,970 mm	3,760 mm	3,760 mm
C. Track gauge	2,740 mm	2,740 mm	2,390 / 2,890 mm	2,390 / 2,890 mm
D. Undercarriage width– 600 mm shoes	3,340 mm	3,340 mm	2,990 / 3,490 mm	2,990 / 3,490 mm
700 mm shoes	3,440 mm	3,440 mm	-	-
800 mm shoes	3,540 mm	3,540 mm	-	-
900 mm shoes	3,640 mm	3,640 mm	-	-
E. Length to center of rollers	4,430 mm	4,430 mm	4,750 mm	4,750 mm
F. Track length	5,470 mm	5,470 mm	5,800 mm	5,800 mm
G. Overall width of upper structure (with anti-collision beam)	2,995 mm	2,995 mm	2,995 mm	2,995 mm
Overall width of upper structure (w/o anti-collision beam)	3,110 mm	3,110 mm	3,110 mm	3,110 mm
H. Tail Swing radius	4,015 mm	4,015 mm	4,015 mm	4,015 mm
I. Counterweight ground clearance	1,325 mm	1,325 mm	1,490 mm	1,490 mm
J. Overall height of cab	3,275 mm	3,275 mm	3,455 mm	3,455 mm
Overall height of cab (with operator protective guard)	3,415 mm	3,415 mm	3,590 mm	3,590 mm
K. Min. ground clearance	590 mm	590 mm	775 mm	775 mm
L. Track shoe width	600 mm	600 mm	600 mm	600 mm



DIMENSIONS	956F
Boom	7,060 mm
Arm Options	2,900 mm
A Shipping Length	12,500 mm
B Shipping Height – Top of Boom	3,970 mm (bucket fitted)
C Track Gauge	2,390 / 2,890 mm
D Undercarriage Width– 600 mm (24") shoes	2,990 / 3,490 mm
E Length to Center of Rollers	4,750 mm
F Track Length	5,800 mm
G Overall width of upper structure (with anti-collision beam)	2,995 mm
Overall width of upper structure (w/o anti-collision beam)	3,110 mm
H Tail Swing Radius	4,015 mm
I Counterweight Ground Clearance	1,490 mm
J Overall Height of Cab	3,545 mm (with operator protective guard)
K Min. Ground Clearance	775 mm
L Track Shoe Width	600 mm



WORKING RANGE		952F		952F WITH RETRACTABLE UNDERCARRIAGE	
Boom Length		6,500 mm	7,060 mm	6,500 mm	7,060 mm
Arm Length		2,550 mm	2,900 mm	2,550 mm	2,900 mm
A. Max. Digging Reach		10,860 mm	11,660 mm	10,860 mm	11,660 mm
B. Max. Digging Reach on Ground		10,620 mm	11,450 mm	10,620 mm	11,450 mm
C. Max. Digging Depth		6,760 mm	7,510 mm	6,760 mm	7,510 mm
D. Max. Digging Depth, 2.44 m Level		6,585 mm	7,340 mm	6,585 mm	7,340 mm
E. Max. Vertical Wall Digging Depth		5,080 mm	6,060 mm	5,080 mm	6,060 mm
F. Max. Cutting Height		9,965 mm	10,500 mm	9,965 mm	10,500 mm
G. Max. Dumping Height		6,915 mm	7,400 mm	6,915 mm	7,400 mm
H. Min. Front Swing Radius		4,775 mm	5,050 mm	4,775 mm	5,050 mm
Bucket Digging Force (ISO)	Normal	280 kN	295 kN	280 kN	295 kN
	Power Boost	300 kN	315 kN	300 kN	315 kN
Stick Digging Force (ISO)	Normal	265 kN	255 kN	265 kN	255 kN
	Power Boost	280 kN	270 kN	280 kN	270 kN
Bucket Capacity		2.6 m^3	3.2 m^3	2.6 m^3	3.2 m^3
Bucket Tip Radius		1,883 mm	1,985 mm	1,998 mm	1,998 mm



WORKING RANGE		956F
Boom Length		7,060 mm
Arm Length		2,900 mm
A. Max. Digging Reach		11,820 mm
B. Max. Digging Reach on Ground		11,615 mm
C. Max. Digging Depth		7,690 mm
D. Max. Digging Depth, 2.44 m Level		7,525 mm
E. Max. Vertical Wall Digging Depth		5,880 mm
F. Max. Cutting Height		10,470 mm
G. Max. Dumping Height		7,130 mm
H. Min. Front Swing Radius		5,100 mm
Bucket Digging Force (ISO)	Normal	300 kN
	Power Boost	320 kN
Stick Digging Force (ISO)	Normal	245 kN
	Power Boost	265 kN
Bucket Capacity		3.6 m³
Bucket Tip Radius		1,770 mm





BOOM DIMENSIONS	952F		952F RETRACTABLE UNDERCARRIAGE	
Boom	6,500 mm	7,060 mm	6,500 mm	7,060 mm
Length	6,800 mm	7,300 mm	6,800 mm	7,300 mm
Height	2,000 mm	1,900 mm	2,000 mm	1,900 mm
Width	1,100 mm	1,100 mm	1,100 mm	1,100 mm
Weight	4,150 kg	4,370 kg	4,150 kg	4,370 kg

Cylinder, piping and pin included. Boom cylinder pin excluded.





ARM DIMENSIONS	952F		952F WITH RETRACTABLE UNDERCARRIAGE	
Arm	2,550 mm	2,900 mm	2,550 mm	2,900 mm
Length	3,900 mm	4,300 mm	3,900 mm	4,300 mm
Height	1,200 mm	1,150 mm	1,200 mm	1,150 mm
Width	720 mm	720 mm	720 mm	720 mm
Weight	2,550 kg	2,600 kg	2,550 kg	2,600 kg

Cylinder, linkage and pin included.









BOOM DIMENSIONS	956F
Boom	7,060 mm
Length	7,300 mm
Height	1,900 mm
Width	1,063 mm (with hinge pin)
Weight	4,570 kg

Cylinder, piping and pin included. Boom cylinder pin excluded.

ARM DIMENSIONS	956F
Arm	2,900 mm
Length	4,376 mm
Height	1,055 mm
Width	715 mm (with hinge pin)
Weight	2,665 kg

Cylinder, linkage and pin included.

MACHINE WEIGHTS AND GROUND PRESSURE 952F

Shoe width	Operating weight	Ground pressure	Overall width	Operating weight	Ground pressure	Overall width
	7.06 m boom, 2.9 m arm, 2.6 m³ bucket, 10,800 kg counterweight			6.5 m boom, 2.55 m arm, 3.2 m³ bucket, 10,800 kg counterweight		
600 mm	51,000 kg	85.9 kPa	3,340 mm	50,800 kg	85.6 kPa	3,340 mm
700 mm	51,600 kg	86.9 kPa	3,440 mm	51,400 kg	86.6 kPa	3,440 mm
800 mm	52,200 kg	87.9 kPa	3,540 mm	52,000 kg	87.6 kPa	3,540 mm
900 mm	52,800 kg	88.9 kPa	3,640 mm	52,600 kg	88.6 kPa	3,640 mm

MACHINE WEIGHTS AND GROUND PRESSURE 952F WITH RETRACTABLE UNDERCARRIAGE

Shoe width	Operating weight	Ground pressure	Overall width	Operating weight	Ground pressure	Overall width
	7.06 m boom, 2.9 m arm, 2.6 m³ bucket, 10,800 kg counterweight			6.5 m boom, 2.55 m arm, 3.2 m³ bucket, 10,800 kg counterweight		
600 mm	54,300 kg	86.4 kPa	2,990 / 3,490 mm	52,600 kg	88.6 kPa	2,990 / 3,490 mm

MACHINE WEIGHTS AND GROUND PRESSURE 956F

Shoe width	Operating weight	Ground pressure	Overall width
	7.06 m boom, 2.9 m rm, 2.6 m³ bucket, 12,000 kg counterweight		
600 mm (24")	55,900 kg	87.5 kPa	2,990 / 3,490 mm

BUCKET SELECTION GUIDE 952F

Bucket type	Capacity	Cutting width	Weight	Teeth pcs	7.06 m Boom 2.9 m Arm	6.5 m Boom 2.55 m Arm
HD Digging Bucket	2.6 m³	1,710 mm	2,600 kg	5	D	NA
HD Loading Bucket	2.8 m³	1,865 mm	2,650 kg	5	AB	BC
HD Loading Bucket	3.2 m³	2,080 mm	2,910 kg	5	NA	AB

BUCKET SELECTION GUIDE 956F

Bucket type	Capacity	Cutting width	Weight	Teeth pcs	7.06 m Boom 2.9 m Arm	6.5 m Boom 2.55 m Arm
General purpose bucket	3.2 m³	1,780 mm	3,320 kg	5	AB	BC
Heavy duty loading bucket	3.6 m³	2,040 mm	3,600 kg	5	NA	AB

The recommendations are given as a guide only, based on typical operation conditions.
Bucket capacity based on ISO 7451, heaped material with a 1:1 angle of repose.

Maximum material density:
A. 1,200-1,300 kg/m³: Coal, Caliche, Shale
B. 1,400-1,600 kg/m³: Wet earth and clay, limestone, sandstone
C. 1,700-1,800 kg/m³: Granite, wet sand, well blasted rock
D. 1,900 kg/m³: Wet mud, Iron ore
NA. Not applicable

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.


Rating over-front (Cf)


Rating over-side (Cs)

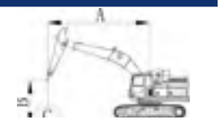
1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.
4. Lifting capacities are based on machine standing on level, firm and uniform ground.
5. *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at all times.

LIFTING CAPACITY 952F

952F with 600 mm Shoes, 6,500 mm Boom, 2,550 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rating loads over front
Cs: Rating loads over side or 360°

Conditions:
Boom length: 6,500 mm
Arm length: 2,550 mm
Bucket: None
counterweight: 10,800 kg
Shoes: 600 mm triple grouser
Unit: kg



A (Unit: m)

B (m)		3		4.5		6		7.5		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
7.5	kg									*14,078	12,909	7
6.0	kg					*15,437	*15,437	*13,821	11,486	*13,535	10,351	8.0
4.5	kg			*22,145	*22,145	*16,990	15,461	*14,403	11,198	*13,366	9,285	8.5
3.0	kg			*25,726	21,751	*18,641	14,683	*15,154	10,827	*13,291	8,654	8.8
1.5	kg			*22,508	20,877	*19,670	14,097	*15,664	10,507	*13,316	8,509	8.8
GROUND LEVEL	kg			*25,644	20,726	*19,658	13,807	*15,579	10,322	*13,414	8,819	8.5
-1.5	kg	*22,392	*22,392	*23,383	20,868	*18,460	13,785	*14,486	10,322	*13,152	9,552	8.0
-3.0	kg	*22,693	*22,693	*19,667	*19,667	*15,699	14,019			*12,521	11,315	7.1
-4.5	kg			*13,323	*13,323					*10,304	*10,304	5.7

LIFTING CAPACITY 952F

952F with 700 mm Shoes, 6,500 mm Boom, 2,550 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rating loads over front
Cs: Rating loads over side or 360°

Conditions
Boom length: 6,500 mm
Arm length: 2,550 mm
Bucket: None
counterweight: 10,800 kg
Shoes: 600 mm triple grouser
Unit: kg



A (Unit: m)

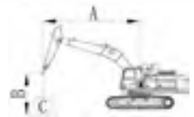
B (m)		3		4.5		6		7.5		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
7.5	kg									*14,078	13,122	7
6.0	kg					*15,437	*15,437	*13,821	11,682	*13,535	10,532	8.0
4.5	kg			*22,145	*22,145	*16,990	15,722	*14,403	11,394	*13,366	9,452	8.5
3.0	kg			*25,726	22,140	*18,641	14,944	*15,154	11,023	*13,291	8,814	8.8
1.5	kg			*22,508	21,266	*19,670	14,357	*15,664	10,702	*13,316	8,670	8.8
GROUND LEVEL	kg			*25,644	21,115	*19,658	14,067	*15,579	10,517	*13,414	8,986	8.5
-1.5	kg	*22,392	*22,392	*23,383	21,257	*18,460	14,045	*14,486	10,517	*13,152	9,733	8.0
-3.0	kg	*22,693	*22,693	*19,667	*19,667	*15,699	14,279			*12,521	11,524	7.1
-4.5	kg			*13,323	*13,323					*10,304	*10,304	5.7

LIFTING CAPACITY 952F

952F with 800 mm Shoes, 6,500 mm Boom, 2,550 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rating loads over front
Cs: Rating loads over side or 360°

Conditions:
Boom length: 6,500 mm
Arm length: 2,550 mm
Bucket: None
counterweight: 10,800 kg
Shoes: 800 mm triple grouser
Unit: kg



A (Unit: m)

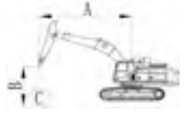
B (m)		3		4.5		6		7.5		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
7.5	kg									*14,078	13,335	7
6.0	kg					*15,437	*15,437	*13,821	11,877	*13,535	10,712	8.0
4.5	kg			*22,145	*22,145	*16,990	15,982	*14,403	11,589	*13,366	9,620	8.5
3.0	kg			*25,726	22,529	*18,641	15,204	*15,154	11,218	*13,291	8,975	8.8
1.5	kg			*22,508	21,655	*19,670	14,617	*15,664	10,898	*13,316	8,830	8.8
GROUND LEVEL	kg			*25,644	21,504	*19,658	14,327	*15,579	10,713	*13,414	9,154	8.5
-1.5	kg	*22,392	*22,392	*23,383	21,646	*18,460	14,305	*14,486	10,713	*13,152	9,913	8.0
-3.0	kg	*22,693	*22,693	*19,667	*19,667	*15,699	14,539			*12,521	11,734	7.1
-4.5	kg			*13,323	*13,323					*10,304	*10,304	5.7

LIFTING CAPACITY 952F

952F with 900 mm Shoes, 6,500 mm Boom, 2,550 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rating loads over front
Cs: Rating loads over side or 360°

Conditions
Boom length: 6,500 mm
Arm length: 2,550 mm
Bucket: None
counterweight: 10,800 kg
Shoes: 900 mm triple grouser
Unit: kg



A (Unit: m)

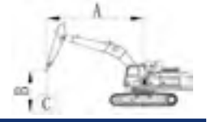
B (m)		3		4.5		6		7.5		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
7.5	kg									*14,078	13,548	7
6.0	kg					*15,437	*15,437	*13,821	12,073	*13,535	10,893	8.0
4.5	kg			*22,145	*22,145	*16,990	16,242	*14,403	11,784	*13,366	9,788	8.5
3.0	kg			*25,726	22,918	*18,641	15,464	*15,154	11,414	*13,291	9,136	8.8
1.5	kg			*22,508	22,044	*19,670	14,877	*15,664	11,093	*13,316	8,991	8.8
GROUND LEVEL	kg			*25,644	21,893	*19,658	14,587	*15,579	10,908	*13,414	9,321	8.5
-1.5	kg	*22,392	*22,392	*23,383	22,035	*18,460	14,566	*14,486	10,908	*13,152	10,094	8.0
-3.0	kg	*22,693	*22,693	*19,667	*19,667	*15,699	14,800			*12,521	11,943	7.1
-4.5	kg			*13,323	*13,323					*10,304	*10,304	5.7

LIFTING CAPACITY 952F

952F with 600 mm Shoes, 7,060 mm Boom, 2,900 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rating loads over front
Cs: Rating loads over side or 360°

Conditions:
Boom length: 7,060 mm
Arm length: 2,900 mm
Bucket: None
counterweight: 10,800 kg
Shoes: 600 mm triple grouser
Unit: kg



A (Unit: m)

B (m)		3		4.5		6		7.5		9		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
9.0	kg											*12,829	*12,829	6.9
7.5	kg							*12,312	11,824			*12,143	10,415	8.1
6.0	kg							*12,751	11,600			*11,869	8,881	8.9
4.5	kg			*21,759	*21,759	*16,295	15,383	*13,607	11,202	*12,066	8,585	*11,789	8,028	9.4
3.0	kg					*18,105	14,522	*14,543	10,761	*12,465	8,373	*11,760	7,520	9.7
1.5	kg					*19,255	13,894	*15,235	10,389	*12,750	8,176	11,719	7,399	9.7
GROUND LEVEL	kg					*19,428	13,583	*15,424	10,158	*12,671	8,055	*12,002	7,630	9.4
-1.5	kg			*23,490	20,534	*18,628	13,527	*14,898	10,091			*11,818	8,068	9
-3.0	kg	*24,072	*24,072	*20,710	*20,710	*16,762	13,679	*13,296	10,211			*11,582	9,182	8.2
-4.5	kg	*18,555	*18,555	*16,337	*16,337	*13,238	*13,238					*10,685	*10,685	7

LIFTING CAPACITY 952F

952F with 700 mm Shoes, 7,060 mm Boom, 2,900 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rating loads over front
Cs: Rating loads over side or 360°

Conditions
Boom length: 7,060 mm
Arm length: 2,900 mm
Bucket: None
counterweight: 10,800 kg
Shoes: 700 mm triple grouser
Unit: kg



A (Unit: m)

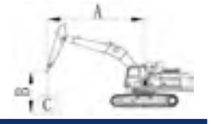
B (m)		3		4.5		6		7.5		9		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
9.0	kg											*12,829	*12,829	6.9
7.5	kg							*12,312	12,020			*12,143	10,592	8.1
6.0	kg							*12,751	11,796			*11,869	9,039	8.9
4.5	kg			*21,759	*21,759	*16,295	15,643	*13,607	11,398	*12,066	8,741	*11,789	8,177	9.4
3.0	kg					*18,105	14,782	*14,543	10,956	*12,465	8,530	*11,760	7,664	9.7
1.5	kg					*19,255	14,154	*15,235	10,585	*12,750	8,333	*11,823	7,542	9.7
GROUND LEVEL	kg					*19,428	13,843	*15,424	10,353	*12,671	8,212	*12,002	7,779	9.4
-1.5	kg			*23,490	20,923	*18,628	13,787	*14,898	10,286			*11,818	8,225	9
-3.0	kg	*24,072	*24,072	*20,710	*20,710	*16,762	13,939	*13,296	10,406			*11,582	9,357	8.2
-4.5	kg	*18,555	*18,555	*16,337	*16,337	*13,238	*13,238					*10,685	*10,685	7

LIFTING CAPACITY 952F

952F with 800 mm Shoes, 7,060 mm Boom, 2,900 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rating loads over front
Cs: Rating loads over side or 360°

Conditions:
Boom length: 7,060 mm
Arm length: 2,900 mm
Bucket: None
counterweight: 10,800 kg
Shoes: 800 mm triple grouser
Unit: kg



A (Unit: m)

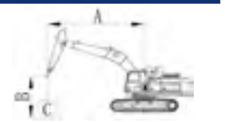
B (m)		3		4.5		6		7.5		9		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
9.0	kg											*12,829	*12,829	6.9
7.5	kg							*12,312	12,215			*12,143	10,770	8.1
6.0	kg							*12,751	11,991			*11,869	9,198	8.9
4.5	kg			*21,759	*21,759	*16,295	15,903	*13,607	11,593	*12,066	8,898	*11,789	8,326	9.4
3.0	kg					*18,105	15,042	*14,543	11,152	*12,465	8,686	*11,760	7,807	9.7
1.5	kg					*19,255	14,415	*15,235	10,780	*12,750	8,489	*11,823	7,685	9.7
GROUND LEVEL	kg					*19,428	14,103	*15,424	10,549	*12,671	8,368	*12,002	7,927	9.4
-1.5	kg			*23,490	21,312	*18,628	14,048	*14,898	10,482			*11,818	8,381	9
-3.0	kg	*24,072	*24,072	*20,710	*20,710	*16,762	14,199	*13,296	10,602			*11,582	9,532	8.2
-4.5	kg	*18,555	*18,555	*16,337	*16,337	*13,238	*13,238					*10,685	*10,685	7

LIFTING CAPACITY 952F

952F with 900 mm Shoes, 7,060 mm Boom, 2,900 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rated loads over front
Cs: Rated loads over side

Conditions
Boom length: 7,060 mm
Arm length: 2,900 mm
Bucket: None
counterweight: 10,800 kg
Shoes: 900 mm triple grouser
Unit: kg



A (Unit: m)

B (m)		3		4.5		6		7.5		9		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
9.0	kg											*12,829	*12,829	6.9
7.5	kg							*12,312	*12,312			*12,143	10,948	8.1
6.0	kg							*12,751	12,187			*11,869	9,357	8.9
4.5	kg			*21,759	*21,759	*16,295	16,163	*13,607	11,789	*12,066	9,054	*11,789	8,474	9.4
3.0	kg					*18,105	15,302	*14,543	11,347	*12,465	8,843	*11,760	7,950	9.7
1.5	kg					*19,255	14,675	*15,235	10,976	*12,750	8,646	*11,823	7,828	9.7
GROUND LEVEL	kg					*19,428	14,363	*15,424	10,744	*12,671	8,525	*12,002	8,076	9.4
-1.5	kg			*23,490	21,701	*18,628	14,308	*14,898	10,677			*11,818	8,538	9
-3.0	kg	*24,072	*24,072	*20,710	*20,710	*16,762	14,459	*13,296	10,797			*11,582	9,707	8.2
-4.5	kg	*18,555	*18,555	*16,337	*16,337	*13,238	*13,238					*10,685	*10,685	7

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.


Rating over-front (Cf)


Rating over-side (Cs)

1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.
4. Lifting capacities are based on machine standing on level, firm and uniform ground.
5. *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at all times.

LIFTING CAPACITY 952F WITH RETRACTABLE UNDERCARRIAGE

952F Retractable UC with 600 mm Shoes, 6,500 mm Boom, 2,550 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rating loads over front
Cs: Rating loads over side or 360°

Conditions:
Boom length: 6,500 mm
Arm length: 2,550 mm
Bucket: None
counterweight: 10,800 kg
Shoes: 600 mm triple grouser
Unit: kg



A (Unit: m)

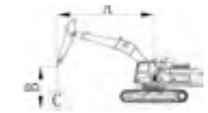
B (m)		3		4.5		6		7.5		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
7.5	kg									*12,409	*12,409	7
6.0	kg					*13,626	*13,626	*12,161	*12,161	*11,897	*11,897	8
4.5	kg			*19,520	*19,520	*14,958	*14,958	*12,657	*12,657	*11,729	10,788	8.5
3.0	kg			*22,595	*22,595	*16,373	*16,373	*13,297	12,602	*11,647	10,088	8.8
1.5	kg			*20,229	*20,229	*17,247	16,525	*13,725	12,278	*11,656	9,942	8.8
GROUND LEVEL	kg			*22,443	*22,443	*17,211	16,230	*13,633	12,090	*11,728	10,317	8.5
-1.5	kg	*20,114	*20,114	*20,423	*20,423	*16,134	*16,134	*12,652	12,091	*11,478	11,175	8
-3.0	kg	*19,628	*19,628	*17,114	*17,114	*13,673	*13,673			*10,889	*10,889	7.1
-4.5	kg			*11,469	*11,469					*8,860	*8,860	5.7

LIFTING CAPACITY 952F WITH RETRACTABLE UNDERCARRIAGE

952F Retractable UC with 600 mm Shoes, 7,060 mm Boom, 2,900 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rating loads over front
Cs: Rating loads over side or 360°

Conditions
Boom length: 7,060 mm
Arm length: 2,900 mm
Bucket: None
counterweight: 10,800 kg
Shoes: 600 mm triple grouser
Unit: kg



A (Unit: m)

B (m)		3		4.5		6		7.5		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
7.5	kg							*10,840	*10,840	*10,683	*10,683	8.1
6.0	kg							*11,221	*11,221	*10,428	10,292	8.9
4.5	kg			*19,232	*19,232	*14,367	*14,367	*11,971	*11,971	*10,349	9,349	9.4
3.0	kg					*15,960	*15,960	*12,793	12,550	*10,317	8,795	9.7
1.5	kg					*16,972	16,388	*13,400	12,191	*10,369	8,677	9.7
GROUND LEVEL	kg			*18,480	*18,480	*17,117	16,088	*13,561	11,969	*10,364	8,848	9.5
-1.5	kg			*20,710	*20,710	*16,398	16,035	*13,087	11,904	*10,352	9,482	9
-3.0	kg	*21,153	*21,153	*18,220	*18,220	*14,728	*14,728	*11,654	*11,654	*10,132	*10,132	8.2
-4.5	kg	*16,209	*16,209	*14,306	*14,306	*11,577	*11,577			*9,312	*9,312	7

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.



Rating over-front (Cf)



Rating over-side (Cs)

1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.
4. Lifting capacities are based on machine standing on level, firm and uniform ground.
5. *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at all times.

LIFTING CAPACITY 956F

956F with 600 mm Shoes, 7,060 mm Boom, 2,900 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rating loads over front
Cs: Rating loads over side or 360°

Conditions:
Boom length: 7,060 mm
Arm length: 2,900 mm
Bucket: None
counterweight: 12,000 kg
Shoes: 600 mm triple grouser
Unit: kg

		A (Unit: m)										
B (m)		3		4.5		6		7.5		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
7.5	kg									*12,409	*12,409	7
6.0	kg					*13,626	*13,626	*12,161	*12,161	*11,897	*11,897	8
4.5	kg			*19,520	*19,520	*14,958	*14,958	*12,657	*12,657	*11,729	10,788	8.5
3.0	kg			*22,595	*22,595	*16,373	*16,373	*13,297	12,602	*11,647	10,088	8.8
1.5	kg			*20,229	*20,229	*17,247	16,525	*13,725	12,278	*11,656	9,942	8.8
GROUND LEVEL	kg			*22,443	*22,443	*17,211	16,230	*13,633	12,090	*11,728	10,317	8.5
-1.5	kg	*20,114	*20,114	*20,423	*20,423	*16,134	*16,134	*12,652	12,091	*11,478	11,175	8
-3.0	kg	*19,628	*19,628	*17,114	*17,114	*13,673	*13,673			*10,889	*10,889	7.1
-4.5	kg			*11,469	*11,469					*8,860	*8,860	5.7

STANDARD EQUIPMENT

ENGINE
- Cummins L9 engine, EU Stage V, 6-cylinder diesel engine with intercooling, high pressure common rail, electronically controlled direct injection
- Refuelling pump

HYDRAULIC SYSTEM
- Dual-way auxiliary circuit via electronic proportional joystick control
- On-screen auxiliary lines switching, one-way or two-way
- Auxiliary rotation lines with on-screen flow adjustment
- Attachment oil drain line
- Pressure adjustable quick coupler lines
- Hydraulic hammer return oil filtration
- Quick coupler on warning

BOOM & ARM
- 7,060 mm boom
- 2,900 mm arm
- Boom & arm load holding valves
- Boom float function

OPERATOR STATION
- ROPS cab
- Heating and cooling air conditioning
- 10.1 inch touch screen
- Fire extinguisher
- Sun visor
- 12 V power outlet and USB Type-A/C
- DAB radio
- Reversible armrest box with orange handrail
- Parallel windshield wiper
- Heated and ventilated air suspension seat with 3 inch red retractable seatbelt

GUARDS
- Bucket cylinder guard
- Operation protection guard (cab front and top guard, bar)
- Platform side guard
- Upper frame guard

SERVICE & MAINTENANCE
- Compressed air cleaning kit
- Centralized lubrication system
- Long life hydraulic oil

ELECTRICAL
- 4 LED lights on the boom
- 2 LED lights at the counterweight
- LED light bars on the front and rear of the cab
- Rotating beacon
- Travel and swing alarm
- Overload warning
- Seatbelt beacon
- 360-degree cameras with lighting on both sides
- T-BOX

UNDERCARRIAGE
- Retractable undercarriage
- 8 mm under covers
- 600 mm track shoes, triple grouser
- Full length track guard

OTHERS
- Standard counterweight, 10,800kg (available for the 952F)
- Standard counterweight, 12,000kg (available for the 956F)

OPTIONAL EQUIPMENT

BOOM & ARM
- 6,500 mm boom
- 2,550 mm arm

UNDERCARRIAGE
- 700 mm track shoes, triple grouser (available for the 952F)
- 800 mm track shoes, triple grouser (available for the 952F)
- 900 mm track shoes, triple grouser (available for the 952F)

ATTACHMENT
- Heavy duty bucket, 2.6 m^3
- Heavy duty bucket, 2.8 m^3
- heavy duty bucket, 3.2 m^3
- heavy duty bucket, 3.6 m^3
- Hydraulic quick coupler

LiuGong

TOUGH WORLD. TOUGH EQUIPMENT.

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LG-PB-952F & 956F-Stage V-A4-072026-ENG

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LiuGong

956F EXCAVATOR

F-SERIES

Engine	Cummins X12
Power Output	298 kW @ 2,100 rpm
Operating Weight	55,500-56,000 kg
Bucket Capacity	3.2-3.6 m^3



TOUGH WORLD. TOUGH EQUIPMENT.

BUILT FOR THE TOUGHEST APPLICATIONS

For over 65 years, LiuGong has built machines that thrive in the toughest environments. The 956F, part of our advanced F-Series, are engineered for maximum power, precision, and durability.

Designed to excel in urban construction, landscaping, and utility tasks, this machine combines cutting-edge technology with proven reliability to keep you working efficiently in even the harshest conditions.

Since launching our first hydraulic excavator in 1992, we've remained committed to innovation, ensuring every LiuGong machine is built to perform, wherever the job takes you.



YOUR PERFORMANCE DASHBOARD

Research tells us that 5 key performance areas really matter to you. We'd like to use this performance dashboard to present the real, tough facts about our new 956F.

- POWER & EFFICIENCY
- TOUGHNESS & RELIABILITY
- ERGONOMICS & COMFORT
- SAFETY & VISIBILITY
- UPTIME & MAINTENANCE

THIS IS LIUGONG

- 65+ YEARS EST 1958
- 30+ PRODUCT LINES
- 12 GLOBAL R&D CENTERS
- 30+ GLOBAL OFFICES
- 16,000+ EMPLOYEES
- 20+ GLOBAL MANUFACTURING FACILITIES

THE 956F IN ACTION...

LiuGong 956F Excavator is your reliable partner in mining, heavy construction, demolition, and other heavy-duty operations. It not only delivers maximum power and reliability but is also built to help you maximize productivity and minimize operating costs.



LET'S TAKE A CLOSER LOOK...

POWER & EFFICIENCY

- Complying with EU Stage V emission standards, Cummins X12 engine delivers a power of 298 kW. This ensures not only high performance but also environment-friendly operation.
- The 956F provides 15% more power and 21% higher torque, significantly enhancing productivity and efficiency—even under the most demanding heavy-duty conditions.
- Electronically controlled main pump with increased displacement matched with electro-proportional main valve offers greater digging force and faster cycle times.



TOUGHNESS & RELIABILITY

- The 956F features reinforced undercarriage with dual carrier rollers and full length track guides enhance durability and reliability under heavy loads.
- The boom and arm are built with forged supports, high-strength steel castings, and larger pins for superior durability and fatigue resistance in extreme conditions.
- Heavy duty buckets deliver greater durability with reinforced main and side cutters, and impact-resistant teeth to withstand extreme abrasion and impact.



ERGONOMICS & COMFORT

- 10.1-inch touchscreen provides intuitive control over menus, settings, and real-time machine data.
- One-touch attachment control allows easy adjustment of pressure and flow for various attachments.
- Heated and ventilated air suspension seat with electronic lumbar reduces fatigue during long shifts.
- European-standard DAB radio with upgraded speakers enhances the operating experience.



SAFETY & VISIBILITY

- Operator protective guards are designed to protect the cab and the operator in the event of accidents like rollovers, falling objects, or overhead hazards.
- Standard LED lighting package with front and rear light bars, boom lights, and counterweight lights provides 360° illumination.
- 360-degree cameras with side lights enhance jobsite safety during low-light or nightime operations.
- Parallel wipers deliver expanded cleaning coverage, significantly improving visibility in heavy-dust environments, thus increasing operating safety.





UPTIME & MAINTENANCE

- Fuel filter, oil filer, engine oil and air filters are synchronized to be replaced every 500 hours.
- Two-stage filtration system with improved filtration, extending the replacement interval to 500 hours — 50% longer than E series designs.
- Auto-lubrication system eliminates the need for frequent manual greasing, ensures consistent performance under heavy-duty conditions, and extends the service life of critical parts.
- The reversing fan reverses automatically to remove dust and debris from the radiators and coolers wthout the need for manual cleaning, protecting the machine from overheating while reducing downtime.





956F SPECIFICATIONS

Operating weight	55,500-56,000 kg

Operating weight includes coolant, lubricants, full fuel tank, cab, standard shoes, boom, arm, bucket and operator 75 kg.

Bucket capacity	3.2-3.6 m³

ENGINE

Cummins EU Stage V, 6-cylinder straight Variable-Geometry Turbocharger (VGT), high pressure common rail, electronically controlled direct injection.
Air cleaner: Cummins direct flow air filter.
Cooling system: Charge air cooler.

Emission rating	EU Stage V
Engine manufacturer	Cummins
Engine model	X12
Aspiration	Variable-Geometry Turbocharger (VGT)
Charged air cooling	Aftercooler
Cooling fan drive	Viscous clutch
Displacement	11.8 L
Engine output - net (SAE J1349 / ISO 9249)	282 kW @ 2,100 rpm
Engine output - rated (SAE J1995 / ISO 14396)	298 kW @ 2,100 rpm
Maximum torque	2,034 N·m @ 1,400 rpm
Bore × Stroke	132 × 144 mm

SWING SYSTEM

Planetary gear reduction driven by high torque axial piston motor, with oil disk brake. Swing parking brake resets within five seconds after swing pilot controls return to neutral.

Swing speed	8.8 rpm
Swing torque	189,600 N·m

HYDRAULIC SYSTEM

Main Pump	
Type	Two variable displacement piston pumps
Maximum flow	2 × 432 L/min
Pilot Pump	
Type	Gear pump
Maximum flow	15 L/min
Relief Valve Setting	
Implement	35 / 37.3 MPa
Travel circuit	35 MPa
Slew circuit	28.5 MPa
Pilot circuit	3.9 MPa
Hydraulic Cylinders	
Boom Bore × Stroke	Φ170 × 1,560 mm
Arm Bore × Stroke	Φ190 × 1,980 mm
Bucket Bore × Stroke	Φ180 × 1,260 mm

UNDERCARRIAGE

Track shoes, each side	53
Link pitch	228 mm
Shoe width, triple grouser	600 mm
Bottom rollers, each side	9
Top rollers, each side	3

DRIVE AND BRAKES

2-speed axial piston motors with oil disk brakes. Steering controlled by two hand levers with pedals.

Max. travel speed	High: 5.4 km/h Low: 3.2 km/h
Gradeability	35°/70%
Max. drawbar pull	410 kN

ELECTRIC SYSTEM

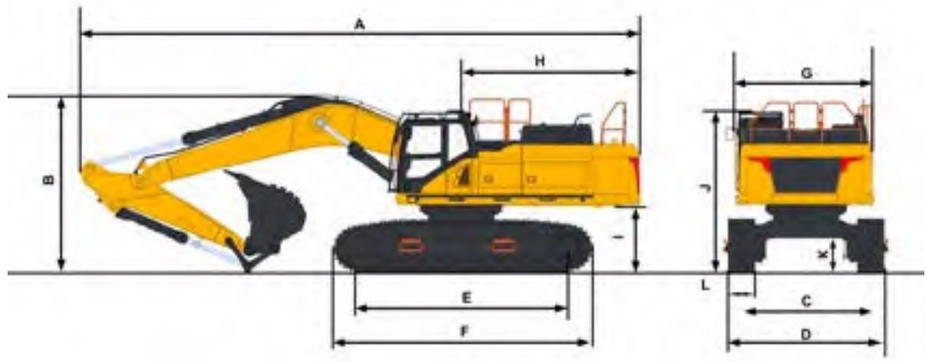
System voltage	24 V
Batteries	2 x 12 V
Alternator	24 V - 70 A
Start motor	24 V - 7.5 kW

SOUND PERFORMANCE

Interior sound level (ISO 6396)	72 dB(A)
Exterior sound level (ISO 6395)	107 dB(A)

SERVICE CAPACITIES

Fuel tank	700 L
Engine oil	34 L
Final drive (each)	15 L
Swing drive	5.3 × 2 L
Cooling system	50 L
Hydraulic reservoir	230 L
Hydraulic system total	420 L
DEF tank	150 L



DIMENSIONS

Boom	7,060 mm	6,500 mm
Arm options	2,900 mm	2,550 mm
A. Shipping length	12,515 mm	11,900 mm
B. Shipping height – top of boom	4,175 mm (bucket)	3,860 mm (bucket)
C. Track gauge	2,390 mm	2,890 mm
D. Undercarriage width– 600 mm shoes	2,990 mm	3,490 mm
E. Length to center of rollers	4,750 mm	
F. Track length	5,800 mm	
G. Overall width of upper structure	3,462 mm (including protective side beam)	
H. Tail swing radius	4,015 mm	
I. Counterweight ground clearance	1,450 mm	
J. Overall height of cab	3,590 mm (with protective equipment)	
K. Min. ground clearance	510 mm	
L. Track shoe width	600 mm	



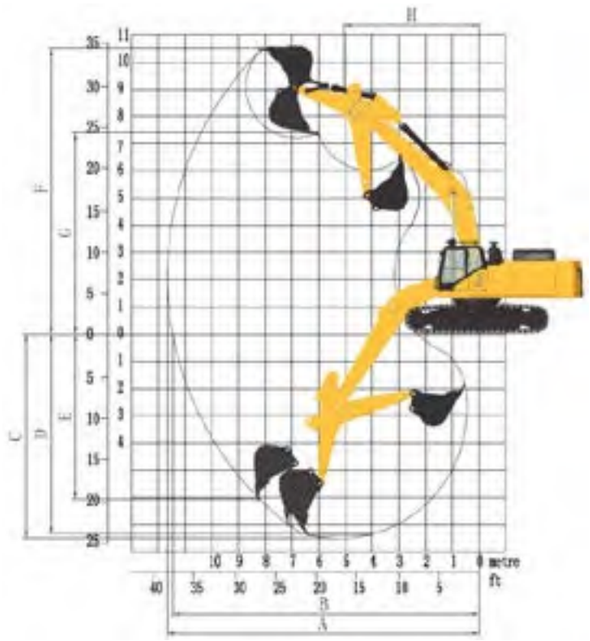


BOOM DIMENSIONS	956F (STANDARD)	956F (SHORT BOOM)
Boom	7,060 mm	6,500 mm
A Length	7,300 mm	6,800 mm
B Height	1,900 mm	2,000 mm
C Width	832 mm	
D Width	1,063 mm (with boom hinge pin 1,110 mm)	
Weight	4,170 kg	4,078 kg

Cylinder, piping and pin included. Boom cylinder pin excluded.

ARM DIMENSIONS	956F (STANDARD)	956F (SHORT ARM)
Arm	2,900 mm	2,550 mm
A Length	4,376 mm	3,873 mm
B Height	1,055 mm	1,155 mm
C Width	715 mm (with hinge pin)	
Weight	1,850 kg	1,822 kg

Cylinder, linkage and pin included.



WORKING RANGE

Boom		7,060 mm	6,500 mm
Arm options		2,900 mm	2,550 mm
A. Max. Digging Reach		11,880 mm	11,980 mm
B. Max. Digging Reach on Ground		11,665 mm	10,820 mm
C. Max. Digging Depth		7,530 mm	6,685 mm
D. Max. Digging Depth, 2.5 m Level		7,210 mm	6,585 mm
E. Max. Vertical Wall Digging Depth		5,930 mm	5,080 mm
F. Max. Cutting Height		10,570 mm	10,060 mm
G. Max. Dumping Height		7,150 mm	6,670 mm
H. Min. Front Swing Radius		5,110 mm	4,805 mm
Bucket Digging Force (ISO)	Normal	300 mm	
	Power Boost	320 mm	
Stick Digging Force (ISO)	Normal	245 mm	260 mm
	Power Boost	265 mm	275 mm
Bucket Capacity		3.2 m³	
Bucket Tip Radius		1,752 mm	

MACHINE WEIGHTS AND GROUND PRESSURE

	Operating weight	Ground pressure	Overall width	Operating weight	Ground pressure	Overall width
Shoe width	7,060 mm boom, 2,900 mm arm, 3.2 m³ bucket, 12,000 kg counterweight (other systems are standard configuration)			6,500 mm boom, 2,550 mm arm, 3.2 m³ bucket, 12,000 kg counterweight (other systems are standard configuration)		
600 mm	56,000 kg	89.4 kPa	2,990 / 3,490 mm	55,500 kg	88.6 kPa	2,990 / 3,490 mm

BUCKET SELECTION GUIDE

Bucket type	Capacity	Cutting width	Weight	Teeth pcs	7,060 mm boom 2,900 mm arm	6,500 mm boom 2,550 mm arm
General purpose bucket	3.2 m³	1,850 mm	3,520 kg	5	AB	BC
Heavy duty loading bucket	3.6 m³	2,040 mm	3,540 kg	5	NA	AB

The recommendations are given as a guide only, based on typical operation conditions.
Bucket capacity based on ISO 7451, heaped material with a 1:1 angle of repose.

Maximum material density:
A. 1,200-1,300 kg/m³: Coal, Caliche, Shale
B. 1,400-1,600 kg/m³: Wet earth and clay, limestone, sandstone
C. 1,700-1,800 kg/m³: Granite, wet sand, well blasted rock
D. 1,900 kg/m³: Wet mud, Iron ore
NA. Not applicable

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.


Rating over-front (Cf)


Rating over-side (Cs)

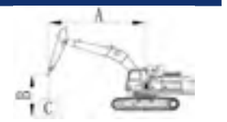
1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.
4. Lifting capacities are based on machine standing on level, firm and uniform ground.
5. *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at all times.

LIFTING CAPACITY

956F with 600 mm Shoes, 6,500 mm Boom, 2,550 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rating loads over front
Cs: Rating loads over side or 360°

Conditions:
Boom length: 6,500 mm
Arm length: 2,550 mm
Bucket: None
counterweight: 12,000 kg
Shoes: 600 mm triple grouser
Unit: kg



A (Unit: m)

B (m)		3		4.5		6		7.5		9		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
7.5	kg									*14,012	*14012	*10,699	*10,699	7.1
6.0	kg					*15,550	*15,550	*13,853	*13,853	*13,534	12,606	*9,249	*9,249	8
4.5	kg			*22,497	*22,497	*17,140	*17,140	*14,468	13,632	*13,305	11,149	*9,653	*9,653	8.6
3.0	kg			*25,935	*25,935	*18,764	18,013	*15,213	13,254	*13,305	10,621	*11,279	9,529	8.8
1.5	kg			*22,791	*22,791	*19,713	17,436	*15,685	12,936	*13,297	10,478	*11,626	9,425	8.8
GROUND LEVEL	kg			*25,493	*25,493	*19,603	17,165	*15533	12,762	*13,329	10,888	*11,565	9,640	8.5
-1.5	kg	*23,814	*2,3814	*23,128	*23,128	*18,293	17,165	*14,319	12,781	*13,235	11,991	*11,433	10,372	7.9
-3.0	kg	*22,170	*22,170	*19,250	*19,250	*15,350	*15,350			*12,426	*12426	*10,924	*10,924	7
-4.5	kg			*12,549	*12,549					*10,094	*10094	*9,742	*9,742	5.5

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.


Rating over-front (Cf)


Rating over-side (Cs)

1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.
4. Lifting capacities are based on machine standing on level, firm and uniform ground.
5. *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at all times.

LIFTING CAPACITY

956F with 600 mm Shoes, 7,060 mm Boom, 2,900 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rating loads over front
Cs: Rating loads over side or 360°

Conditions:
Boom length: 7,060 mm
Arm length: 2,900 mm
Bucket: None
counterweight: 12,000 kg
Shoes: 600 mm triple grouser
Unit: kg



A (Unit: m)

B (m)		3		4.5		6		7.5		9		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
9.0	kg											*12741	*12741	7
7.5	kg							*12324	*12324			*12106	*12106	8.2
6.0	kg							*12,814	*12,814			*11,841	10,643	9
4.5	kg					*16,461	*16,461	*13,690	13,632	*12,099	10,497	*11,744	9,682	9.5
3.0	kg					*18,238	17,847	*14,617	13,184	*12,497	10,280	*11,773	9,257	9.7
1.5	kg					*19,310	17,231	*15,275	12,816	*12,761	10,085	*11,815	9,136	9.7
GROUND LEVEL	kg			*21,539	*21,539	*19,396	16,938	*15,410	12,594	*12,637	9,971	*11,951	9,445	9.4
-1.5	kg			*23,295	*23,295	*18,512	16,900	*14,810	12,541			*11,912	10,132	8.9
-3.0	kg	*23,727	*23,727	*20,407	*20,407	*16,538	*16,538	*13,077	12,683			*11,581	11,548	8.1
-4.5	kg			*15,846	*15,846	*12,800	*12,800					*10,765	*10,765	6.8

STANDARD EQUIPMENT

ENGINE
- Cummins X12 engine, EU Stage V, 6-cylinder diesel engine with intercooling, high pressure common rail, electronically controlled direct injection
- Refuelling pump

HYDRAULIC SYSTEM
- Dual-way auxiliary circuit via electronic proportional joystick control
- On-screen auxiliary lines switching, one-way or two-way
- Auxiliary rotation lines with on-screen flow adjustment
- Attachment oil drain line
- Pressure adjustable quick coupler lines
- Hydraulic hammer return oil filtration
- Quick coupler on warning

BOOM & ARM
- 7,060 mm boom
- 2,900 mm arm
- Boom & arm load holding valves
- Boom float function

OPERATOR STATION
- ROPS cab
- Heating and cooling air conditioning
- 10.1-inch touch screen
- Fire extinguisher
- Sun visor
- 12 V power outlet and USB Type-A/C
- DAB radio
- Reversible armrest box with orange handrail
- Parallel windshield wiper
- Heated and ventilated air suspension seat with 3 inch red retractable seatbelt

GUARDS
- Bucket cylinder guard
- Operation protection guard (cab front and top guard, bar)
- Platform side guard
- Upper frame guard

ELECTRICAL
- 4 LED lights on the boom
- 2 LED lights at the counterweight
- LED light bars on the front and rear of the cab
- Rotating beacon
- Travel and swing alarm
- Overload warning
- Seatbelt beacon
- 360-degree cameras with lighting on both sides
- T-BOX

UNDERCARRIAGE
- Retractable undercarriage
- 8 mm under covers
- 600 mm track shoes, triple grouser
- Full length track guard

SERVICE & MAINTENANCE
- Compressed air cleaning kit
- Centralized lubrication system
- Long life hydraulic oil

OTHERS
- Standard counterweight, 12,000kg (available for the 956F)

OPTIONAL EQUIPMENT

ATTACHMENT
- Heavy duty bucket, 3.2 m³
- Heavy duty bucket, 3.6 m³
- Hydraulic quick coupler

BOOM & ARM
- 6,500 mm boom
- 2,550 mm arm

LiuGong

TOUGH WORLD. TOUGH EQUIPMENT.

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LiuGong

975F EXCAVATOR

F-SERIES

Engine	Cummins Model X15
Net Power	391 kW
Operating Weight	75,000-77,000 kg
Bucket Capacity	5 m^3



TOUGH WORLD. TOUGH EQUIPMENT.

BUILT FOR THE TOUGHEST APPLICATIONS

For over 65 years, LiuGong has built machines that thrive in the toughest environments. The 975F, part of our advanced F-Series, is engineered for maximum power, precision, and durability.

Designed to excel in demanding applications, this machine combines cutting-edge technology with proven reliability to keep you working efficiently in even the harshest conditions.

Since launching our first hydraulic excavator in 1992, we've remained committed to innovation, ensuring every LiuGong machine is built to perform, wherever the job takes you.



YOUR PERFORMANCE DASHBOARD

Research tells us that 6 key performance areas really matter to you. We'd like to use this performance dashboard to present the real, tough facts about our **975F.**

- POWER & EFFICIENCY
- TOUGHNESS & DURABILITY
- SAFETY & VISIBILITY
- UPTIME & MAINTENANCE
- INTELLIGENCE & CONTROL
- COMFORT & ERGONOMICS

THIS IS LIUGONG

- **65+** YEARS EST 1958
- **30+** PRODUCT LINES
- **12** GLOBAL R&D CENTERS
- **30+** GLOBAL OFFICES
- **16,000+** EMPLOYEES
- **20+** GLOBAL MANUFACTURING FACILITIES

THE 975F IN ACTION...

The 975F in quarry of Spain is meeting the demands of processing 3,000 tonnes of material daily.

The quarry supplies stone for highways, public building construction, and the production of concrete and asphalt, making the 975F a key part of its high-output operation.

Its power and efficiency help keep up with growing regional demand, ensuring a steady supply of essential materials.



LET'S TAKE A CLOSER LOOK...

POWER THAT DRIVES PRODUCTIVITY

Built for maximum performance, the 975F's advanced hydraulics and powerful engine deliver fast cycle times, increased productivity, and lower operating costs.

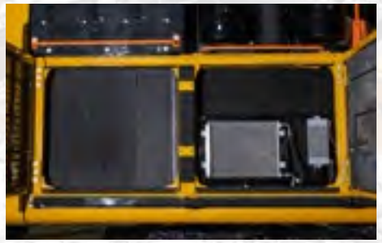
- The Cummins engine and Kawasaki pump provide reliable power, optimized by LiuGong's hydraulic system for faster cycles and greater efficiency.
- A temperature-controlled, reversible hydraulic fan improves cooling and reduces fuel consumption.
- Kawasaki dual slewing motors and large boom and bucket cylinders deliver faster response, precise control, and superior digging power.



TOUGHER BY DESIGN

Engineered for extreme conditions, the 975F's heavy-duty components maximize reliability and extend machine life.

- A reinforced swing platform and undercarriage enhance stability, durability, and long-term value.
- The toughened boom and arms handle heavy loads and rough terrain with ease.
- A reinforced retractable undercarriage provides stability in harsh conditions while allowing flexibility across job sites.





ENHANCED PROTECTION, SUPERIOR VISIBILITY

LiuGong prioritises operator safety and visibility to improve awareness and reduce risks on-site.

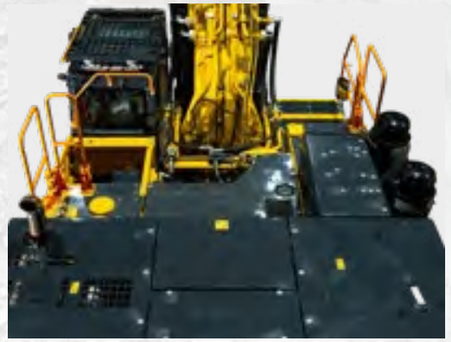
- A standard operator protection guard shields against falling debris in hazardous environments.
- 360° cameras with side lighting improve situational awareness for safer operation.
- High-visibility orange handrails and steps reduce missteps and enhance safety.



BUILT TO LAST, EASY TO MAINTAIN

Smart service features and durable components keep downtime low and efficiency high.

- Fully-opened side covers and foldable catwalks allow quick, hassle-free inspections and servicing.
- Premium air and return-oil filters reduce maintenance costs by up to 38% per 3,000 hours.
- An auto-lubrication system minimizes wear and eliminates frequent manual lubrication.



INTELLIGENT PERFORMANCE, SEAMLESS OPERATION

Smart control systems ensure precision, efficiency, and adaptability across different applications.

- An electronically controlled hydraulic system optimizes flow and pressure for greater precision and reduced operator fatigue.
- The 10.1" intuitive display simplifies operation and provides real-time fuel and temperature monitoring.
- High-precision control and quick coupler lines enable seamless tool changes and improved efficiency.





BUILT AROUND YOU

LiuGong machines are designed with the operator at the heart, ensuring all-day comfort and convenience.

- A European-standard DAB radio with upgraded speakers enhances the operating experience.
- USB Type-C and 12V power connectors provide versatile charging options.
- An optional heated & ventilated seat with lumbar support reduces fatigue during long shifts.



975F SPECIFICATIONS

Operating Weight	75,000 - 77,000 kg
Operating weight includes coolant, lubricants, full fuel tank, cab, standard shoes, boom, arm, bucket and operator 75 kg.	
Bucket Capacity	5 m³

ENGINE

Description	Cummins EU Stage V, 6-cylinder straight, Variable-Geometry Turbocharger (VGT), high pressure common rail, charge air cooler, electronically controlled direct injection.
Emission Rating	EU Stage V
Engine Manufacturer	Cummins
Engine Model	X15
Aspiration	Variable-Geometry Turbocharger (VGT)
Charged Air Cooling	Aftercooler
Cooling Fan Drive	Viscous clutch
Displacement	14.9 L
Engine Output - Net (SAE J1349 / ISO 9249)	391 kW @ 1,800 rpm
Maximum torque	2,373 N·m @ 1,400 rpm
Bore × Stroke	137 × 169 mm

DRIVE AND BRAKES

Description	2-speed axial piston motors with oil disk brakes. Steering controlled by two hand levers with pedals.
Max. Travel Speed	High: 4.7 km/h Low: 3.0 km/h
Gradeability	35° / 70%
Max. Drawbar Pull	495 kN

SWING SYSTEM

Description	Planetary gear reduction driven by high torque axial piston motor, with oil disk brake. Swing parking brake resets within five seconds after swing pilot controls return to neutral.
Swing Speed	7.51 rpm
Swing Torque	270,000 N.m

ELECTRICAL SYSTEM

System Voltage	24 V
Batteries	4 x 12 V
Alternator	24 V - 110 A
Start motor	24 V - 9 kW

HYDRAULIC SYSTEM

Main Pump	
Type	Two variable displacement piston pumps
Maximum flow	2 × 504 L/min
Pilot pump	
Type	Gear pump
Maximum flow	27 L/min
Relief valve setting	
Implement	35 / 37.3 MPa
Travel circuit	35 MPa
Slew circuit	31 MPa
Pilot circuit	3.9 MPa
Hydraulic cylinders	
Boom Cylinder – Bore×Stroke	Φ 200 × 1,720 mm
Stick Cylinder – Bore×Stroke	Φ 215 × 1,935 mm
Bucket Cylinder – Bore×Stroke	Φ 210 × 1,415 mm

UNDERCARRIAGE

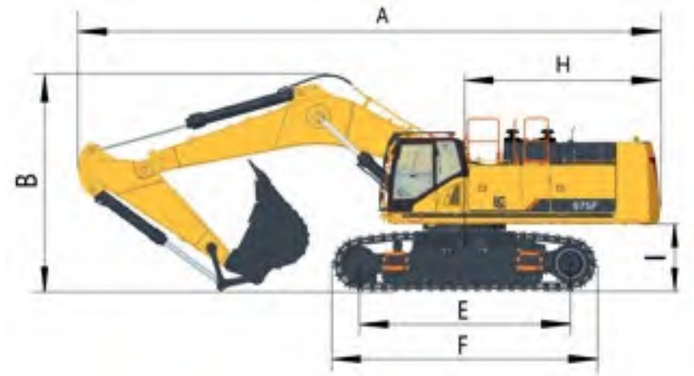
Track shoe each side	48
Link pitch	260 mm
Shoe width, triple grouser	650 mm
Bottom rollers each side	8
Top rollers each side	3

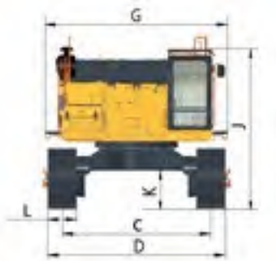
SERVICE CAPACITIES

Fuel Tank	1,100 L
Engine Oil	46 L
Final Drive (each)	20 L
Swing Drive	14 × 2 L
Cooling System	77 L
Hydraulic Reservoir	360 L
Hydraulic System Total	680 L
DEF Tank	65 L

SOUND PERFORMANCE

Interior Sound Power Level (ISO 6396)	72 dB(A)
Exterior Sound Power Level (ISO 6395)	109 dB(A)





DIMENSIONS

Boom	7,060 mm
Arm	2,900 mm
A Shipping Length	13,090 mm
B Shipping Height – Top of Boom	4,710 mm (with standard bucket)
C Track Gauge (Wide / Narrow)	3,350 / 2,710 mm
D Undercarriage Width – 650 mm Shoes (Wide / Narrow)	4,000 / 3,360 mm
E Length to Center of Rollers	4,750 mm
F Track Length	5,990 mm
G Overall Width of Upper Structure	4,100 mm (including passage)
H Tail Swing Radius	4,490 mm
I Counterweight Ground Clearance	1,495 mm
J Overall Height of Cab	3,620 mm (with protective equipment)
K Min. Ground Clearance	867 mm
L Track Shoe Width	650 mm





BOOM DIMENSIONS

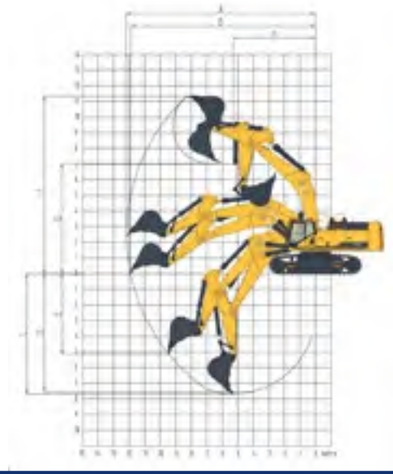
Boom	7,060 mm
A Length	7,400 mm
B Height	2,450 mm
C Width	1,360 mm
Weight	6,400 kg

Cylinder, piping and pin included. Boom cylinder pin excluded.

ARM DIMENSIONS

Arm	2,900 mm
A Length	4,310 mm
B Height	1,600 mm
C Width	860 mm
Weight	4,000 kg

Cylinder, linkage and pin included.



WORKING RANGE

Boom Length		7,060 mm
Arm Length		2,900 mm
A. Max. Digging Reach		12,160 mm
B. Max. Digging Reach on Ground		11,900 mm
C. Max. Digging Depth		7,680 mm
D. Max. Digging Depth, 2.44 m Level		7,530 mm
E. Max. Vertical Wall Digging Depth		5,150 mm
F. Max. Cutting Height		11,320 mm
G. Max. Dumping Height		7,020 mm
H. Min. Front Swing Radius		5,280 mm
Bucket Digging Force (ISO)	Normal	438 kN
	Power Boost	467 kN
Stick Digging Force (ISO)	Normal	331 kN
	Power Boost	352 kN
Bucket Capacity		5.0 m³
Bucket Tip Radius		1,991 mm

MACHINE WEIGHTS AND GROUND PRESSURE

Shoe width	Operating weight	Ground pressure	Overall width
	7.06 m boom, 2.9 m arm, 5.0 m³ bucket, 13,500 kg counterweight (other systems are standard configuration)		
650 mm (2'2")	76,300 kg	121.1 kPa	4,000 / 3,360 mm

BUCKET SELECTION GUIDE

					7.06 m Boom
Bucket type	Capacity	Cutting width	Weight	Teeth pcs	2.9 m Arm
General Purpose	5.0 m³	2,280 mm	5,280 kg	5	C

The recommendations are given as a guide only, based on typical operation conditions.
Bucket capacity based on ISO 7451, heaped material with a 1:1 angle of repose.

Maximum material density:
A. 1,200-1,300 kg/m³: Coal, Caliche, Shale
B. 1,400-1,600 kg/m³: Wet earth and clay, limestone, sandstone
C. 1,700-1,800 kg/m³: Granite, wet sand, well blasted rock
D. 1,900 kg/m³: Wet mud, Iron ore
NA. Not applicable

Lifting capacity at the arm end without bucket.
For lifting capacity including bucket, weight of the bucket or the bucket with quick coupler must be deducted from the lifting capacities.
Lifting capacities are based on the machine standing on a firm, uniform supporting surface.



Rating over-front (Cf)



Rating over-side (Cs)

1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. They do not exceed 87% of hydraulic lifting capacity or 75% tipping load.
3. Ratings at bucket lift hook.
4. Lifting capacities are based on machine standing on level, firm and uniform ground.
5. *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
6. Operator should be fully acquainted with the Operator's and Maintenance Instructions before operating this machine and rules for the safe operation of equipment should be adhered to at all times.

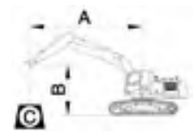
LIFTING CAPACITY

975F with 650 mm Shoes, 7,060 mm Boom, 2,900 mm Arm

A: Load radius
B: Load point height
C: Lifting capacity rating
Cf: Rated loads over front
Cs: Rated loads over side or 360°
* Indicates the load is limited by hydraulic capacity rather than tipping capacity

Conditions

Boom length: 7,060 mm
Arm length: 2,900 mm
Bucket: None
Counterweight: 13,500 kg
Track Shoe Width: 650 mm
Track Gauge: 3,350 mm
Unit: kg



A (Unit: m)

B (m)		3		4.5		6		7.5		9		MAX REACH		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)
9.0	kg											*20,457	*20,457	7.2
7.5	kg							*20,255	*20,255			*19,873	17,336	8.3
6.0	kg					*24,232	*24,232	*21,197	19,971	*19,604	15,095	*18,852	14,825	9.1
4.5	kg					*27,407	26,590	*22,744	19,296	*20,121	14,822	*19,550	13,664	9.5
3.0	kg					*30,417	25,253	*24,343	18,592	*20,839	14,465	*19,670	13,014	9.7
1.5	kg					*32,198	24,328	*25,473	18,021	*21,322	14,150	*19,784	12,810	9.7
GROUND LEVEL	kg					*32,370	23,879	*25,733	17,674	*21,152	13,963	*20,021	13,223	9.4
-1.5	kg			*39,174	36,909	*30,968	23,800	*24,776	38,754			*20,310	14,374	8.8
-3.0	kg	*41,187	*41,187	*34,471	*34,471	*27,748	24,036	*21,878	17,784			*19,754	16,432	8.0
-4.5	kg	*31,176	*31,176	*26,849	*26,849	*21,405	*21,405					*18,236	*18,236	6.7

STANDARD EQUIPMENT

ENGINE

- Cummins X15 engine, EU Stage V, 6-cylinder diesel engine with intercooling, high pressure common rail, electronically controlled direct injection
- Refuelling pump
- Oil bath air pre-filter

HYDRAULIC SYSTEM

- Dual-way auxiliary circuit via electronic proportional joystick control
- On-screen auxiliary line switching, one-way or two-way
- Auxiliary rotation line with on-screen flow adjustment
- Attachment oil drain line
- High-pressure quick coupler line (pressure adjustable)
- Quick coupler on warning

BOOM & ARM

- 2,900 mm arm
- 7,060 mm boom
- Boom & arm load holding valves
- Boom float function

OPERATOR STATION

- Standard cab
- Heating and cooling air conditioning
- Left-hand side rear-view mirror
- Fire extinguisher
- Sun visor
- 12V power outlet and USB Type-C
- DAB radio
- Reversible armrest box with orange handrail
- Parallel windshield wiper
- Heated air suspension seat with 3 inch red retractable seatbelt

GUARDS

- 8 mm under covers
- Bucket / Boom / Arm cylinder guard
- OPG

ELECTRICAL

- 4 LED lights on the boom
- 2 LED lights on the counterweight
- LED light bars on the front and rear of the cab
- Rotating beacon *Orange LED Rotating Beacon*
- Travel and swing alarm
- Overload warning
- 360-degree cameras with lighting on both sides
- T-BOX

UNDERCARRIAGE

- Retractable undercarriage
- 650mm steel track shoes
- Full length track guard

INSTRUMENTATION

- 10.1 inch touch screen

OTHERS

- Standard counterweight, 13,500kg

OPTIONAL EQUIPMENT

OPERATOR STATION

- Heated and ventilated air suspension seat with 3 inch red retractable seatbelt

SERVICE & MAINTENANCE

- Centralized lubrication system
- Compressed air cleaning kit
- Long life hydraulic oil

GUARDS

- Upper frame guard

BUCKETS

- General Purpose Bucket (5.0 m^3)

LiuGong

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