



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.

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 rails
- 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...

SPECIFICATIONS 913F_{CR}



Operating weight	14,900-16,400 kg (32,849-36,156 lbs)
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Operating weight includes coolant, lubricants, full fuel tank, cab, standard shoes, boom, arm, bucket and operator 75 kg.

Bucket capacity	0.5 m ³ (0.65 yd ³)
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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)



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.

SPECIFICATIONS 913F_{CR}



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						
Bucket type	Capacity	Cutting width	Weight	Teeth	4.6 m boom	
					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/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.



- 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.
- 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.
- Ratings at bucket lift hook.
- Lifting capacities are based on machine standing on level, firm and uniform ground.
- *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
- 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							Conditions					
A: load radius B: load point height C: Lifting capacity rating Cf: Rated loads over front Cs: Rated loads over side							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							Conditions					
A: load radius B: load point height C: Lifting capacity rating Cf: Rated loads over front Cs: Rated loads over side							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	

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.



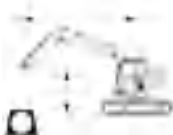
Rating over-front (Cf)



Rating over-side (Cs)

- 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.
- 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.
- Ratings at bucket lift hook.

- Lifting capacities are based on machine standing on level, firm and uniform ground.
- *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
- 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

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

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

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)

- 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.
- 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.
- Ratings at bucket lift hook.

- Lifting capacities are based on machine standing on level, firm and uniform ground.
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LIFTING CAPACITY (METRIC)

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

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

Conditions

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

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

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 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.

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Rating over-front (Cf)



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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
6	kg					*3,200	*3,200			*1,700	*1,700
4.5	kg					*3,450	*3,450	*3,350	2,400	*1,650	*1,650
3	kg			*5,400	*5,400	*4,150	3,600	*3,600	2,300	*1,600	*1,600
1.5	kg			*7,850	5,900	*5,100	3,300	3,600	2,200	*2,000	1,600
ground	kg			*7,800	5,400	5,300	3,100	3,500	2,100	*1,950	1,600
-1.5	kg	*4,700	*4,700	*8,850	5,300	5,200	3,000	3,400	2,050	*2,450	1,750
-3	kg	*7,900	*7,900	*7,650	5,350	5,200	3,000			*3,300	2,100
-4.5	kg			*5,050	*5,050					*3,100	*3100

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
6	kg					*3,200	*3,200			*1,700	*1,700
4.5	kg					*3,450	*3,450	*3,350	2,300	*1,650	*1,650
3	kg			*5,400	*5,400	*4,150	3,450	3,600	2,250	*1,600	*1,600
1.5	kg			*7,850	5,650	*5,100	3,150	3,450	2,100	*2,000	1,550
ground	kg			*7,800	5,200	5,100	2,950	3,350	2,000	*1,950	1,550
-1.5	kg	*4,700	*4,700	*8,850	5,050	4,950	2,850	3,300	1,950	*2,450	1,650
-3	kg	*7,900	*7,900	*7,650	5,100	5,000	2,850			*3,300	2,000
-4.5	kg			*5,050	*5,050					*3,100	*3,100

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
6	kg					*3,600	3,600			*2,050	*2,050
4.5	kg					*3,800	3,550	*3,350	2,200	*2,350	2,050
3	kg			*6,150	*6,150	*4,500	3,300	*3,800	2,150	*1,950	1,700
1.5	kg			*8,400	5,350	*5,350	3,050	*4,150	2,050	*2,550	1,650
ground	kg			*7,200	5,050	*5,850	2,850	*4,350	1,950	*2,450	1,600
-1.5	kg	*5,150	*5,150	*8,600	5,000	*5,800	2,800	*4,200	1,950	*2,800	1,800
-3	kg	*9,100	*9,100	*7,150	5,100	*4,900	2,850			*3,750	2,250

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

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

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		Distance
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
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		Distance
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
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

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

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		Distance
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
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		Distance
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
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

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)

- 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.
- 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.
- Ratings at bucket lift hook.

- Lifting capacities are based on machine standing on level, firm and uniform ground.
- *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
- 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 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)

- 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.
- 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.
- Ratings at bucket lift hook.

- Lifting capacities are based on machine standing on level, firm and uniform ground.
- *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
- 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		Distance
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
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	*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

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		Distance
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
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	*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

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 600 mm Shoes, 4,600 mm Boom, 2,900 mm Arm

Conditions

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

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

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

Conditions

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

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

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.



- 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.
- 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.
- Ratings at bucket lift hook.
- Lifting capacities are based on machine standing on level, firm and uniform ground.
- *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
- 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				Conditions							
A: load radius B: load point height C: Lifting capacity rating Cf: Rated loads over front Cs: Rated loads over side				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
6	kg					*3,200	*3,200			*1,700	*1,700
4.5	kg					*3,450	*3,450	*3,350	2,250	*1,650	*1,650
3	kg			*5,400	*5,400	*4,150	3,350	*3,600	2,150	*1,600	1,550
1.5	kg			*7,850	5,500	*5,100	3,100	*4,000	2,050	*2,000	1,500
ground	kg			*7,800	5,050	*5,750	2,850	*4,300	1,950	*1,950	1,500
-1.5	kg	*4,700	*4,700	*8,850	4,900	*5,850	2,750	*4,250	1,900	*2,450	1,600
-3	kg	*7,900	*7,900	*7,650	5,000	*5,250	2,750			*3,300	1,950
-4.5	kg			*5,050	*5,050					*3,100	3,050

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

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

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DIMENSIONS			
MONO 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

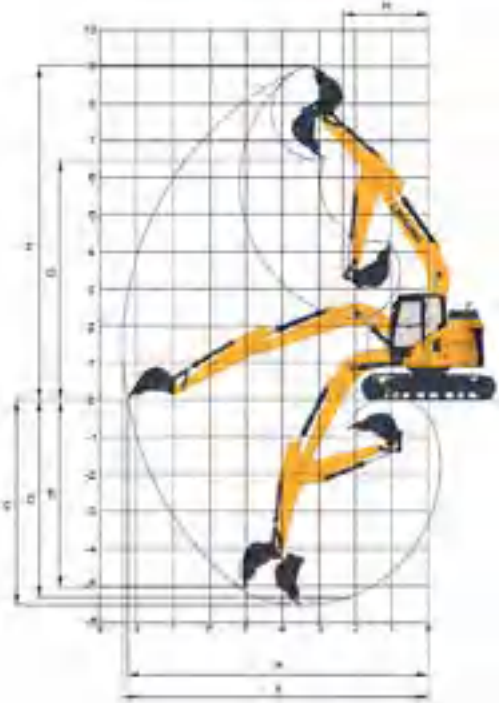
MACHINE WEIGHTS & GROUND PRESSURE				
Shoe width	MONO BOOM		TWO-PIECE BOOM	
	Operating weight	Ground pressure	Operating weight	Ground pressure
500 mm	15,400 kg	45.8 kPa	15,900 kg	47.3 kPa
600 mm	15,600 kg	38.7 kPa	16,100 kg	39.9 kPa
700 mm	15,800 kg	33.6 kPa	16,300 kg	34.6 kPa
500 mm rubber crawler pads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

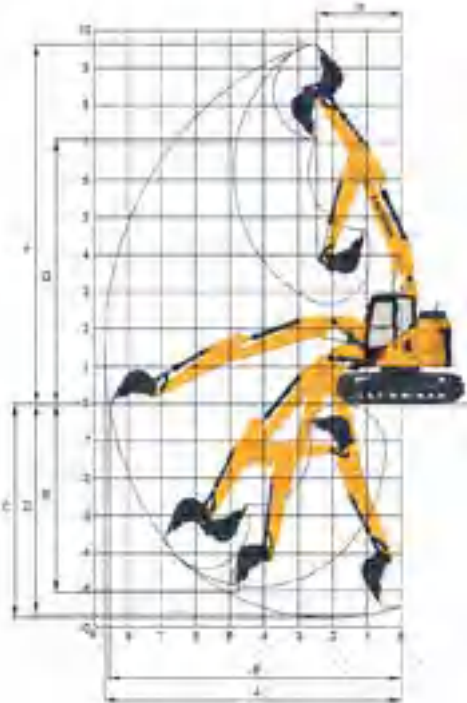


BOOM DIMENSIONS		
Boom	Monoboom	2 Piece Boom
A Length	4,800 mm	5,050 mm
B Height	1,500 mm	1,600 mm
C Width	750 mm	750 mm
Weight	1,170 kg	1,460 kg

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



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



Cylinder, linkage and pin included.


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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.



- 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.
- 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.
- Ratings at bucket lift hook.
- Lifting capacities are based on machine standing on level, firm and uniform ground.
- *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
- 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						Conditions						
A: Load radius B: Load point height C: Lifting capacity rating Cf: Rating loads over front Cs: Rating loads over side or 360°						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						Conditions						
A: Load radius B: Load point height C: Lifting capacity rating Cf: Rating loads over front Cs: Rating loads over side or 360°						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	

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.



- 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.
- 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.
- Ratings at bucket lift hook.
- Lifting capacities are based on machine standing on level, firm and uniform ground.
- *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
- 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						Conditions						
A: Load radius B: Load point height C: Lifting capacity rating Cf: Rating loads over front Cs: Rating loads over side or 360°						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		A (m)	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs		
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						Conditions						
A: Load radius						Boom length: 4,800 mm						
B: Load point height						Arm length: 2,500 mm						
C: Lifting capacity rating						Shoes: 500 mm rubber track shoes						
Cf: Rating loads over front						Bucket: None						
Cs: Rating loads over side or 360°						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	

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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.



- 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.
- 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.
- Ratings at bucket lift hook.
- Lifting capacities are based on machine standing on level, firm and uniform ground.
- *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
- 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						Conditions					
A: Load radius B: Load point height C: Lifting capacity rating Cf: Rating loads over front Cs: Rating loads over side or 360°						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	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						Conditions					
A: Load radius B: Load point height C: Lifting capacity rating Cf: Rating loads over front Cs: Rating loads over side or 360°						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	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

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.



- 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.
- 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.
- Ratings at bucket lift hook.
- Lifting capacities are based on machine standing on level, firm and uniform ground.
- *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
- 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						Conditions					
A: Load radius B: Load point height C: Lifting capacity rating Cf: Rating loads over front Cs: Rating loads over side or 360°						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	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						Conditions					
A: Load radius B: Load point height C: Lifting capacity rating Cf: Rating loads over front Cs: Rating loads over side or 360°						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	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

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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)

- 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.
- 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.
- Ratings at bucket lift hook.
- Lifting capacities are based on machine standing on level, firm and uniform ground.
- *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
- 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

Conditions

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

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		A (m)
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
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)

- 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.
- 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.
- Ratings at bucket lift hook.
- Lifting capacities are based on machine standing on level, firm and uniform ground.
- *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
- 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

Conditions

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

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		A (m)
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
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

SPECIFICATIONS 915FCR



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 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

Conditions

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

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		A (m)
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
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

LIFTING CAPACITY (METRIC)

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

Conditions

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

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		A (m)
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
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	

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.



- 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.
- 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.
- Ratings at bucket lift hook.
- Lifting capacities are based on machine standing on level, firm and uniform ground.
- *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
- 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

Conditions

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

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



B/A (m)		Blade Down										
		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

B/A (m)		Blade Up										
		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

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.



- 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.
- 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.
- Ratings at bucket lift hook.
- Lifting capacities are based on machine standing on level, firm and uniform ground.
- *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
- 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

Conditions

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

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



B/A (m)		Blade Down										
		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

B/A (m)		Blade Up										
		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

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.



- 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.
- 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.
- Ratings at bucket lift hook.
- Lifting capacities are based on machine standing on level, firm and uniform ground.
- *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
- 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

Conditions

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

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	

B/A (m)		Blade Up										
		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

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.



- 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.
- 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.
- Ratings at bucket lift hook.
- Lifting capacities are based on machine standing on level, firm and uniform ground.
- *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
- 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

Conditions

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

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



B/A (m)		Blade Down										
		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

B/A (m)		Blade Up										
		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

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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)

- 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.
- 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.
- Ratings at bucket lift hook.
- Lifting capacities are based on machine standing on level, firm and uniform ground.
- *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
- 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										Conditions	
A: Load radius B: Load point height C: Lifting capacity rating Cf: Rating loads over front Cs: Rating loads over side or 360°										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		A (m)
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
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										Conditions	
A: Load radius B: Load point height C: Lifting capacity rating Cf: Rating loads over front Cs: Rating loads over side or 360°										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		A (m)
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
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

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)

- 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.
- 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.
- Ratings at bucket lift hook.
- Lifting capacities are based on machine standing on level, firm and uniform ground.
- *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
- 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										Conditions	
A: Load radius B: Load point height C: Lifting capacity rating Cf: Rating loads over front Cs: Rating loads over side or 360°										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		A (m)
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
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										Conditions	
A: Load radius B: Load point height C: Lifting capacity rating Cf: Rating loads over front Cs: Rating loads over side or 360°										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		A (m)
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
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

SPECIFICATIONS 915FCR



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)

- 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.
- 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.
- Ratings at bucket lift hook.

- Lifting capacities are based on machine standing on level, firm and uniform ground.
- *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
- 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 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)

- 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.
- 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.
- Ratings at bucket lift hook.

- Lifting capacities are based on machine standing on level, firm and uniform ground.
- *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
- 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.

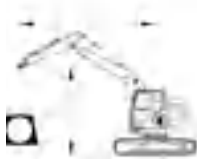
LIFTING CAPACITY (METRIC)

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

Conditions

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

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		A (m)
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
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		A (m)
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
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

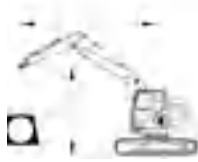
LIFTING CAPACITY (METRIC)

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

Conditions

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

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		A (m)
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
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		A (m)
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
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

SPECIFICATIONS 915FCR



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

Conditions

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

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		A (m)
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
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		A (m)
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
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

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

Conditions

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

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		A (m)
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
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		A (m)
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
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

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		<input type="checkbox"/>

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		<input type="checkbox"/>
Hand proportional control auxiliary dual way pipes		<input type="checkbox"/>
Hand proportional control auxiliary swing pipes		<input type="checkbox"/>
PTO max flow with manual control		<input type="checkbox"/>
Auxiliary single-double hydraulic lines exchange on the monitor		<input type="checkbox"/>
Auxiliary dual pipe flow & pressure adjustable		<input type="checkbox"/>
Attachment oil drain line		<input type="checkbox"/>

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		<input type="checkbox"/>
Travel alarm		<input type="checkbox"/>
Rotating beacon		<input type="checkbox"/>
Rotating warning light		<input type="checkbox"/>
Reserved installation seat and wiring harness for double warning lights in the cab		<input type="checkbox"/>
Right boom working light		<input type="checkbox"/>
360° view		<input type="checkbox"/>
Cab LED ceiling lights (4 in front and 2 in rear)		<input type="checkbox"/>
Reserved installation seat and wiring harness for the long strip cab LED ceiling lights		<input type="checkbox"/>
12 V power supply		<input type="checkbox"/>

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

	<input type="checkbox"/>
<input type="checkbox"/>	
<input type="checkbox"/>	
	<input type="checkbox"/>
<input type="checkbox"/>	
<input type="checkbox"/>	

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

<input type="checkbox"/>
<input type="checkbox"/>

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

	<input type="checkbox"/>
<input type="checkbox"/>	
	<input type="checkbox"/>
<input type="checkbox"/>	

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

<input type="checkbox"/>

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

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
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<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

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

<input type="checkbox"/>
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<input type="checkbox"/>
<input type="checkbox"/>

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

☐


Engine

Cummins QSB 4.5, EU Stage IV

Net Power

114 hp (84 kW)

Operating Weight

15,150 – 16,300 kg (33,400 – 35,935 lbs)

Bucket Capacity

0.36 – 0.77 m³ (0.47 – 1.01 yd³)

915E

EXCAVATOR



TOUGH WORLD. TOUGH EQUIPMENT.



FIT FOR PURPOSE

Firstly, you need to know that your machine is up to the job; breaking, digging, lifting, working hard – anytime – anywhere. Excavators have got to be tough and they've got to perform.

OUR NEW 915E HIGH PERFORMANCE FROM THE GROUND UP

1 TOUGHER UNDERCARRIAGE

With X-shaped frame built from high strength tensile steel, the 915E's undercarriage is designed to withstand the toughest conditions. Continuous digging, lifting and loading can put excessive stress on machines. The 915E has a long track beam and crawler system that guarantees greater stability. The structure also helps protect key components such as the travel motor from undue stress.

2 TOUGHER UPPER STRUCTURE

The upper structure of the 915E is built around a reinforced and well-engineered H-beam, allowing the boom to be mounted exactly in the center of the machine. This central positioning helps the boom cope with more stress on the attachment group. It also means better distribution of weight and tension along the entire machine.

3 SAFER CAB

Our cabs are designed to protect your most important asset. Your operator. ROPS (Roll Over Protection System) and FOPS (Falling Object Protection System) safeguard your most important asset: your operator in the toughest environment. Visibility is key to protecting your operator and workers on site. The large glass surface area, increased by 15% on the E-series cab compared with our previous model, combined with the rear-view camera, provides an extraordinary view of the 915E's surroundings.

4 TOUGHER BOOM AND ARM

The 915E features a tougher, reinforced heavy duty boom and arm built from high-strength tensile steel, with castings and forgings in high stress areas for heavy-duty performance and maximum uptime. We also use over-sized pins to allow the 915E, not just to work harder, but to work harder for longer. Our confidence in our machines is underlined by one of the most comprehensive warranties in the industry.

5 INCREASED VERSATILITY WITH BLADE

The optional dozer blade speeds up site cleanup, helps to trap objects against the blade for easier bucket loading. It also means, you can make maximum use of breakout force and lifting performance thanks to increased stability.



6 MULTIFUNCTIONAL

Switching attachments like buckets, breakers and shears can be time consuming. We've made it fast, safe and simple with LiuGong's quick coupler and tilt coupler. These are perfectly matched to a range of genuine LiuGong attachments which can be changed from the seat of the cab in less than a minute, quick, safe and easy.

7 DO THE JOB RIGHT

Six selectable work modes equip even the newest operator with the skills of an expert, allowing them to perfectly match machine performance with the job, whatever that job may be.



Power



Economy



Fine



Lifting



Breaker



Attachment

8 FASTER CYCLE TIMES

Greater hydraulic flow and higher swing speeds combine to improve cycle times by 12% on tasks such as truck loading, digging, trenching and backfilling compared with our previous model.



JOBSITE FACT: ANYTIME



Over 10,000 hours registered and still working hard.

Tapegyseg Co. Hungary

"We use our LiuGong excavator for breaking down large stone and concrete sections. In two years we have not had a problem and our machines are working 10-11 hours a day, six days a week."

JOBSITE FACT: ANYWHERE!



-49°C

Temperatures drop but the work rate stays high.

LiuGong Excavators played a key part in supporting China's Polar Exploration team. Extreme temperatures, high altitudes, strong winds and intense ultraviolet light made the Antarctic an extremely tough test environment.

TOUGH JUDGES

Operators are tough judges. They know what they like and what they don't. We've talked, we've listened and we've delivered a no-nonsense excavator that will do everything the operator wants and needs it to do. Job done? Judge for yourself.

TOUGH EQUIPMENT
50,000 Excavators currently in the field.
 Over **1/2 BILLION** productive hours worked.

SPECIFICATIONS

Operating weight

- without blade	15,150 kg (33,400 lbs)
- with blade	16,300 kg (35,935 lbs)

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

Bucket capacity	0.36 – 0.77 m ³ (0.47 - 1.01 yd ³)
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ENGINE

Description

Cummins EU Stage IV, 4-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 IV
Engine manufacturer	Cummins
Engine model	QSB 4.5
Aspiration	Variable-Geometry Turbocharger (VGT)
Charged air cooling	Aftercooler
Cooling fan drive	Viscous clutch
Displacement	4.5 L (1.19 gal) 4,500 cm ³ (275 in ³)
Rated speed	2,200 rpm
Engine output - net (SAE J1349 / ISO 9249)	84.3 kW (114 hp)
Engine output - gross (SAE J1995 / ISO 14396)	90 kW (122 hp)
Maximum torque	470 N·m (347 lbf·ft) @1,500 rpm
Bore × Stroke	107 × 124 mm (4.2" × 4.9")

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: 6.0 km/h (3.7 mph) Low: 3.5 km/h (2.2 mph)
Gradeability	35°/70%
Max. drawbar pull	124 kN (27,876 lbf)

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	12.94 rpm
Swing torque	36,793 N·m (27,137 lbf·ft)

HYDRAULIC SYSTEM

Main pump

Type	Two variable displacement piston pumps
Maximum flow	2 × 120 L/min (2 × 31.7 gal/min)

Pilot pump

Type	Gear pump
Maximum flow	19 L/min (5 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	25.5 MPa (3,698 psi)
Pilot circuit	3.9 MPa (566 psi)

Hydraulic cylinders

Boom Cylinder – Bore × Stroke	Φ105 × 990 mm (Φ4.1" × 3' 3")
Stick Cylinder – Bore × Stroke	Φ115 × 1,175 mm (Φ4.5" × 3' 10")
Bucket Cylinder – Bore × Stroke	Φ95 × 885 mm (Φ3.7" × 2' 11")

UNDERCARRIAGE

Track shoe each side	46
Link pitch	190 mm (7.5")
Shoe width, triple grouser	600 / 700 mm (24"/28")
Bottom rollers each side	7
Top rollers each side	1

ELECTRIC SYSTEM

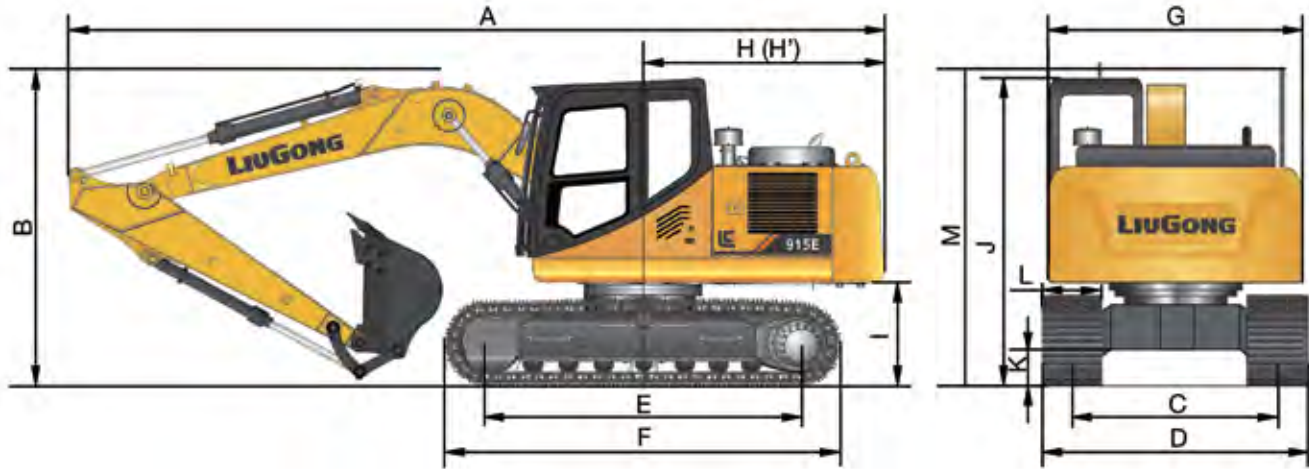
System Voltage	24 V
Batteries	2 × 12 V
Alternator	24 V - 70 A
Start motor	24 V - 4.8 kW (24 V - 6.4 hp)

SERVICE CAPACITIES

Fuel tank	245 L (64.7 gal)
Engine oil	11 L (2.9 gal)
Final drive (each)	2.5 L (0.7 gal)
Swing drive	3 L (0.8 gal)
Cooling system	21 L (5.5 gal)
Hydraulic reservoir	160 L (42.3 gal)
Hydraulic system total	240 L (63.4 gal)
DEF tank	16.9 L (4.5 gal)

SOUND PERFORMANCE

Interior Sound Power Level (ISO 6396)	70 dB(A)
Exterior Sound Power Level (ISO 6395)	100 dB(A)



DIMENSIONS

Boom	4,600 mm (15' 1")	
Arm Options	2,500 mm (8' 2")	2,900 mm (9' 6")
A Shipping Length	7,750 mm (25' 5")	
B Shipping Height – Top of Boom	3,055 mm (10')	
C Track Gauge	1,990 mm (6' 6")	
D Undercarriage Width – with 600 mm Shoes	2,590 mm (8' 6")	
E Length to Center of Rollers	3,010 mm (9' 11")	
F Track Length	3,746 mm (12' 3")	
G Overall Width of Upper Structure	2,490 mm (8' 2")	
H Tail Swing Radius	2,305 mm (7' 7")	
I Counterweight Ground Clearance	960 mm (3' 2")	
J Overall Height of Cab	3,055 mm (10')	
K Min. Ground Clearance	430 mm (1' 5")	
L Track Shoe Width	600 mm (24")	

BOOM DIMENSIONS

Boom	4,600 mm (15' 1")
Length	4,760 mm (15' 7")
Height	1,667 mm (5' 6")
Width	565 mm (with boom hinge pin 675 mm) / 1' 10" (with boom hinge pin 2' 3")
Weight	842 kg (1,857 lbs)

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

ARM DIMENSIONS

Arm	2,500 mm (8' 2")	2,900 mm (9' 6")
Length	3,260 mm (10' 8")	3,659 mm (12')
Height	645 mm (2' 1")	704 mm (2' 4")
Width	370 mm (1' 3") (with hinge pin)	370 mm (1' 3") (with hinge pin)
Weight	555 kg (1,224 lbs)	605 kg (1,334 lbs)

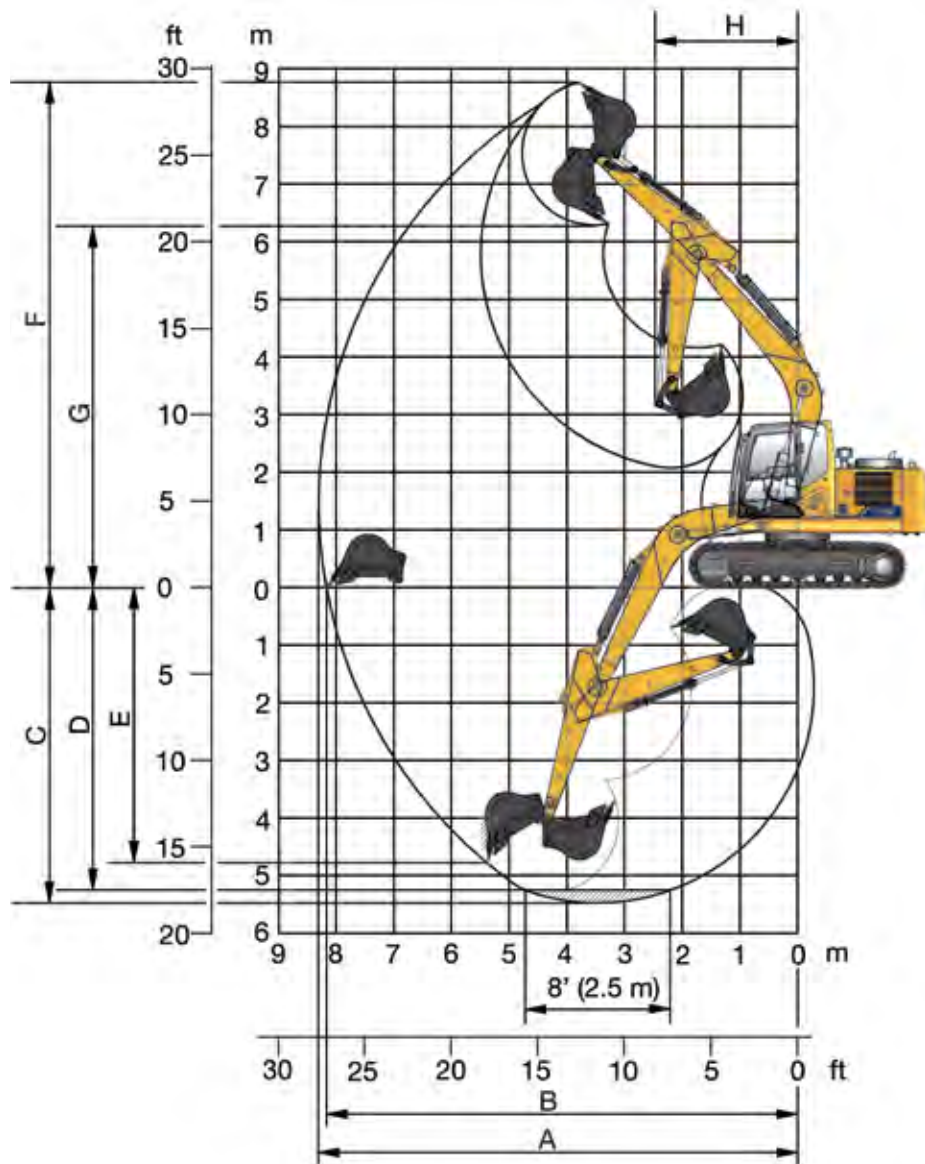
Cylinder, linkage and pin included.

BUCKET SELECTION GUIDE

Bucket type	Capacity	Cutting width	Weight	Teeth pcs	4.6 m (15' 1") HD Boom	
					2.5 m (8' 2") Arm	2.9 m (9' 6") Arm
General purpose	0.77 m ³ (1.01 yd ³)	1,200 mm (3' 11")	670 kg (1,477 lbs)	6	B	NA
General purpose	0.36 m ³ (0.47 yd ³)	748 mm (2' 5")	390 kg (860 lbs)	5	NA	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.

A 1,200 - 1,300 kg/m³ (2,023 - 2,191 lb/yd³): Coal, Caliche, Shale
 B 1,400 - 1,600 kg/m³ (2,360 - 2,697 lb/yd³): Wet earth and clay, limestone, sandstone
 C 1,700 - 1,800 kg/m³ (2,865 - 3,034 lb/yd³): Granite, wet sand, well blasted rock
 D 1,900 kg/m³ (3,203 lb/yd³): Wet mud, Iron ore
 NA. Not applicable



WORKING RANGE

Boom	4,600 mm (15' 1")	
Arm Options	2,500 mm (8' 2")	2,900 mm (9' 6")
A. Max. Digging Reach	8,300 mm (27' 3")	8,600 mm (28' 3")
B. Max. Digging Reach on Ground	8,170 mm (26' 10")	8,490 mm (27' 10")
C. Max. Digging Depth	5,470 mm (17' 11")	5,870 mm (19' 3")
D. Max. Digging Depth, 2.44 m (8') Level	5,250 mm (17' 3")	5,670 mm (18' 7")
E. Max. Vertical Wall Digging Depth	4,770 mm (15' 8")	5,280 mm (17' 4")
F. Max. Cutting Height	8,760 mm (28' 9")	8,830 mm (29')
G. Max. Dumping Height	6,310 mm (20' 8")	6,400 mm (21')
H. Min. Front Swing Radius	2,305 mm (7' 7")	2,305 mm (7' 7")
Bucket Digging Force (ISO)	Normal	89.8 kN (20,188 lbf)
	Power Boost	96.9 kN (21,784 lbf)
Stick Digging Force (ISO)	Normal	64.9 kN (14,590 lbf)
	Power Boost	70 kN (15,737 lbf)
Bucket Capacity	0.77 m³ (1.01 yd³)	0.36 m³ (0.47 yd³)
Bucket Tip Radius	1,254 mm (4' 1")	1,254 mm (4' 1")

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.

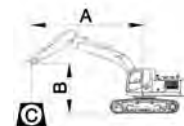
LIFTING CAPACITY (METRIC)

915E with 600 mm shoes, 2,500 mm arm (Standard)

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

Conditions

Boom length: 4,600 mm one-piece boom
Arm length: 2,500 mm
Bucket: None
Shoes: 600 mm triple grouser
Unit: kg



Blade: Down

A (Unit: m)

B (m)	1.5		3		4.5		6		MAX REACH		A (m)
6					*3,610	*3,610			*2,210	*2,210	5.4
4.5					*3,800	*3,800	*3,430	2,560	*1,940	*1,940	6.4
3			*6,150	*6,150	*4,530	3,800	*3,880	2,500	*2,070	2,020	6.9
1.5			*8,520	6,340	*5,420	3,560	*4,230	2,400	*2,630	1,940	7
0			*7,340	6,040	*5,980	3,400	*4,470	2,330	*2,450	1,940	6.9
- 1.5	*5,270	*5,270	*8,830	6,020	*5,960	3,340	*4,320	2,310	*2,770	2,140	6.4
- 3	*9,270	*9,270	*7,430	6,140	*5,120	3,390			*3,920	2,700	5.4

Blade: Up

A (Unit: m)

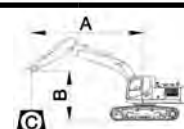
B (m)	1.5		3		4.5		6		MAX REACH		A (m)
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
6					*3,610	*3,610			*2,210	*2,210	5.4
4.5					*3,800	*3,800	*3,430	2,560	*1,940	*1,940	6.4
3			*6,150	*6,150	*4,530	3,800	3,810	2,500	*2,070	2,020	6.9
1.5			*8,520	6,340	*5,420	3,560	3,710	2,400	*2,630	1,940	7
0			*7,340	6,040	*5,980	3,400	3,630	2,330	*2,450	1,940	6.9
- 1.5	*5,270	*5,270	*8,830	6,020	5,500	3,340	3,600	2,310	*2,770	2,140	6.4
- 3	*9,270	*9,270	*7,430	6,140	*5,120	3,390			*3,920	2,700	5.4

915E with 700 mm shoes, 2,500 mm arm

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

Conditions

Boom length: 4,600 mm one-piece boom
Arm length: 2,500 mm
Bucket: None
Shoes: 700 mm triple grouser
Unit: kg



Blade: Down

A (Unit: m)

B (m)	1.5		3		4.5		6		MAX REACH		A (m)
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
6					*3,610	*3,610			*2,210	*2,210	5.4
4.5					*3,800	*3,800	*3,430	2,560	*1,940	*1,940	6.4
3			*6,150	*6,150	*4,530	3,800	*3,880	2,500	*2,070	2,020	6.9
1.5			*8,520	6,340	*5,420	3,560	*4,230	2,400	*2,630	1,940	7
0			*7,340	6,040	*5,980	3,400	*4,470	2,330	*2,450	1,940	6.9
-1.5	*5,270	*5,270	*8,830	6,020	*5,960	3,340	*4,320	2,310	*2,770	2,140	6.4
-3	*9,270	*9,270	*7,430	6,140	*5,120	3,390			*3,920	2,700	5.4

Blade: Up

A (Unit: m)

B (m)	1.5		3		4.5		6		MAX REACH		A (m)
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
6					*3,610	*3,610			*2,210	*2,210	5.4
4.5					*3,800	*3,800	*3,430	2,560	*1,940	*1,940	6.4
3			*6,150	*6,150	*4,530	3,800	3,810	2,500	*2,070	2,020	6.9
1.5			*8,520	6,340	*5,420	3,560	3,710	2,400	*2,630	1,940	7
0			*7,340	6,040	*5,980	3,400	3,630	2,330	*2,450	1,940	6.9
- 1.5	*5,270	*5,270	*8,830	6,020	5,500	3,340	3,600	2,310	*2,770	2,140	6.4
- 3	*9,270	*9,270	*7,430	6,140	*5,120	3,390			*3,920	2,700	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.

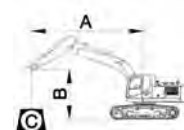
LIFTING CAPACITY (METRIC)

915E with 600 mm shoes, 2,900 mm arm (Standard)

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

Conditions

Boom length: 4,600 mm one-piece boom
Arm length: 2,900 mm
Bucket: None
Shoes: 600 mm triple grouser
Unit: kg



Blade: Down

A (Unit: m)

B (m)	1.5		3		4.5		6		MAX REACH		A (m)
6									*1,780	*1,780	5.9
4.5					*3,440	*3,440	*3,360	2,600	*1,710	*1,710	6.8
3			*5,430	*5,430	*4,190	3,870	*3,640	2,520	*1,660	*1,660	7.3
1.5			*7,940	6,520	*5,130	3,610	*4,040	2,410	*2,050	1,770	7.4
0			*7,880	6,070	*5,820	3,400	*4,350	2,310	*1,930	1,770	7.3
- 1.5	*4,770	*4,770	*9,000	5,960	*5,950	3,300	*4,350	2,260	*2,380	1,930	6.8
- 3	*7,980	*7,980	*7,870	6,020	*5,360	3,310			*3,140	2,340	5.9

Blade: Up

A (Unit: m)

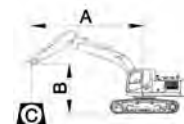
B (m)	1.5		3		4.5		6		MAX REACH		A (m)
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
6									*1,780	*1,780	5.9
4.5					*3,440	*3,440	*3,360	2,600	*1,710	*1,710	6.8
3			*5,430	*5,430	*4,190	3,870	*3,640	2,520	*1,660	*1,660	7.3
1.5			*7,940	6,520	*5,130	3,610	3,700	2,410	*2,050	1,770	7.4
0			*7,880	6,070	5,500	3,400	3,600	2,310	*1,930	1,770	7.3
- 1.5	*4,770	*4,770	*9,000	5,960	5,400	3,300	3,560	2,260	*2,380	1,930	6.8
- 3	*7,980	*7,980	*7,870	6,020	*5,360	3,310			*3,140	2,340	5.9

915E with 700 mm Shoes, 2,900 mm Arm

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

Conditions

Boom length: 4,600 mm one-piece boom
Arm length: 2,900 mm
Bucket: None
Shoes: 700 mm triple grouser
Unit: kg



Blade: Down

A (Unit: m)

B (m)	1.5		3		4.5		6		MAX REACH		A (m)
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
6									*1,780	*1,780	5.9
4.5					*3,440	*3,440	*3,360	2,600	*1,710	*1,710	6.8
3			*5,430	*5,430	*4,190	3,870	*3,640	2,520	*1,660	*1,660	7.3
1.5			*7,940	6,520	*5,130	3,610	*4,040	2,410	*2,050	1,770	7.4
0			*7,880	6,070	*5,820	3,400	*4,350	2,310	*1,930	1,770	7.3
-1.5	*4,770	*4,770	*9,000	5,960	*5,950	3,300	*4,350	2,260	*2,380	1,930	6.8
-3	*7,980	*7,980	*7,870	6,020	*5,360	3,310			*3,140	2,340	5.9

Blade: Up

A (Unit: m)

B (m)	1.5		3		4.5		6		MAX REACH		A (m)
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
6									*1,780	*1,780	5.9
4.5					*3,440	*3,440	*3,360	2,600	*1,710	*1,710	6.8
3			*5,430	*5,430	*4,190	3,870	*3,640	2,520	*1,660	*1,660	7.3
1.5			*7,940	6,520	*5,130	3,610	3,700	2,410	*2,050	1,770	7.4
0			*7,880	6,070	5,500	3,400	3,600	2,310	*1,930	1,770	7.3
- 1.5	*4,770	*4,770	*9,000	5,960	5,400	3,300	3,560	2,260	*2,380	1,930	6.8
- 3	*7,980	*7,980	*7,870	6,020	*5,360	3,310			*3,140	2,340	5.9

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 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.

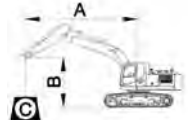
LIFTING CAPACITY (IMPERIAL)

915E with 24" shoes, 8' 2" arm (Standard)

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

Conditions

Boom length: 15' 1" one-piece boom
Arm length: 8' 2"
Bucket: None
Shoes: 24" triple grouser
Unit: lbs



Blade: Down

A (Unit ft)

B (ft)	5		10		15		20		MAX REACH		A (ft)
20					*7,950	*7,950			*4,870	*4,870	17.7
15					*8,370	*8,370	*7,560	5,640	*4,270	*4,270	21.0
10			*13,550	*13,550	*9,980	8,370	*8,550	5,510	*4,560	4,450	22.6
5			*18,780	13,970	*11,940	7,840	*9,320	5,290	*5,790	4,270	23.0
0			*16,180	13,310	*13,180	7,490	*9,850	5,130	*5,400	4,270	22.6
- 5	*11,610	*11,610	*19,460	13,270	*13,130	7,360	*9,520	5,090	*6,100	4,710	21.0
- 10	*20,430	*20,430	*16,380	13,530	*11,280	7,470			*8,640	5,950	17.7

Blade: Up

A (Unit ft)

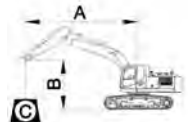
B (ft)	5		10		15		20		MAX REACH		A (ft)
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
20					*7,950	*7,950			*4,870	*4,870	17.7
15					*8,370	*8,370	*7,560	5,640	*4,270	*4,270	21.0
10			*13,550	*13,550	*9,980	8,370	8,390	5,510	*4,560	4,450	22.6
5			*18,780	13,970	*11,940	7,840	8,170	5,290	*5,790	4,270	23.0
0			*16,180	13,310	*13,180	7,490	8,000	5,130	*5,400	4,270	22.6
- 5	*11,610	*11,610	*19,460	13,270	*12,120	7,360	7,930	5,090	*6,100	4,710	21.0
- 10	*20,430	*20,430	*16,380	13,530	*11,280	7,470			*8,640	5,950	17.7

915E with 28" Shoes, 8'2" Arm (Standard)

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

Conditions

Boom length: 15'1" one-piece boom
Arm length: 8'2"
Bucket: None
Shoes: 28" triple grouser
Unit: lbs



Blade: Down

A (Unit ft)

B (ft)	5		10		15		20		MAX REACH		A (ft)
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
20					*7,950	*7,950			*4,870	*4,870	17.7
15					*8,370	*8,370	*7,560	5,640	*4,270	*4,270	21.0
10			*13,550	*13,550	*9,980	8,370	*8,550	5,510	*4,560	4,450	22.6
5			*18,780	13,970	*11,940	7,840	*9,320	5,290	*5,790	4,270	23.0
0			*16,180	13,310	*13,180	7,490	*9,850	5,130	*5,400	4,270	22.6
- 5	*11,610	*11,610	*19,460	13,270	*13,130	7,360	*9,520	5,090	*6,100	4,710	21.0
- 10	*20,430	*20,430	*16,380	13,530	*11,280	7,470			*8,640	5,950	17.7

Blade: Up

A (Unit ft)

B (ft)	5		10		15		20		MAX REACH		A (ft)
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
20					*7,950	*7,950			*4,870	*4,870	17.7
15					*8,370	*8,370	*7,560	5,640	*4,270	*4,270	21.0
10			*13,550	*13,550	*9,980	8,370	8,390	5,510	*4,560	4,450	22.6
5			*18,780	13,970	*11,940	7,840	8,170	5,290	*5,790	4,270	23.0
0			*16,180	13,310	*13,180	7,490	8,000	5,130	*5,400	4,270	22.6
- 5	*11,610	*11,610	*19,460	13,270	*12,120	7,360	7,930	5,090	*6,100	4,710	21.0
- 10	*20,430	*20,430	*16,380	13,530	*11,280	7,470			*8,640	5,950	17.7

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.

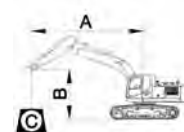
LIFTING CAPACITY (IMPERIAL)

915E with 24" Shoes, 9'6" Arm

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

Conditions

Boom length: 15'1" one-piece boom
Arm length: 9'6"
Bucket: None
Shoes: 24" triple grouser
Unit: lbs



Blade: Down

A (Unit ft)

B (ft)	5		10		15		20		MAX REACH		A (ft)
20									*3,920	*3,920	19.4
15					*7,580	*7,580	*7,400	5,730	*3,760	*3,760	22.3
10			*11,970	*11,970	*9,230	8,530	*8,020	5,550	*3,650	3,650	24.0
5			*17,500	14,370	*11,300	7,950	*8,900	5,310	*4,510	3,900	24.3
0			*17,370	13,380	*12,830	7,490	*9,590	5,090	*4,250	3,900	24.0
- 5	*10,510	*10,510	*19,840	13,130	*13,110	7,270	*9,590	4,980	*5,240	4,250	22.3
- 10	*17,590	*17,590	*17,350	13,270	*11,810	7,290			*6,920	5,150	19.4

Blade: Up

A (Unit ft)

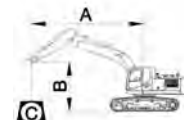
B (ft)	5		10		15		20		MAX REACH		A (ft)
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
20									*3,920	*3,920	19.4
15					*7,580	*7,580	*7,400	5,730	*3,760	*3,760	22.3
10			*11,970	*11,970	*9,230	8,530	*8,020	5,550	*3,650	3,650	24.0
5			*17,500	14,370	*11,300	7,950	8,150	5,310	*4,510	3,900	24.3
0			*17,370	13,380	12,120	7,490	7,930	5,090	*4,250	3,900	24.0
- 5	*10,510	*10,510	*19,840	13,130	11,900	7,270	7,840	4,980	*5,240	4,250	22.3
- 10	*17,590	*17,590	*17,350	13,270	*11,810	7,290			*6,920	5,150	19.4

915E with 28" Shoes, 9'6" Arm

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

Conditions

Boom length: 15'1" one-piece boom
Arm length: 9'6"
Bucket: None
Shoes: 28" triple grouser
Unit: lbs



Blade: Down

A (Unit ft)

B (ft)	5		10		15		20		MAX REACH		A (ft)
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
20									*3,920	*3,920	19.4
15					*7,580	*7,580	*7,400	5,730	*3,760	*3,760	22.3
10			*11,970	*11,970	*9,230	8,530	*8,020	5,550	*3,650	3,650	24.0
5			*17,500	14,370	*11,300	7,950	*8,900	5,310	*4,510	3,900	24.3
0			*17,370	13,380	*12,830	7,490	*9,590	5,090	*4,250	3,900	24.0
- 5	*10,510	*10,510	*19,840	13,130	*13,110	7,270	*9,590	4,980	*5,240	4,250	22.3
- 10	*17,590	*17,590	*17,350	13,270	*11,810	7,290			*6,920	5,150	19.4

Blade: Up

A (Unit ft)

B (ft)	5		10		15		20		MAX REACH		A (ft)
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
20									*3,920	*3,920	19.4
15					*7,580	*7,580	*7,400	5,730	*3,760	*3,760	22.3
10			*11,970	*11,970	*9,230	8,530	*8,020	5,550	*3,650	3,650	24.0
5			*17,500	14,370	*11,300	7,950	8,150	5,310	*4,510	3,900	24.3
0			*17,370	13,380	12,120	7,490	7,930	5,090	*4,250	3,900	24.0
- 5	*10,510	*10,510	*19,840	13,130	11,900	7,270	7,840	4,980	*5,240	4,250	22.3
- 10	*17,590	*17,590	*17,350	13,270	*11,810	7,290			*6,920	5,150	19.4

STANDARD EQUIPMENT

ENGINE SYSTEM

- Cummins diesel engine, turbocharged, inline 4-cylinder. 4 stroke, water cooled
- Auto-idle speed control
- Air filter with pre-cleaner
- Engine oil filter
- Pre-filter with water separator
- Radiator, oil cooler and intercooler
- IPC (Intelligent Power Control) System
- Engine overheating prevention system

DRIVETRAIN

- Hydraulic motor, one-piece two-gear piston and reducer
- 2-speed travel system with automatic shift

SWING SYSTEM

- High-torque piston swing motor with integral spring set and automatic hydraulic release swing brake

HYDRAULIC SYSTEM

- Main pump: two variable displacement piston pumps, ready for PTO
- Pilot pump: gear
- Cylinders: boom, stick, bucket
- Power boost function
- Boom and arm regeneration circuits
- Pilot oil filter
- Load holding valve
- Pilot control shut-off lever
- Hose burst safety valves, prevention of boom or arm supply dropped when the lines split (2 mounted on boom cylinders, 1 on arm cylinder)
- 6-working mode selection system: Power, Economy, Fine, Lifting, Breaker, Attachment

DIGGING EQUIPMENT

- 4,600 mm (15' 1") boom
- 2,500 mm (8' 2") arm

OPERATOR STATION

- Pressurized and sealed cab with all-around visibility, large roof window with slide sliding sun visor, front window wiper and removable lower window
- Roll-Over Protective System (ROPS)
- Mechanical suspension seat
- Skylight rooftop
- Air conditioner, heater, defroster
- Swing parking brake
- AM/FM radio with MP3 audio jack
- Glass-breaking hammer
- Ashtray, cigarette lighter
- Cup holder
- Floor mat
- Storage box
- Front glass lower guard
- Fire extinguisher
- Rear view mirrors
- One key for all locks
- Rear view camera 5,7" monitor

INSTRUMENTATION

- Color LCD monitor with alarms, filter/fluid change, fuel rate, water temperature, work mode, fault code, working hour, etc.
- Fuel gauge
- Hydraulic oil level gauge

ELECTRICAL

- Alternator 70 A
- Dual batteries 12 V
- Working lights, 1 frame mounted, 2 boom mounted
- Starting, 24 V
- Travel alarm
- Rotating beacon light

UNDERCARRIAGE

- 600 mm (24") track-shoes with triple grousers
- 1 piece track - guard (each side)
- Towing eye on base frame

GUARDS

- Belly guard and 2 mm platform bottom plate

OTHER STANDARD EQUIPMENT

- 2,300 kg (5,071 lbs) counterweight
- Maintenance tool kit
- Maintenance parts package

OTHER STANDARD EQUIPMENT

- Less bucket includes bucket pins

OPTIONAL EQUIPMENT

ENGINE SYSTEM

- Electrical fuel refilling pump

HYDRAULIC SYSTEM

- Control pattern change valve
- Hydraulic lines: Breaker & shear Slope & rotator Grapple Oil drain line Quick coupler
- Hydraulic quick coupler
- Overloading valve
- Cushion valve

OPERATOR STATION

- Power outlet 24 V to 12 V converter
- 4 LED cab top lights
- Working lights on cab (2 on top-front cab)
- Air suspension seat
- Control joysticks with 2 switch & 1 proportional
- Safety net for front window
- Rain visor
- Operation protection guard (included cab front and top guard, bar)
- Operation protection screen (on cab front, net)
- Operation protection screen (front-lower)

UPPER STRUCTURE

- Upper frame protection (wire)
- Belly guard and 8 mm thickness platform bottom plate
- Bucket cylinder guard

UNDERCARRIAGE

- 700 mm (28") track-shoes with triple grousers

DIGGING EQUIPMENT

- Arm: 2,900 mm (9' 6")
- 0.36 m³ (0.47 yd³) bucket (SAE, heaped)

OTHER EQUIPMENT

- Dozer blade



915FCR EXCAVATOR

ALL NEW
F-SERIES

Engine
Rated Power
915FCR Weight
Bucket Capacity

Cummins F3.8
90 kW
15,400 - 17,300kg
0.55 m³



TOUGH WORLD. TOUGH EQUIPMENT.

HERE'S THE BIG PICTURE...

ALL NEW
F-SERIES

915FCR EXCAVATOR



POWER & EFFICIENCY

- Cummins engine with strong power output
- 3 new power modes - Power, Standard and Eco
- Perfect match of Cummins engine and Kawasaki pump
- Automatic engine speed reduction and idling shutdown



TOUGHNESS & DURABILITY

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



INTELLIGENCE & CONTROL

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



SAFETY & VISIBILITY

- Anti-slip tread plates & Upper platform guard rails
- ROPS certified cab & OPG (Operator Protective Guards)
- All round view by 360 ° camera
- Ground level inspection

UPTIME & MAINTENANCE

- 1000h air filter cycle
- Maintenance friendly design and layout gives easier access
- Plastic moulded fuel tank that has a larger fuel capacity and can prevent dust damage

COMFORT & ERGONOMICS

- F-Series Ergonomic cab design
- Advanced Pneumatic suspension heated seat
- Intuitive operator interfaces & control
- Quiet (72dBA) and clean room with Micro pressurised environment

NOW FOR THE DETAIL...

SPECIFICATIONS 915F_{CR}



Operating weight	15,400-17,300 kg (33,951-38,140 lbs)
Operating weight includes coolant, lubricants, full fuel tank, cab, standard shoes, monoboomb, 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	44 (1.7")
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)



DIMENSIONS	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	
B Shipping Height – Top of Boom	2,980 mm		3,255 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	
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	2,885 mm		2,885 mm	
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	3,045 mm		3,045 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

SPECIFICATIONS 915F_{CR}

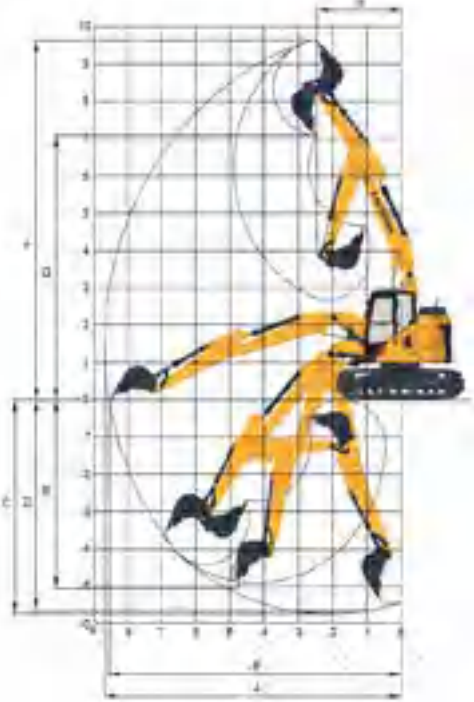
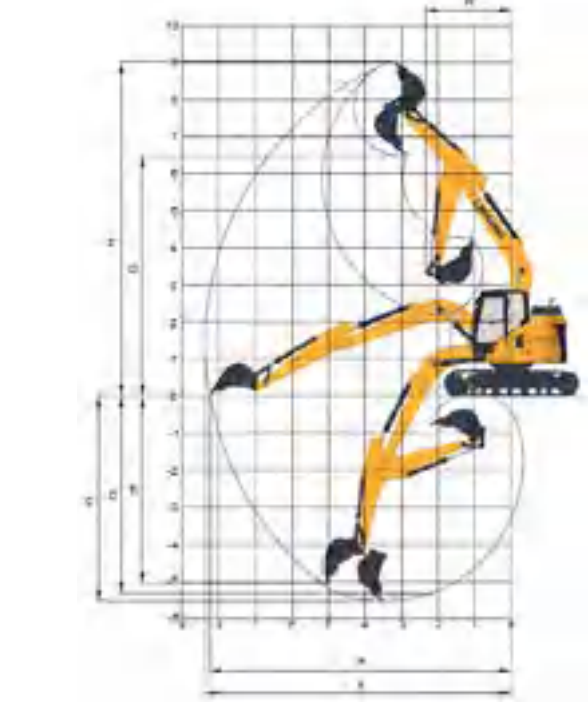


BOOM DIMENSIONS		
Boom	Monoboom	2 Piece Boom
A Length	4,800 mm	5,050 mm
B Height	1,500 mm	1,600 mm
C Width	750 mm	750 mm
Weight	1,170 kg	1,460 kg

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	
A. Max. Digging Reach		8,365 mm		8,670 mm	
B. Max. Digging Reach on Ground		8,240 mm		8,535 mm	
C. Max. Digging Depth		5,540 mm		5,745 mm	
D. Max. Digging Depth, 2.5m (8') level		5,325 mm		5,630 mm	
E. Max. Vertical Wall Digging Depth		5,055 mm		5,060 mm	
F. Max. Cutting Height		9,015 mm		9,315 mm	
G. Max. Dumping Height		6,485 mm		6,785 mm	
H. Min. Front Swing Radius		2,325 mm		2,435 mm	
Bucket Digging Force (ISO)	Normal	89.8 kN		89.8 kN	
	Power Boost	96.9 kN		96.9 kN	
Arm Digging Force (ISO)	Normal	64.9 kN		58 kN	
	Power Boost	70 kN		63.5 kN	
Bucket Capacity (Standard)		0.55 m ³		0.55 m ³	
Bucket Tip Radius		1,085 mm		1,085 mm	

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.



- 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.
- 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.
- Ratings at bucket lift hook.
- Lifting capacities are based on machine standing on level, firm and uniform ground.
- *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
- 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										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
6	kg				*3,600	*3,600			*2,050	*2,050
4.5	kg				*3,800	*3,800	*3,350	2,500	*2,350	2,300
3	kg		*6,150	*6,150	*4,500	3,750	*3,800	2,450	*2,000	1,950
1.5	kg		*8,450	6,100	*5,350	3,500	3,900	2,350	*2,550	1,850
0	kg		*7,200	5,750	5,800	3,300	3,800	2,250	*2,400	1,850
-1.5	kg	*5,150	*5,150	*8,600	5,700	5,700	3,200	3,800	*2,800	2,050
-3	kg	*9,150	*9,150	*7,150	5,800	*4,900	*3,250		*3,750	2,600

LIFTING CAPACITY (METRIC)

915FCR with 600 mm Shoes, MONO Boom, 2,500 mm Arm										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
6	kg				*3,600	*3,600			*2,050	*2,050
4.5	kg				*3,800	*3,800	*3,350	2,550	*2,350	2,350
3	kg		*6,150	*6,150	*4,500	3,800	*3,800	2,500	*2,000	*2,000
1.5	kg		*8,450	6,200	*5,350	3,550	4,000	2,400	*2,550	1,900
0	kg		*7,200	5,850	*5,850	3,350	3,900	2,300	*2,400	1,900
-1.5	kg	*5,150	*5,150	*8,600	5,800	*5,800	3,250	3,850	*2,800	2,100
-3	kg	*9,150	*9,150	*7,150	*5,900	*4,900	*3,300		*3,750	*2,650

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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.



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 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.



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.

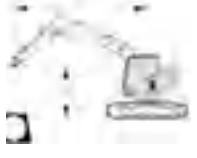
5. *Indicates the load is limited by hydraulic capacity rather than tipping capacity.

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						Conditions					
A: Load radius B: Load point height C: Lifting capacity rating Cf: Rating loads over front Cs: Rating loads over side or 360°						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	A (m)
6	kg					*3,600	*3,600			*2,050	5.4
4.5	kg					*3,800	*3,800	*3,350	2,600	*2,350	6.3
3	kg			*6,150	*6,150	*4,500	3,850	*3,800	2,550	*2,000	6.9
1.5	kg			*8,450	6,300	*5,350	3,600	4,050	2,450	*2,550	7.0
0	kg			*7,200	5,950	*5,850	3,400	3,950	2,350	*2,400	6.9
-1.5	kg	*5,150	*5,150	*8,600	5,900	*5,800	3,350	3,900	*2,300	*2,800	6.4
-3	kg	*9,150	*9,150	*7,150	*6,000	*4,900	*3,350			*3,750	5.4



LIFTING CAPACITY (METRIC)											
915FCR with 500 mm Shoes, MONO Boom, 2,500 mm Arm						Conditions					
A: Load radius B: Load point height C: Lifting capacity rating Cf: Rating loads over front Cs: Rating loads over side or 360°						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	A (m)
6	kg					*3,600	*3,600			*2,050	5.4
4.5	kg					*3,800	*3,800	*3,350	2,500	*2,350	6.3
3	kg			*6,150	*6,150	*4,500	3,700	*3,800	2,450	*2,000	6.9
1.5	kg			*8,450	6,050	*5,350	3,450	3,900	2,350	*2,550	7.0
0	kg			*7,200	5,750	5,800	3,250	3,800	2,250	*2,400	6.9
-1.5	kg	*5,150	*5,150	*8,600	5,700	5,700	3,200	3,750	*2,200	*2,800	6.4
-3	kg	*9,150	*9,150	*7,150	*5,800	*4,900	*3,250			*3,750	5.4



LIFTING CAPACITY (METRIC)											
915FCR with 500 mm Shoes, MONO Boom, 2,900 mm Arm						Conditions					
A: Load radius B: Load point height C: Lifting capacity rating Cf: Rating loads over front Cs: Rating loads over side or 360°						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	A (m)
6	kg					*3,200	*3,200			*1,700	5.9
4.5	kg					*3,450	*3,450	*3,350	2,550	*1,650	6.8
3	kg			*5,400	*5,400	*4,150	3,800	*3,600	2,450	*1,600	7.3
1.5	kg			*7,900	6,250	*5,100	3,500	3,950	2,350	*2,000	7.4
0	kg			*7,800	5,800	*5,750	3,300	3,800	2,250	*1,950	7.3
-1.5	kg	*4,700	*4,700	*8,850	5,650	5,700	3,200	3,750	*2,200	*2,400	6.8
-3		*7,900	*7,900	*7,650	5,750	*5,250	3,200			*3,250	5.9
-4.5	kg			*5,050	*5,050					*3,100	4.4



LIFTING CAPACITY (METRIC)											
915FCR with 600 mm Shoes, MONO Boom, 2,900 mm Arm						Conditions					
A: Load radius B: Load point height C: Lifting capacity rating Cf: Rating loads over front Cs: Rating loads over side or 360°						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	A (m)
6	kg					*3,200	*3,200			*1,700	5.9
4.5	kg					*3,450	*3,450	*3,350	2,600	*1,650	6.8
3	kg			*5,400	*5,400	*4,150	3,850	*3,600	2,500	*1,600	7.3
1.5	kg			*7,900	6,350	*5,100	3,600	4,000	2,400	*2,000	7.4
0	kg			*7,800	5,900	*5,750	3,350	3,900	2,300	*1,950	7.3
-1.5	kg	*4,700	*4,700	*8,850	5,800	5,800	3,250	3,800	*2,250	*2,400	6.8
-3		*7,900	*7,900	*7,650	5,850	*5,250	3,250			*3,250	5.9
-4.5	kg			*5,050	*5,050					*3,100	4.4



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)

- 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.
- 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.
- Ratings at bucket lift hook.
- Lifting capacities are based on machine standing on level, firm and uniform ground.
- *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
- 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 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)


- 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.
- 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.
- Ratings at bucket lift hook.
- Lifting capacities are based on machine standing on level, firm and uniform ground.
- *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
- 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						Conditions					
A: Load radius B: Load point height C: Lifting capacity rating Cf: Rating loads over front Cs: Rating loads over side or 360°						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
6	kg					*3,200	*3,200			*1,700	*1,700
4.5	kg					*3,450	*3,450	*3,350	2,650	*1,650	*1,650
3	kg			*5,400	*5,400	*4,150	3,900	*3,600	2,550	*1,600	*1,600
1.5	kg			*7,900	6,450	*5,100	3,650	*4,000	2,450	*2,000	1,800
0	kg			*7,800	6,000	*5,750	3,400	3,950	2,350	*1,950	1,800
-1.5	kg	*4,700	*4,700	*8,850	5,900	*5,850	3,300	3,900	*2,300	*2,400	1,950
-3		*7,900	*7,900	*7,650	5,950	*5,250	3,300			*3,250	2,350
-4.5	kg			*5,050	*5,050					*3,100	*3,100



LIFTING CAPACITY (METRIC)											
915FCR with 500 mm Shoes, MONO Boom, 2,900 mm Arm						Conditions					
A: Load radius B: Load point height C: Lifting capacity rating Cf: Rating loads over front Cs: Rating loads over side or 360°						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
6	kg					*3,200	*3,200			*1,700	*1,700
4.5	kg					*3,450	*3,450	*3,350	2,550	*1,650	*1,650
3	kg			*5,400	*5,400	*4,150	3,800	*3,600	2,450	*1,600	*1,600
1.5	kg			*7,900	6,250	*5,100	3,500	3,900	2,350	*2,000	1,700
0	kg			*7,800	5,750	*5,750	3,300	3,800	2,250	*1,950	1,700
-1.5	kg	*4,700	*4,700	*8,850	5,650	5,700	3,200	3,750	*2,200	*2,400	1,850
-3		*7,900	*7,900	*7,650	5,700	*5,250	3,200			*3,250	2,250
-4.5	kg			*5,050	*5,050					*3,100	*3,100



LIFTING CAPACITY (METRIC)												
915FCR with 500 mm Shoes, MONO Boom, 2,500 mm Arm						Conditions						
A: Load radius B: Load point height C: Lifting capacity rating Cf: Rating loads over front Cs: Rating loads over side or 360°						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



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)

- 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.
- 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.
- Ratings at bucket lift hook.
- Lifting capacities are based on machine standing on level, firm and uniform ground.
- *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
- 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

Conditions

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

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		A (m)
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
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	*2,800	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		A (m)
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
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	*2,800	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 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)

- 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.
- 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.
- Ratings at bucket lift hook.
- Lifting capacities are based on machine standing on level, firm and uniform ground.
- *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
- 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

Conditions

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

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		A (m)
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
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	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		A (m)
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
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	6.4
-3	kg	*9,150	*9,150	*7,150	*5,900	*4,900	3,300		*3,750	*2,600	5.4

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

Conditions

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

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	

B/A (m)		Blade Up										
		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

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

Conditions

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

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



B/A (m)		Blade Down										
		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

B/A (m)		Blade Up										
		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

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.



- 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.
- 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.
- Ratings at bucket lift hook.
- Lifting capacities are based on machine standing on level, firm and uniform ground.
- *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
- 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

Conditions

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

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



B/A (m)		Blade Down										
		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

B/A (m)		Blade Up										
		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

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.



- 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.
- 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.
- Ratings at bucket lift hook.
- Lifting capacities are based on machine standing on level, firm and uniform ground.
- *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
- 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

Conditions

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

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



B/A (m)		Blade Down										
		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

B/A (m)		Blade Up										
		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

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.



- 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

Conditions

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

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

B/A (m)		Blade Up										
		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

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.



- 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

Conditions

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

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

Conditions

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

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

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)

- 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.
- 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.
- Ratings at bucket lift hook.
- Lifting capacities are based on machine standing on level, firm and uniform ground.
- *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
- 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.

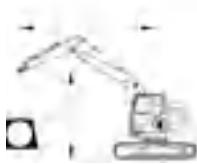
LIFTING CAPACITY (METRIC)

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

Conditions

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

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
6	kg				*3,650	*3,650			*2,050	*2,050
4.5	kg		*4,200	*4,200	*3,900	*3,900	*3,500	2,550	*2,050	*2,050
3	kg		*6,550	*6,550	*4,550	3,750	*3,750	2,450	*2,050	1,850
1.5	kg				*5,300	3,450	4,000	2,350	*2,600	1,750
0	kg		*5,000	*5,000	*5,650	3,250	3,850	2,250	*2,450	1,750
-1.5	kg		*7,900	5,700	*5,450	3,200	3,850	*2,200	*3,000	1,900
-3	kg		*6,400	*5,800	*4,600	3,250			*3,100	*2,350

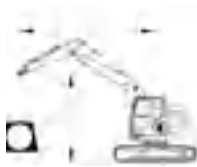
LIFTING CAPACITY (METRIC)

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

Conditions

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

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
6	kg				*3,650	*3,650			*2,050	*2,050
4.5	kg		*4,200	*4,200	*3,900	*3,900	*3,500	2,450	*2,050	2,000
3	kg		*6,550	*6,550	*4,550	3,650	*3,750	2,350	*2,050	1,750
1.5	kg				*5,300	3,300	3,850	2,250	*2,600	1,700
0	kg		*5,000	*5,000	*5,650	3,100	3,750	2,150	*2,450	1,700
-1.5	kg		*7,900	5,450	*5,450	3,050	3,700	*2,100	*3,000	1,850
-3	kg		*6,400	*5,600	*4,600	3,100			*3,100	*2,250

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)

- 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.
- 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.
- Ratings at bucket lift hook.
- Lifting capacities are based on machine standing on level, firm and uniform ground.
- *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
- 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

Conditions

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

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
6	kg				*3,650	*3,650			*2,050	*2,050
4.5	kg		*4,200	*4,200	*3,900	3,850	*3,500	2,450	*2,050	2,000
3	kg		*6,550	*6,550	*4,550	3,600	*3,750	2,350	*2,050	1,750
1.5	kg				*5,300	3,250	*4,000	2,200	*2,600	1,650
0	kg		*5,000	*5,000	*5,650	3,050	*4,200	2,100	*2,450	1,650
-1.5	kg		*7,900	5,350	*5,450	3,000	*4,000	*2,050	*3,000	1,800
-3	kg		*6,400	*5,500	*4,600	3,050			*3,100	*2,250

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

SPECIFICATIONS 915FCR



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 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

Conditions

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

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		A (m)
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
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		A (m)
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
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

LIFTING CAPACITY (METRIC)

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

Conditions

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

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		A (m)
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
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		A (m)
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
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

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.



- 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.
- 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.
- Ratings at bucket lift hook.
- Lifting capacities are based on machine standing on level, firm and uniform ground.
- *Indicates the load is limited by hydraulic capacity rather than tipping capacity.
- 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

Conditions

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

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
6	kg					*3,650	*3,650			*2,050	*2,050
4.5	kg			*4,200	*4,200	*3,900	3,850	*3,500	2,400	*2,050	2,000
3	kg			*6,550	6,550	*4,550	3,550	*3,750	2,300	*2,050	1,750
1.5	kg					*5,300	3,250	*4,000	2,200	*2,600	1,650
0	kg			*5,000	*5,000	*5,650	3,050	*4,200	2,100	*2,450	1,650
-1.5	kg			*7,900	5,300	*5,450	3,000	*4,000	*2,050	*3,000	1,800
-3	kg			*6,400	*5,450	*4,600	3,050			*3,100	*2,200

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

STANDARD EQUIPMENT

ENGINE SYSTEM

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

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	915FCR	UNDERCARRIAGE	915FCR
Pressurized and sealed cab		Standard track undercover	
ROPS certified cab		500 mm track-shoes with triple grousers	
Lower windshield can be removable		Rollers, bottom - 7 each side	
Openable front windshield with assist device		Rollers, top - 1 each side	
Large roof window with slide sliding sun visor		Rollers, top - 2 each side	
Air suspension deluxe seat (with heater and head rest) +retractable seat belt (75 mm [3 in] width, red colour, with green alarm lamp)		1 piece track guards (each side)	
Consoles and seat height adjustable follow-up		Travel motor guards	
8 inches high resolution LCD touch screen + integrated control panel		Centralized lubrication for swing bearing	
Automatic air conditioner, heater, defroster		Towing eye on base frame	
Fire extinguisher		Traction hole on base frame	
Safety hammer for cab evacuation		600 mm track-shoes with triple grousers	
Green safety glass		2 piece track guards (each side)	
Cab interior lighting		Reinforced track undercover	
Left armrest box can be reversed			
ELECTRICAL SYSTEM	915FCR	UPPER STRUCTURE	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.		Punched metal anti-slip plates	
Warn: low engine oil pressure, low fuel level, air filter clog, machine overheat, low coolant level, low DEF level, maintenance remind etc.		Foot pedal is in engine room	
Two maintenance free battery		Tool box	
Battery disconnect switch		Standard frame undercover	
Front window wiper with time adjustable intermittent feature		One key for all locks	
AM/FM radio with auxiliary input		3,000 kg counterweight	
Blue tooth		500 kg extra counterweight	
Working lights close time delay by programmable		Reinforced frame undercover	
Cab interior decoration lights close time delay by programmable		Guard fence of upper frame around	
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			
DIGGING EQUIPMENT	915FCR	SERVICE AND MAINTENANCE	915FCR
4,600 mm boom		Maintenance tool kit	
4,600 mm MONO boom		Maintenance parts package	
2,500 mm arm		Data diagnostic port	
Arm front end with guard bars		Self-diagnostic system	
Manual centralized lubrication on boom			
0.5 m³ standard bucket			
Bucket cylinder rod protect			

OPTIONAL EQUIPMENT

ENGINE SYSTEM

915FCR

Electric refueling pump with auto shutoff

HYDRAULIC SYSTEM

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

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

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

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

915FCR

Guard fence of upper frame around

Reinforced frame undercover

500 kg extra counterweight

DIGGING EQUIPMENT

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



922F/924F DM EXCAVATOR

ALL NEW
F-SERIES

Engine
Net Power
Operating Weight
Bucket Capacity

Cummins B6.7
116 kW
22,800 kg
1.4 m³



TOUGH WORLD. TOUGH EQUIPMENT.

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...



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	0.9 - 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" × 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)



DIMENSIONS (METRIC)	922F	922FN	924FDM	922FLL
Boom Length	5,710 mm	5,710 mm	5,710 mm	8,850 mm
Arm Length	2,915 mm	2,400 mm	3,500 mm	6,250 mm
A Shipping Length	9,620 mm	9,670 mm	9,660 mm	10,210 mm
B Shipping Height (Top of Boom hose)	3,000 mm	3,150 mm	3,250 mm	3,255 mm
C Track Gauge	2,390 mm	2,390 mm	2,390 mm	2,390 mm
D Undercarriage Width– 600 mm (24") shoes	2,990 mm	2,990 mm	2,990 mm	2,990 mm
700 mm (28") shoes	3,090 mm	3,090 mm	3,090 mm	3,090 mm
800 mm (32") shoes	3,190 mm	3,190 mm	3,190 mm	3,190 mm
900 mm (35") shoes	3,290 mm	3,290 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
F Track Length	4,440 mm	4,440 mm	4,440 mm	4,440 mm
G Overall Width of Upper Structure	2,760 mm	2,760 mm	2,760 mm	2,760 mm
H Tail Swing Radius	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
J Overall Height of Cab	2,980 mm	2,980 mm	2,980 mm	2,980 mm
K Min. Ground Clearance	470 mm	470 mm	470 mm	470 mm
L Track Shoe Width	600 mm	600 mm	600 mm	700 mm
G(i) Width of Upper Including SIPS	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
J (ii) Height of Cab Including FOPS Guard	3,130 mm	3,130 mm	3,130 mm	3,130 mm



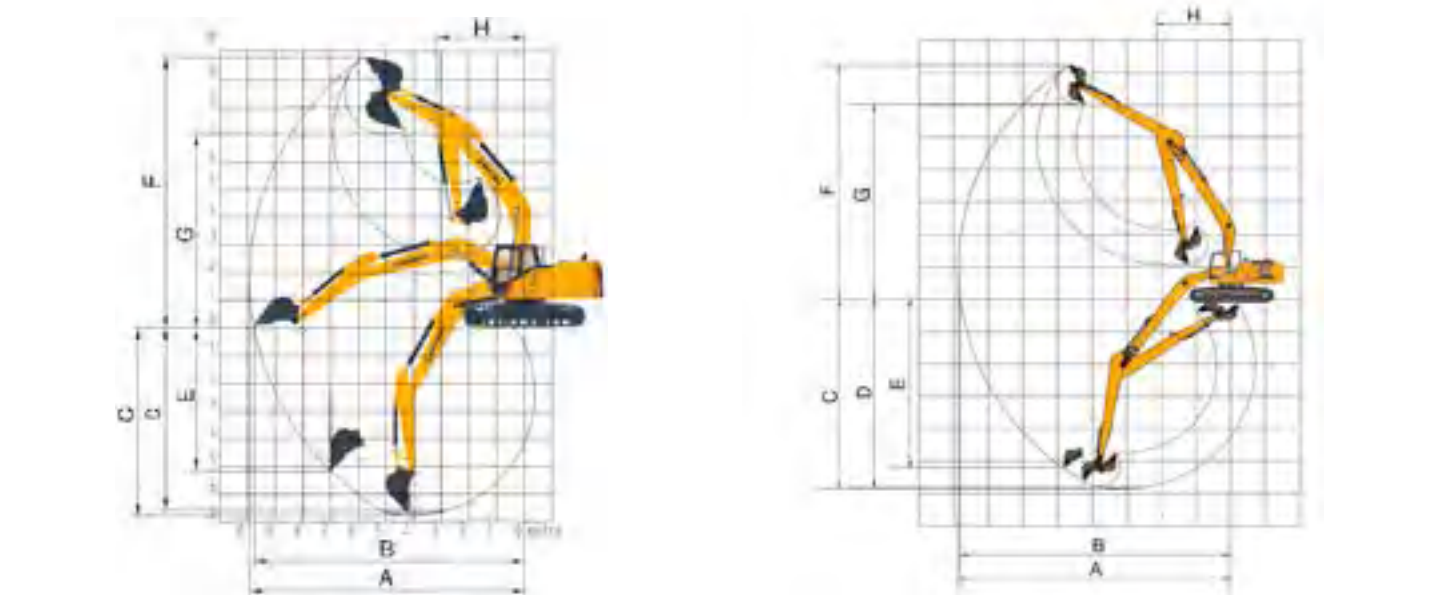
BOOM DIMENSIONS		
Boom	5,710 mm	8,850 mm
Length A	5,898 mm	9,080 mm
Height B	1,690 mm	1,460 mm
Width C	622 mm	622 mm
Width D	788 mm	788 mm
Weight	2,070 kg	2,815 kg

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	24,320 kg	43.4 kPa	2,990 mm	23,435 kg	36.6 kPa	2,990 mm
700 mm	23,080 kg	41.2 kPa	3,090 mm	22,980 kg	41.0 kPa	3,090 mm	24,600 kg	43.9 kPa	3,090 mm	23,715 kg	37 kPa	3,090 mm
800 mm	23,365 kg	36.5 kPa	3,190 mm	23,265 kg	36.3 kPa	3,190 mm	24,885 kg	44.4 kPa	3,190 mm	24,000 kg	37.5 kPa	3,190 mm
900 mm	23,650 kg	32.8 kPa	3,290 mm	23,550 kg	32.7 kPa	3,290 mm	25,170 kg	44.9 kPa	3,290 mm	24,285 kg	37.9 kPa	3,290 mm



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 m³	1.1 m³	1.0 m³	1.1 m³	1.0 m³	0.45 m³
Bucket Tip Radius	/	1,478 mm	1,478 mm	1,478 mm	/	1,260 mm

BUCKET SELECTION GUIDE								
Bucket type	Capacity	Cutting width	Weight	Teeth pcs	5.71 m Boom			8.85 m Boom
	m³	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/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)														
922F with 600 mm shoes, 2,915 mm arm										Conditions				
A: Load radius B: Load point height C: Lifting capacity Cf: Rating over front Cs: Rating over side										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.

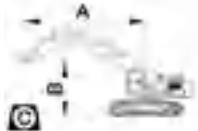
LIFTING CAPACITY (METRIC)

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



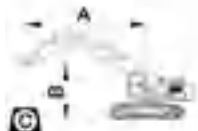
A (Unit: m)														
B (m)		3		4.5		6		7.5		8		Max Reach		
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A
7.5	kg					*4260	*4260					*3916	*3916	6.1
6	kg					*4592	*4592					*3858	*3858	7.2
4.5	kg			*5783	*5783	*5079	*5079	*4774	3943			*3843	3619	7.9
3	kg			*7458	*7458	*5852	5277	*5109	3824	*4970	3469	*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



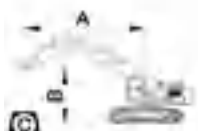
A (Unit: m)													
B (m)	3		4.5		6		7.5		8		Max Reach		
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A
7.5	kg										*5316	*5316	5.6
6	kg				*5114	*5114					*5170	4453	6.8
4.5	kg	*8953	*8953	*6487	*6487	*5542	5315				*5218	3763	7.5
3	kg			*8160	7520	*6272	5058	*5448	3679		*5344	3398	7.9
1.5	kg			*9574	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



B (m)		A (Unit: 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



B (m)		A (Unit: 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



B (m)		A (Unit: 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



B (m)		A (Unit: 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.

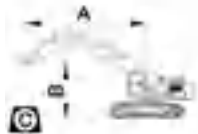
LIFTING CAPACITY (METRIC)

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
7.5	kg					*4260	*4260					*3916	*3916
6	kg					*4592	*4592					*3858	*3858
4.5	kg			*5783	*5783	*5079	*5079	*4774	4047			*3843	3717
3	kg			*7458	*7458	*5852	5414	*5109	3928	*4970	3565	*3791	3366
1.5	kg			*9033	7529	*6655	5130	*5511	3790	*5265	3463	*3935	3228
0	kg	*6062	*6062	*9906	7194	*7236	4924	*5813	3681	*5473	3382	*4467	3274
-1.5	kg	*10205	*10205	*10033	7087	*7426	4827	*5824	3638			*5446	3524
-3	kg	*13437	13407	*9457	7140	*7045	4851					*6012	4157
-4.5	kg	*10917	*10917	*7823	7364							*6316	5771

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
7.5	kg					*4257	*4257					*3912	*3912
6	kg					*4554	*4554					*3853	*3853
4.5	kg			*5733	*5733	*5037	*5037	*4739	4176			*3838	3838
3	kg			*7400	*7400	*5807	5583	*5072	4056	*4935	3683	*3785	3479
1.5	kg			*8973	7772	*6609	5297	*5474	3917	*5231	3580	*3928	3339
0	kg	*6059	*6059	*9847	7438	*7191	5090	*5777	3808	*5441	3500	*4458	3389
-1.5	kg	*10202	*10202	*9981	7336	*7385	4996	*5793	3768			*5436	3650
-3	kg	*13382	*13382	*9414	7397	*7010	5026					*5983	4308
-4.5	kg	*10877	*10877	*7790	7633							*6290	5982

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.

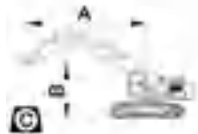
LIFTING CAPACITY (METRIC)

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
7.5	kg					*4260	*4260					*3916	*3916
6	kg					*4592	*4592					*3858	*3858
4.5	kg			*5783	*5783	*5079	*5079	*4774	4183			*3843	*3843
3	kg			*7458	*7458	*5852	5593	*5109	4065	*4970	3692	*3791	3487
1.5	kg			*9033	7789	*6655	5309	*5511	3926	*5265	3589	*3935	3348
0	kg	*6062	*6062	*9906	7454	*7236	5102	*5813	3817	*5473	3508	*4467	3396
-1.5	kg	*10205	*10205	*10033	7347	*7426	5006	*5824	3775			*5446	3656
-3	kg	*13437	*13437	*9457	7400	*7045	5030					*6012	4310
-4.5	kg	*10917	*10917	*7823	7624							*6316	5975

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
7.5	kg					*4260	*4260					*3916	*3916
6	kg					*4592	*4592					*3858	*3858
4.5	kg			*5783	*5783	*5079	*5079	*4774	4251			*3843	*3843
3	kg			*7458	*7458	*5852	5682	*5109	4133	*4970	3755	*3791	3547
1.5	kg			*9033	7918	*6655	5398	*5511	3994	*5265	3652	*3935	3407
0	kg	*6062	*6062	*9906	7584	*7236	5192	*5813	3885	*5473	3571	*4467	3457
-1.5	kg	*10205	*10205	*10033	7477	*7426	5095	*5824	3843			*5446	3722
-3	kg	*13437	*13437	*9457	7530	*7045	5119					*6012	4387
-4.5	kg	*10917	*10917	*7823	7754							*6316	6077



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)

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

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

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)

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

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



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 auxilliary 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 auxilliary 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 Plates
- 5000 kg counterweight
- Bucket cylinder rod protect
- Heavy Duty Undercarriage Cover Plates
- FOPS Level 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



LG-PB-EU-922F 924F-44-012023-ENG



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SPECIFICATIONS

Operating weight	24,500 kg (54,013 lb)
-------------------------	-----------------------

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

Bucket capacity	1.0 m ³ - 1.4 m ³ (1.3 yd ³ - 1.83 yd ³)
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ENGINE

Description

Cummins EPA Tier 4 final / EU Stage IV, 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 IV
Engine manufacturer	Cummins
Engine model	QSB 6.7
Aspiration	Variable-Geometry Turbocharger (VGT)
Charged air cooling	Aftercooler
Cooling fan drive	Viscous clutch
Displacement	6.7 L (1.8 gal) 6,700 cm ³ (409 in ³)
Rated speed	2,100 rpm
Engine output - net (SAE J1349 / ISO 9249)	119 kW (160 hp)
Engine output - gross (SAE J1995 / ISO 14396)	129 kW (173 hp)
Maximum torque	800 N·m (590 lbf·ft) @1,500 rpm
Bore × Stroke	107 × 124 mm (4.2" × 4.9")

UNDERCARRIAGE

Track shoe each side	49
Link pitch	190 mm (7.5")
Shoe width, triple grouser	700 mm (28")
Bottom rollers each side	9
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	11.4 rpm
Swing torque	78,200 N·m (57,677 lbf·ft)

HYDRAULIC SYSTEM

Main pump

Type	Two variable displacement piston pumps
Maximum flow	2 × 224 L/min (2 × 79.3 gal/min)

Pilot pump

Type	Gear pump
Maximum flow	19 L/min (5 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	25.5 MPa (3,698 psi)
Pilot circuit	3.9 MPa (566 psi)

Hydraulic cylinders

Boom Cylinder – Bore × Stroke	Φ120 × 1,335 mm (Φ4.7" × 4'5")
Stick Cylinder – Bore × Stroke	Φ135 × 1,490 mm (Φ5.3" × 4'11")
Bucket Cylinder – Bore × Stroke	Φ115 × 1,120 mm (Φ4.5" × 3'8")

ELECTRIC SYSTEM

System Voltage	24 V
Batteries	2 × 12 V
Alternator	24 V - 70 A
Start motor	24 V - 7.8 kW (24 V - 10.5 hp)

SERVICE CAPACITIES

Fuel tank	420 L (111 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	210 L (55.5 gal)
Hydraulic system total	330 L (87.2 gal)
DEF tank	35 L (9.2 gal)

SOUND PERFORMANCE

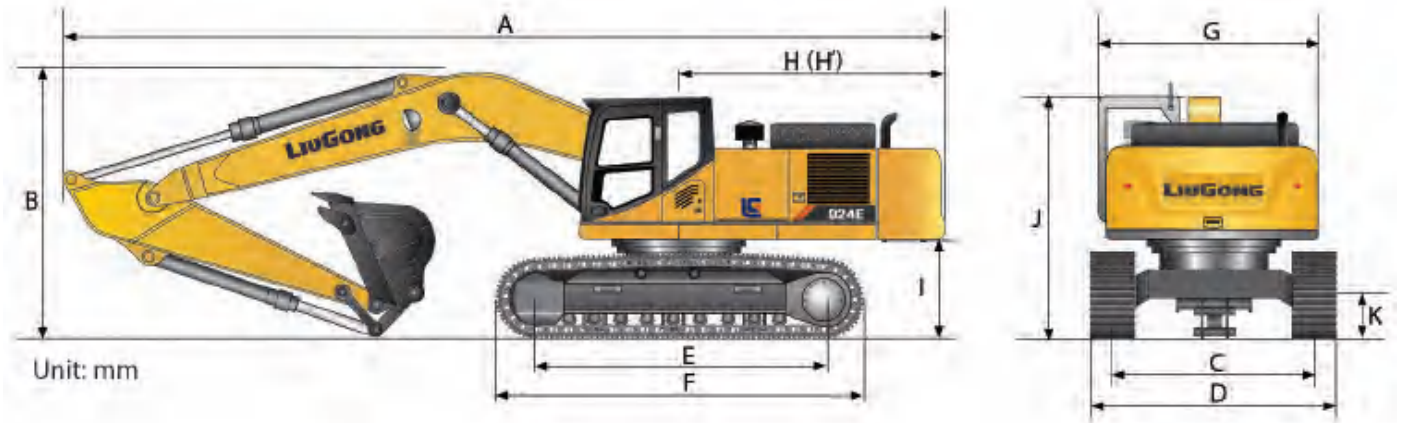
Interior Sound Power Level (ISO 6396)	69 dB(A)
Exterior Sound Power Level (ISO 6395)	100 dB(A)

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 (3.5 mph) Low: 3.3 km/h (2.1 mph)
Gradeability	35°/70%
Max. drawbar pull	220 kN (49,458 lbf)



DIMENSIONS	
Boom	5,710 mm (18' 9")
Arm Options	2,900 mm (9' 6")
A Shipping Length	9,570 mm (31' 5")
B Shipping Height – Top of Boom	3,140 mm (10' 4")
C Track Gauge	2,390 mm (7'10")
D Undercarriage Width – with 700 mm (28") Shoes	3,090 mm (10' 2")
E Length to Center of Rollers	3,650 mm (12')
F Track Length	4,440 mm (14' 7")
G Overall Width of Upper Structure	2,820 mm (9' 3")
H Tail Swing Radius	2,780 mm (9' 1")
I Counterweight Ground Clearance	1,070 mm (3' 6")
J Overall Height of Cab	3,040 mm (10')
K Min. Ground Clearance	440 mm (1' 5")
L Track Shoe Width	700 mm (28")

BOOM DIMENSIONS	
Boom	5,710 mm (18' 9")
Length	5,915 mm (19' 5")
Height	1,550 mm (5' 1")
Width	621 mm (2')
Weight	1,895 kg (4,178 lb)

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

ARM DIMENSIONS	
Arm	2,900 mm (9' 6")
Length	3,895 mm (12' 9")
Height	790 mm (2' 7")
Width	466 mm (1' 6")
Weight	1,110 kg (2,447 lb)

Cylinder, linkage and pin included.

MACHINE WEIGHTS AND GROUND PRESSURE			
Shoe width	Operating weight	Ground pressure	Overall width
	5.7 m (18' 9") boom, 2.9 m (9' 6") arm, 1.0 m ³ (1.3 yd ³) bucket, 4,000 kg (8,818 lb) counterweight		
700 mm (28")	24,500 kg (54,013 lb)	43.2 kPa (6.3 psi)	3,090 mm (10'2")

SPECIFICATIONS

Operating weight	27,500 kg (60,627 lb)
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Operating weight includes coolant, lubricants, full fuel tank, cab, standard shoes, boom, arm, bucket and operator 75 kg (165 lb).

Bucket capacity	1.2 m ³ - 1.6 m ³ (1.57 yd ³ - 2.1 yd ³)
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ENGINE

Description

Cummins EPA Tier 4 final / EU Stage IV, 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 IV
Engine manufacturer	Cummins
Engine model	QSB 6.7
Aspiration	Variable-Geometry Turbocharger (VGT)
Charged air cooling	After cooler
Cooling fan drive	Viscous clutch
Displacement	6.7 L (1.8 gal) 6,700 cm ³ (409 in ³)
Rated speed	2,000 rpm
Engine output - net (SAE J1349 / ISO 9249)	129 kW (173 hp)
Engine output - gross (SAE J1995 / ISO 14396)	142 kW (190 hp)
Maximum torque	809 N·m (597 lbf·ft) @1,500 rpm
Bore × Stroke	107 × 124 mm (4.2" × 4.9")

UNDERCARRIAGE

Track shoe each side	51
Link pitch	190 mm (7.5")
Shoe width, triple grouser	700 mm (28")
Bottom rollers each side	9
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	11.6 rpm
Swing torque	80,800 N·m (59,595 lbf·ft)

HYDRAULIC SYSTEM

Main pump

Type	Two variable displacement piston pumps
Maximum flow	2 × 240 L/min (2 × 63.4 gal/min)

Pilot pump

Type	Gear pump
Maximum flow	19 L/min (5 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	25.5 MPa (3,698 psi)
Pilot circuit	3.9 MPa (566 psi)

Hydraulic cylinders

Boom Cylinder – Bore × Stroke	Φ130 × 1,350 mm (Φ5.1" × 4'5")
Stick Cylinder – Bore × Stroke	Φ145 × 1,635 mm (Φ5.7" × 5'4")
Bucket Cylinder – Bore × Stroke	Φ130 × 1,075 mm (Φ5.1" × 3'6")

ELECTRIC SYSTEM

System voltage	24 V
Batteries	2 × 12 V
Alternator	24 V - 70 A
Start motor	24 V - 7.8 kW (24 V - 10.5 hp)

SERVICE CAPACITIES

Fuel tank	470 L (124.2 gal)
Engine oil	25 L (6.6 gal)
Final drive (each)	5.5 L (1.5 gal)
Swing drive	4.4 L (1.2 gal)
Cooling system	30 L (7.9 gal)
Hydraulic reservoir	210 L (55.5 gal)
Hydraulic system total	330 L (87.2 gal)
DEF tank	35 L (9.2 gal)

SOUND PERFORMANCE

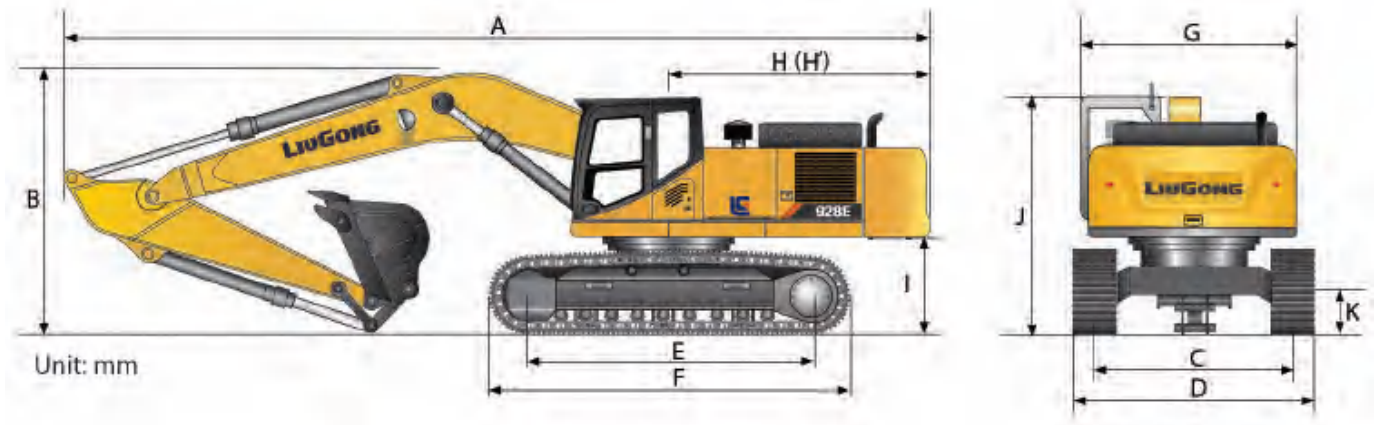
Interior Sound Power Level (ISO 6396)	76 dB(A)
Exterior Sound Power Level (ISO 6395)	102 dB(A)

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: 6.0 km/h (3.7 mph) Low: 3.5 km/h (2.2 mph)
Gradeability	35°/70%
Max. drawbar pull	229 kN (51,481 lbf)



DIMENSIONS

Boom	6,000 mm (19' 8")
Arm Options	2,980 mm (9' 9")
A Shipping Length	10,210 mm (33' 6")
B Shipping Height – Top of Boom	3,480 mm (11' 5")
C Track Gauge	2,590 mm (8' 6")
D Undercarriage Width – 700 mm (28") Shoes	3,290 mm (10' 10")
E Length to Center of Rollers	3,840 mm (12' 7")
F Track Length	4,635 mm (15' 2")
G Overall Width of Upper Structure	2,760 mm (9' 1")
H Tail swing Radius	3,010 mm (9' 11")
I Counterweight Ground Clearance	1,055 mm (3' 6")
J Overall Height of Cab	3,050 mm (10')
K Min. Ground Clearance	440 mm (1' 5")
L Track Shoe Width	700 mm (28")

BOOM DIMENSIONS

Boom	6,000 mm (19' 8")
Length	6,210 mm (20' 4")
Height	1,690 mm (5' 7")
Width	726 mm (2' 5")
Weight	2,450 kg (5,401 lb)

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

ARM DIMENSIONS

Arm	2,980 mm (9' 9")
Length	4,060 mm (13' 4")
Height	885 mm (2' 11")
Width	408 mm (1' 4")
Weight	1,240 kg (2,734 lb)

Includes cylinder, linkage and pin.

MACHINE WEIGHTS AND GROUND PRESSURE

Shoe width	Operating weight	Ground pressure	Overall width
	6.0 m (19' 8") boom, 2.98 m (9' 9") arm, 1.2 m ³ (1.57 yd ³) bucket, 5,000 kg (11,023 lb) counterweight		
700 mm (28")	27,500 kg (60,627 lb)	46.7 kPa (6.8 psi)	3,290 mm (10' 10")

SPECIFICATIONS

Operating weight	32,700 kg (72,091 lb)
Operating weight includes coolant, lubricants, full fuel tank, cab, standard shoes, boom, arm, bucket and operator 75 kg (165 lb).	
Bucket capacity	1.4 m ³ - 1.8 m ³ (1.83 yd ³ - 2.35 yd ³)

ENGINE	
Description	
Cummins EPA Tier 4 final / EU Stage IV, 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 IV
Engine manufacturer	Cummins
Engine model	QSB 6.7
Aspiration	Variable-Geometry Turbocharger (VGT)
Charged air cooling	After cooler
Cooling fan drive	Viscous clutch
Displacement	6.7 L (1.8 gal) 6,700 cm ³ (409 in ³)
Rated speed	2,200 rpm
Engine output - net (SAE J1349 / ISO 9249)	156 kW (212 hp)
Engine output - gross (SAE J1995 / ISO 14396)	168 kW (228 hp)
Maximum torque	949 N·m (700 lbf·ft) @1,500 rpm
Bore × Stroke	107 × 124 mm (4.2" × 4.9")

UNDERCARRIAGE	
Track shoe each side	48
Link pitch	216 mm (8.5")
Shoe width, triple grouser	700 mm (28")
Bottom rollers each side	9
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	10.3 rpm
Swing torque	105,000 N·m (77,444 lbf·ft)

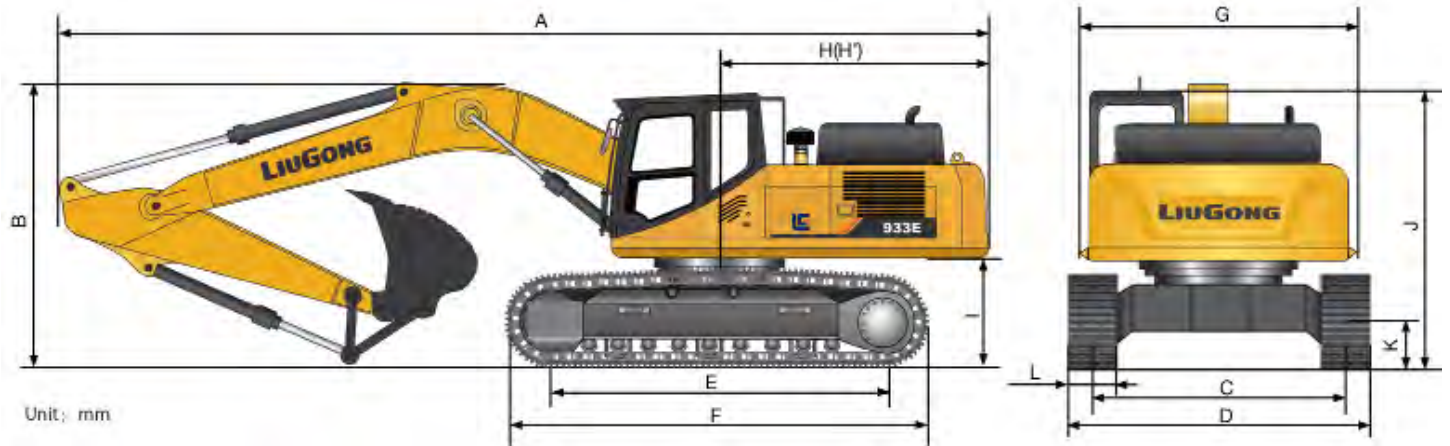
HYDRAULIC SYSTEM	
Main pump	
Type	Two variable displacement piston pumps
Maximum flow	2 x 266 L/min (2 x 70 gal/min)
Pilot pump	
Type	Gear pump
Maximum flow	19 L/min (5 gal/min)
Relief valve setting	
Implement	34.3/37.3 MPa (4,975 / 5,410 psi)
Travel circuit	34.3 MPa (4,975 psi)
Slew circuit	26.2 MPa (3,800 psi)
Pilot circuit	3.9 MPa (566 psi)
Hydraulic cylinders	
Boom Cylinder – Bore × Stroke	Φ140 × 1,342 mm (Φ5.5" × 4' 5")
Stick Cylinder – Bore × Stroke	Φ150 × 1,755 mm (Φ5.9" × 5' 9")
Bucket Cylinder – Bore × Stroke	Φ140 × 1,135 mm (Φ5.5" × 3' 9")

ELECTRIC SYSTEM	
System Voltage	24 V
Batteries	2 x 12 V
Alternator	24 V - 70 A
Start motor	24 V - 7.8 kW (24 V - 10.5 hp)

SERVICE CAPACITIES	
Fuel tank	520 L (137.4 gal)
Engine oil	26.5 L (7 gal)
Final drive (each)	9.5 L (2.5 gal)
Swing drive	10.5 L (2.8 gal)
Cooling system	35 L (9.2 gal)
Hydraulic reservoir	195 L (51.5 gal)
Hydraulic system total	360 L (95.1 gal)
DEF tank	35 L (9.2 gal)

SOUND PERFORMANCE	
Interior Sound Power Level (ISO 6396)	70 dB(A)
Exterior Sound Power Level (ISO 6395)	103 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: 5.5 km/h (3.4 mph) Low: 3.0 km/h (1.9 mph)
Gradeability	35%/70%
Max. drawbar pull	300 kN (67,442 lbf)



DIMENSIONS

Boom	6,200 mm (20' 4")
Arm Options	3,050 mm (10')
A Shipping Length	10,650 mm (34' 11")
B Shipping Height – Top of Boom	3,525 mm (11' 7")
C Track Gauge	2,590 mm (8' 6")
D Undercarriage Width – with 700 mm (28")Shoes	3,290 mm (10' 10")
E Length to Center of Rollers	4,050 mm (13' 3")
F Track Length	4,980 mm (16' 4")
G Overall Width of Upper Structure (including protective side beam)	3,227 mm (10' 7")
H Tail Swing Radius	3,230 mm (10' 7")
I Counterweight Ground Clearance	1,215 mm (4')
J Overall Height of Cab (with protective equipment)	3,325 mm (10' 11")
K Min. Ground Clearance	500 mm (1' 8")
L Track Shoe Width	700 mm (28")

BOOM DIMENSIONS

Boom	6,200 mm (20' 4")
Length	6,420 mm (21' 1")
Height	1,788 mm (5' 10")
Width	942 mm (3' 1")
Weight	2,740 kg (6,041 lb)

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

ARM DIMENSIONS

Arm	3,050 mm (10')
Length	4,222 mm (13' 10")
Height	1,046 mm (3' 5")
Width	542 mm (1' 9")
Weight	1,700 kg (3,748 lb)

Cylinder, linkage and pin included.

MACHINE WEIGHTS AND GROUND PRESSURE

Shoe width	Operating weight	Ground pressure	Overall width
	6.2 m (20' 4") boom, 3.05 m (10') arm, 1.4 m ³ (1.83 yd ³) bucket, 5,500 kg (12,125 lb) counterweight		
700 mm (28")	33,000 kg (72,753 lb)	52.9 kPa (7.7 psi)	3,290 mm (10' 10")

SPECIFICATIONS

Operating weight	37,300 kg (82,232 lb)
-------------------------	-----------------------

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

Bucket capacity	1.6 m ³ - 2.0 m ³ (2.1 yd ³ - 2.6 yd ³)
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ENGINE

Description

Cummins EPA Tier 4 final / EU Stage IV, 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 IV
Engine manufacturer	Cummins
Engine model	QSL9
Aspiration	Variable-Geometry Turbocharger (VGT)
Charged air cooling	Aftercooler
Cooling fan drive	Viscous clutch
Displacement	8.9 L (2.35 gal) 8,900 cm ³ (543 in ³)
Rated speed	2,000 rpm
Engine output - net (SAE J1349 / ISO 9249)	209 kW (280 hp)
Engine output - gross (SAE J1995 / ISO 14396)	221 kW (296 hp)
Maximum torque	1,451 N·m (1070 lbf·ft) @1,400 rpm
Bore × Stroke	114 × 145 mm (4.5" × 5.7")

UNDERCARRIAGE

Track shoe each side	48
Link pitch	216 mm (8.5")
Shoe width, triple grouser	700 mm (28")
Bottom rollers each side	9
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 rpm
Swing torque	111,000 N·m (81,132 lbf·ft)

HYDRAULIC SYSTEM

Main pump

Type	Two variable displacement piston pumps
Maximum flow	2 × 300 L/min (2 × 79.3 gal/min)

Pilot pump

Type	Gear pump
Maximum flow	19 L/min (5 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	26.2 MPa (3,800 psi)
Pilot circuit	3.9 MPa (566 psi)

Hydraulic cylinders

Boom Cylinder – Bore × Stroke	Φ140 × 1,505 mm (Φ5.5" × 4' 11")
Stick Cylinder – Bore × Stroke	Φ170 × 1,785 mm (Φ6.7" × 5' 10")
Bucket Cylinder – Bore × Stroke	Φ145 × 1,220 mm (Φ5.7" × 4')

ELECTRIC SYSTEM

System Voltage	24 V
Batteries	2 × 12 V
Alternator	24 V - 70 A
Start motor	24 V - 7.8 kW (24 V - 10.5 hp)

SERVICE CAPACITIES

Fuel tank	620 L (163.8 gal)
Engine oil	30 L (7.9 gal)
Final drive (each)	9.5 L (2.5 gal)
Swing drive	10.5 L (2.8 gal)
Cooling system	37 L (9.8 gal)
Hydraulic reservoir	240 L (63.4 gal)
Hydraulic system total	450 L (118.9 gal)
DEF tank	35 L (9.2 gal)

SOUND PERFORMANCE

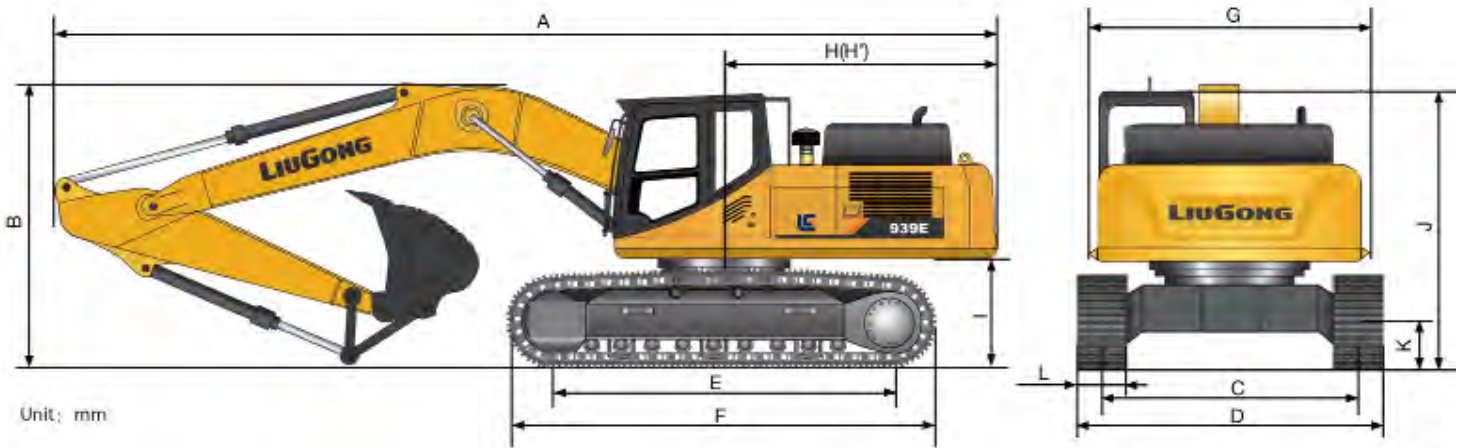
Interior Sound Power Level (ISO 6396)	75 dB(A)
Exterior Sound Power Level (ISO 6395)	105 dB(A)

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: 5.5 km/h (3.4 mph) Low: 3.4 km/h (2.1 mph)
Gradeability	35°/70%
Max. drawbar pull	320 kN (71,939 lbf)



DIMENSIONS

Boom	6,400 mm (21')
Arm Options	3,200 mm (10' 6")
A Shipping Length	11,167 mm (36' 8")
B Shipping Height – Top of Boom	3,530 mm (11' 7")
C Track Gauge	2,590 mm (8' 6")
D Undercarriage Width – with 700 mm (28") Shoes	3,290 mm (10' 10")
E Length to Center of Rollers	4,050 mm (13' 3")
F Track Length	4,944 mm (16' 3")
G Overall Width of Upper Structure	3,227 mm (10' 7") (including protective side beam)
H Tail Swing Radius	3,500 mm (11' 6")
I Counterweight Ground Clearance	1,172 mm (3' 10")
J Overall Height of Cab	3,318 mm (10' 11") (with protective equipment)
K Min. Ground Clearance	532 mm (1' 9")
L Track Shoe Width	700 mm (28")

BOOM DIMENSIONS

Boom	6,400 mm (21')
Length	6,692 mm (21' 11")
Height	1,980 mm (6' 6")
Width	813 mm (2' 8") with boom hinge pin 1,025 mm (3' 4")
Weight	3,250 kg (7,165 lb)

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

ARM DIMENSIONS

Arm	3,200 mm (10' 6")
Length	4,376 mm (14' 4")
Height	1,055 mm (3' 6")
Width	652 mm (2' 2") (with hinge pin)
Weight	1,880 kg (4,145 lb)

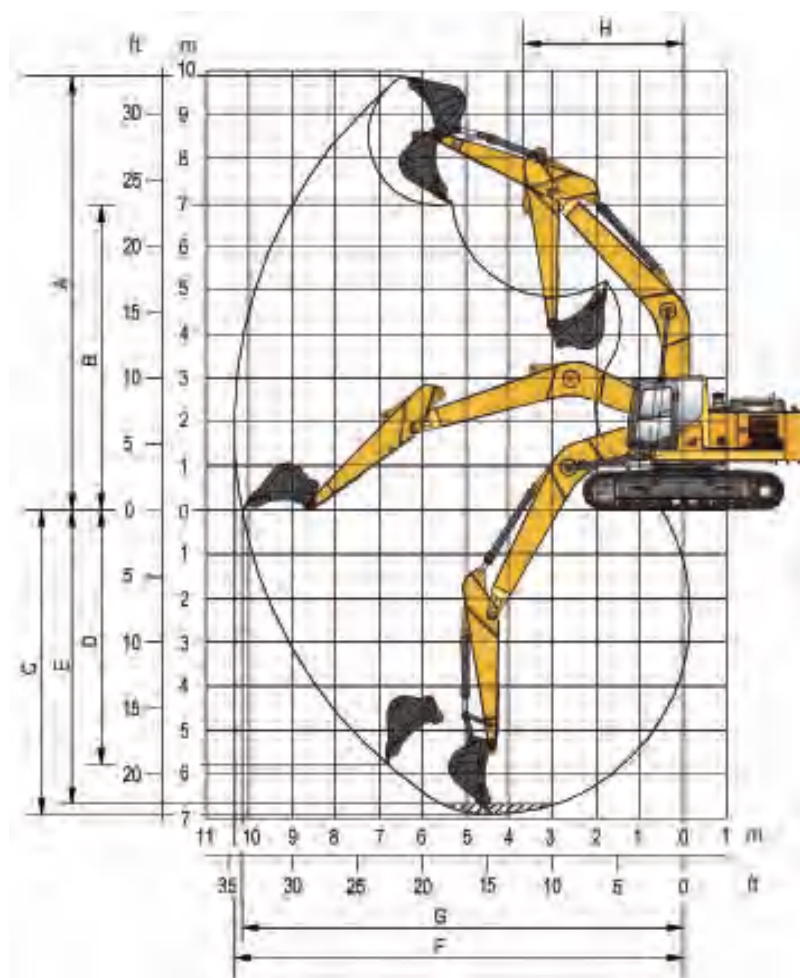
Cylinder, linkage and pin included.

MACHINE WEIGHTS AND GROUND PRESSURE

Shoe width	Operating weight	Ground pressure	Overall width
	6.4 m (21') boom, 3.2 m (10' 6") arm, 1.6 m ³ (2.1 yd ³) bucket, 6,500 kg (14,330 lb) counterweight		
700 mm (28")	37,300 kg (82,232 lb)	59.6 kPa (8.6 psi)	3,290 mm (10' 10")

DEMOLITION APPLICATION EXCAVATORS

924E / 928E / 933E / 939E



WORKING RANGE

		924E	928E	933E	939E
Boom		5,710 mm (18' 9")	6,000 mm (19' 8")	6,200 mm (20' 4")	6,400 mm (21')
Arm		2,900 mm (9' 6")	2,980 mm (9' 9")	3,050 mm (10')	3,200 mm (10' 6")
A. Max. digging reach		9,870 mm (32' 5")	10,340 mm (33' 11")	10,300 mm (33' 10")	10,240 mm (33' 7")
B. Max. digging reach on ground		9,685 mm (31' 9")	10,150 mm (33' 4")	7,265 mm (23' 10")	7,160 mm (23' 6")
C. Max. digging depth		6,562 mm (21' 6")	6,925 mm (22' 9")	7,300 mm (23' 11")	7,340 mm (24' 1")
D. Max. digging depth, 2.44 m (8') level		6,390 mm (21')	6,675 mm (21' 11")	7,096 mm (23' 3")	7,180 mm (23' 7")
E. Max. vertical wall digging depth		5,080 mm (16' 8")	5,795 mm (19')	6,216 mm (20' 5")	6,460 mm (21' 2")
F. Max. cutting height		9,945 mm (32' 8")	9,940 mm (32' 7")	4,040 mm (13' 3")	4,465 mm (14' 8")
G. Max. dumping height		7,170 mm (23' 6")	6,920 mm (22' 8")	10,453 mm (34' 4")	10,900 mm (35' 9")
H. Min. front swing radius		3,090 mm (10' 2")	3,695 mm (12' 1")	10,653 mm (34' 11")	11,100 mm (36' 5")
Bucket Digging Force (ISO)	Normal	140 kN (31,473 lbf)	165 kN (37,093 lbf)	187 kN (42,039 lbf)	232 kN (52,156 lbf)
	Power Boost	152 kN (34,171 lbf)	179 kN (40,241 lbf)	203 kN (45,636 lbf)	252 kN (56,652 lbf)
Arm Digging Force (ISO)	Normal	97 kN (21,806 lbf)	124 kN (27,876 lbf)	137 kN (30,799 lbf)	170 kN (38,218 lbf)
	Power Boost	105 kN (23,605 lbf)	134 kN (30,124 lbf)	149 kN (33,497 lbf)	185 kN (41,590 lbf)
Bucket Capacity		1.0 m ³ (1.31 yd ³)	1.2 m ³ (1.57 yd ³)	1.4 m ³ (1.83 yd ³)	1.6 m ³ (2.1 yd ³)
Bucket Tip Radius		1,450 mm (4' 9")	1,540 mm (5' 1")	1,606 mm (5' 3")	1,687 mm (5' 6")

STANDARD EQUIPMENT

ENGINE SYSTEM

- Cummins diesel engine, turbocharged, inline 6-cylinder, 4 stroke, water cooled
- Auto-idle speed control
- Air filter with pre-cleaner
- Engine oil filter
- Pre-filter with water separator
- Radiator, oil cooler and intercooler
- IPC (Intelligent Power Control) System
- Engine overheating prevention system
- Electrical fuel refilling pump

DRIVETRAIN

- Hydraulic motor, one-piece two-gear piston and reducer
- 2-speed travel system with automatic shift

SWING SYSTEM

- High-torque piston swing motor with integral spring set and automatic hydraulic release swing brake

HYDRAULIC SYSTEM

- Main pump: two variable displacement piston pumps, ready for PTO
- Pilot pump: gear
- Cylinders: boom, stick, bucket
- Power boost function
- Boom and arm regeneration circuits

- Pilot oil filter
- Load holding valve
- Pilot control shut-off lever
- Hose burst safety valves, prevention of boom or arm supply dropped when the lines split (2 mounted on boom cylinders, 1 on arm cylinder)
- 6-working mode selection system: Power, Economy, Fine, Lifting, Breaker, Attachment

OPERATOR STATION

- Pressurized and sealed cab with all-around visibility, large roof window with slide sliding sun visor, front window wiper and removable lower window
- Roll-Over Protective System (ROPS)
- Skylight rooftop
- Air conditioner, heater, defroster
- Swing parking brake
- AM/FM Radio with MP3 audio jack
- Glass-breaking hammer
- Ashtray, cigarette lighter
- Cup holder
- Floor mat
- Storage box
- Fire extinguisher
- Rear view mirrors
- One key for all locks
- Travel alarm
- Rear view camera 5.7" monitor
- Air suspension seat
- Control joysticks with 2 switch & 1 proportional

INSTRUMENTATION

- Color LCD monitor with alarms, filter/fluid change, fuel rate, water temperature, work mode, fault code, working hour, etc.
- Fuel gauge
- Hydraulic oil level gauge

ELECTRICAL

- Alternator 70 A
- Dual batteries 12 V
- Working lights, 1 frame mounted, 2 boom mounted
- Rotating beacon
- Starting, 24 V

GUARDS

- Belly guards
- Cover plate under travel frame
- Track shields

OTHER STANDARD EQUIPMENT

- Maintenance tool kit
- Maintenance parts package

STANDARD DEMOLITION EQUIPMENT

HYDRAULIC SYSTEM

- Control pattern change valve
- Hydraulic lines:
 - Breaker & shear
 - Slope & rotator
 - Grapple
 - Quick coupler line
- Overloading valve
- Cushion valve

GUARDS

- Cab guard (including cab front and top guard, bar)
- Belly guard and 8 mm thickness platform bottom plate
- Bucket ram guard
- Boxing ring

OPTIONAL EQUIPMENT

HYDRAULIC SYSTEM

- Oil drain line
- Hydraulic quick coupler

OPERATOR STATION

- Power outlet 24 V to 12 V converter
- 4 LED cab top lights
- Working lights on cab (2 on top-front cab)
- Rain visor



926F/928F DM EXCAVATOR

ALL NEW
F-SERIES

Engine
Net Power
Operating Weight
Bucket Capacity

Cummins B6.7
145 kW
26,500 - 28,400 kg
0.58-1.5 m³



TOUGH WORLD. TOUGH EQUIPMENT.

HERE'S THE BIG PICTURE...

ALL NEW
F-SERIES

926F/928F 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 (69dBA) and clean (pressurised environment)

NOW FOR THE DETAIL...



SPECIFICATIONS

Operating weight	926F - 26,500 kg
	926FN - 26,400 kg
	928FDM - 28,400 kg
	926FLL - 28,000 kg

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

Bucket capacity	0.58 - 1.5 m³
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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 (1.8 gal)
Rated speed	2,000 rpm
Engine output - net (SAE J1349 / ISO 9249)	145 kW (194 hp / 197 ps)
Engine output - gross (SAE J1995 / ISO 14396)	145 kW (194 hp / 197 ps)
Maximum torque	847 N·m (625 lbf·ft) @ 1,500 rpm
Bore × Stroke	107 × 124 mm (4.2" × 4.9")

UNDERCARRIAGE

Track shoe each side	51
Link pitch	190 mm (7.5" in)
Shoe width, triple grouser	600/700/800/900 mm (24"/28"/32"/35" in)
Bottom rollers each side	9
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	80,800 N·m (59,598 lbf)

HYDRAULIC SYSTEM

Main pump	
Type	Two variable displacement piston pumps
Maximum flow	2 × 234 L/min (2 × 62 gal/min)
Pilot pump	
Type	Gear pump
Maximum flow	18 L/min (5 gal/min)
Relief valve setting	
Implement	34.3/37.3/34.3 MPa (4,973/5,408/4,973 psi)
Travel circuit	34.3 MPa (4,974 psi)
Slew circuit	29 MPa (4,205 psi)
Pilot circuit	3.9 MPa(566 psi)
Hydraulic cylinders	
Boom Cylinder – Bore × Stroke	Φ130 × 1,350 mm (Φ5.1"×4'5" ft/in)
Stick Cylinder – Bore × Stroke	Φ145 ×1,635 mm (Φ5.7"×5'4" ft/in)
Bucket Cylinder – Bore × Stroke	Φ130 × 1,075/Φ95 × 885 mm (Φ5.1"×3'6"/Φ4"×2'11" ft/in)

ELECTRIC SYSTEM

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

SERVICE CAPACITIES

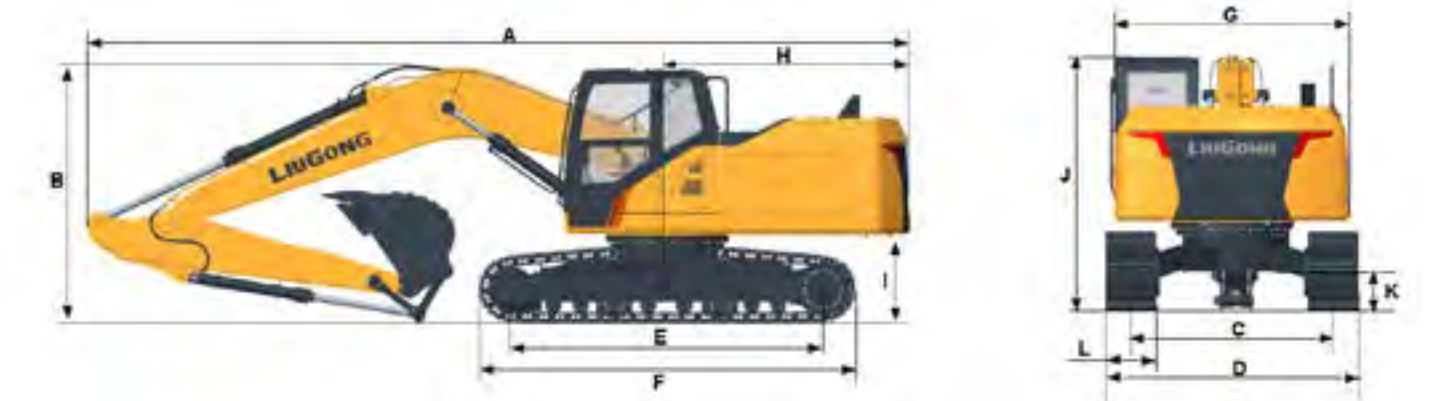
Fuel tank	400 L (105.7 gal)
Engine oil	25 L (6.6 gal)
Final drive (each)	5.5 L (1.5 gal)
Swing drive	4.4 L (1.2 gal)
Cooling system	25 L (6.6 gal)
Hydraulic reservoir	133 L (35 gal)
Hydraulic system total	245 L (65 gal)
DEF Tank	44 L (11.6 gal)

SOUND PERFORMANCE

Interior Sound Power Level (ISO 6396)	69 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: 5.8 km/h (3.6 mph) Low: 3.4 km/h (2.1 mph)
Gradeability	35°/70%
Max. drawbar pull	229 kN (51,481 lbf·ft)



DIMENSIONS	926F	926FN	928FDM	926FLL
Boom Length	6,000 mm	6,000 mm	6,000 mm	10,350 mm
Arm Length	2,980 mm	2,500 mm	3,500 mm	8,000 mm
A Shipping Length	10,210 mm	10,200 mm	10,200 mm	12,860 mm
B Shipping Height (Top of Boom)	3,150 mm	3,190 mm	3,260 mm	3,215 mm
C Track Gauge	2,590 mm	2,590 mm	2,590 mm	2,590 mm
D Undercarriage Width– 600 mm shoes	3,190 mm	3,190 mm	3,190 mm	3,190 mm
700 mm shoes	3,290 mm	3,290 mm	3,290 mm	3,290 mm
800 mm shoes	3,390 mm	3,390 mm	3,390 mm	3,390 mm
900 mm shoes	3,490 mm	3,490 mm	3,490 mm	3,490 mm
E Length to Center of Rollers	3,840 mm	3,840 mm	3,840 mm	3,840 mm
F Track Length	4,635 mm	4,635 mm	4,635 mm	4,638 mm
G Overall Width of Upper Structure	2,760 mm	2,760 mm	2,760 mm	2,760 mm
G (i) Width of Upper Including SIPS	2,875 mm	2,875 mm	2,875 mm	2,875 mm
H Tail Swing Radius	2,975 mm	2,975 mm	2,975 mm	2,975 mm
I Counterweight Ground Clearance	1,090 mm	1,090 mm	1,090 mm	1,090 mm
J Overall Height of Cab	3,020 mm	3,020 mm	3,020 mm	3,020 mm
J (i) Height of Cab Including Lighting Halo	3,100 mm	3,100 mm	3,100 mm	3,100 mm
J (ii) Height of Cab Including FOPS Guard	3,160 mm	3,160 mm	3,160 mm	3,160 mm
K Min. Ground Clearance	465 mm	465 mm	465 mm	800 mm
L Track Shoe Width	600 mm	600 mm	600 mm	800 mm

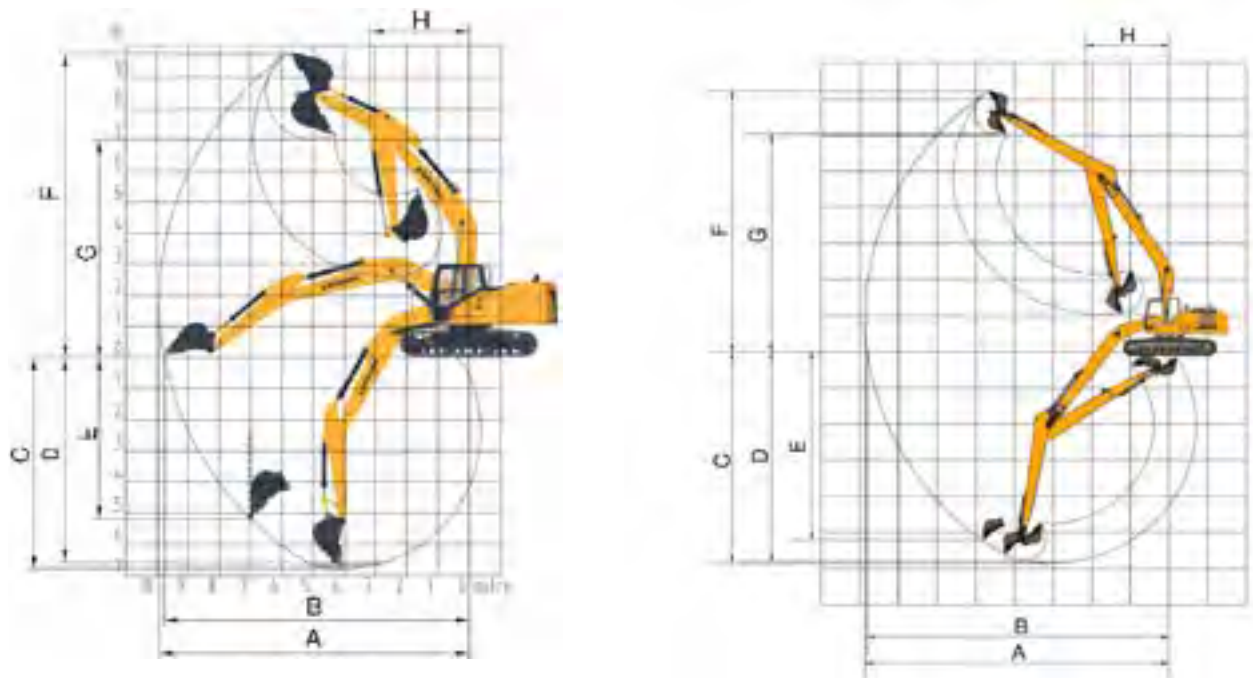


BOOM DIMENSIONS	
Boom	6,000 mm
Length A	6,232 mm
Height B	1,625 mm
Width C	728 mm
Width D	876 mm
Weight	2,490 kg

Includes arm cylinder, piping and pin.

ARM DIMENSIONS	
Arm	2,980 mm
Length A	4,106 mm
Height B	886 mm
Width C	529 mm
Weight	1,370 kg

Includes bucket cylinder, linkage and pin.



WORKING RANGE						
	926F		926FN		928FDM	926FLL
Boom Length	6000 mm	6,000 mm	6,000 mm	6,000 mm	6,000 mm	10,350 mm
Arm Length	2,980 mm	2,500 mm	3,500 mm	2,980 mm	2,980 mm	8,000 mm
A. Max. Digging Reach	10,340 mm	10,000 mm	10,770 mm	10,340 mm	10,340 mm	18,300 mm
B. Max. Digging Reach on Ground	10,135 mm	9,825 mm	10,605 mm	10,135 mm	10,135 mm	18,190 mm
C. Max. Digging Depth	6,925 mm	6,455 mm	7,455 mm	6,925 mm	6,925 mm	14,680 mm
D. Max. Digging Depth, 2.44 m (8') Level	6,725 mm	6,265 mm	7,280 mm	6,725 mm	6,725 mm	14,460 mm
E. Max. Vertical Wall Digging Depth	6,090 mm	4,630 mm	5,230 mm	6,090 mm	6,090 mm	11,120 mm
F. Max. Cutting Height	10,075 mm	10,280 mm	10,305 mm	10,075 mm	10,075 mm	14,780 mm
G. Max. Dumping Height	6,920 mm	7,190 mm	7,305 mm	6,920 mm	6,920 mm	12,475 mm
H. Min. Front Swing Radius	3,430 mm	3,400 mm	3,440 mm	3,430 mm	3,430 mm	5,205 mm
Bucket Digging Force (ISO)	179 KN	179 KN	179 KN	179 KN	179 KN	/
Arm Digging Force (ISO)	134 KN	155 KN	123 KN	134 KN	134 KN	/
Bucket Capacity	1.3 m³	1.3 m³	1.3 m³	1.3 m³	1.2 m³	0.58 m³
Bucket Tip Radius	/	/	/	1,585 mm	/	1,250 mm

BUCKET SELECTION GUIDE								
Bucket type	Capacity	Cutting width	Weight	Teeth	6 m boom		10.35 m boom	
					2.5 m arm	2.98 m arm	3.5 m arm	8 m arm
General type	0.58 m³	990 mm	492 kg	5 EA	NA	NA	NA	B
Earth type	1.3 m³	1,400 mm	936 kg	5 EA	B	B	B	NA
Earth type	1.4 m³	1,470 mm	973 kg	5 EA	B	B	B	NA
General type	1.2 m³	1,310 mm	1,084 kg	5 EA	C	C	C	NA
General type	1.3 m³	1,380 mm	1,144 kg	5 EA	C	C	NA	NA
Rock type	1.3 m³	1,420 mm	1,161 kg	5 EA	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.

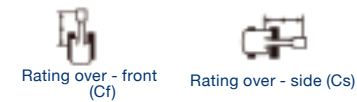
Maximum material density:
A. 1,200-1,300 kg/m³ (2,023-2,191 lb/yd³): Coal, Caliche, Shale
B. 1,400-1,600 kg/m³ (2,360-2,697 lb/yd³): Wet earth and clay, limestone, sandstone
C. 1,700-1,800 kg/m³ (2,865-3,034 lb/yd³): Granite, wet sand, well blasted rock
D. 1,900 kg/m³ (3,203 lb/yd³): Wet mud, Iron ore
NA. Not applicable

MACHINE WEIGHTS AND GROUND PRESSURE						
Shoe width	926F			926FN		
	Operating weight	Ground pressure	Overall width	Operating weight	Ground pressure	Overall width
	6 m boom, 2.98 m arm, 1.3 m³ bucket, 5,000 kg counterweight			6 m boom, 2.98 m arm, 1.3 m³ bucket, 5,000 kg counterweight		
600 mm	26,500 kg	55.2 kPa	2,990 mm	26,400 kg	54.9 kPa	2,990 mm
700 mm	26,780 kg	47.8 kPa	3,090 mm	26,680 kg	47.6 kPa	3,090 mm
800 mm	27,065 kg	42.2 kPa	3,190 mm	26,965 kg	42.1 kPa	3,190 mm
900 mm	27,350 kg	38.0 kPa	3,290 mm	27,250 kg	37.8 kPa	3,290 mm

MACHINE WEIGHTS AND GROUND PRESSURE						
Shoe width	928FDM			926FLL		
	Operating weight	Ground pressure	Overall width	Operating weight	Ground pressure	Overall width
	6 m boom, 2.98 m arm, 1.2 m³ bucket, 6,100 kg counterweight			10.35 m boom, 8 m arm, 0.58 m³ bucket, 6,100 kg counterweight		
600 mm	28,105 kg	55.8 kPa	2,990 mm	27,410 kg	54.4 kPa	2,990 mm
700 mm	28,400 kg	48.3 kPa	3,090 mm	27,705 kg	47.1 kPa	3,090 mm
800 mm	28,695 kg	42.7 kPa	3,190 mm	28,000 kg	43.7 kPa	3,190 mm
900 mm	28,990 kg	38.4 kPa	3,290 mm	28,295 kg	37.4 kPa	3,290 mm



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.



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.

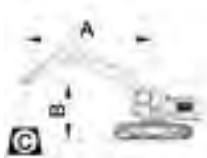
LIFTING CAPACITY (METRIC)

926F with 2,980 mm Arm, 600 mm shoes

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

Conditions

Boom length: 6,000 mm
Arm length: 2,980 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					*5,614	*5,614					*5,543	*5,543	6.5
6					*5,761	*5,761	*5,623	4,812			*5,234	4,701	7.6
4.5			*7,627	*7,627	*6,428	*6,428	*5,829	4,718	*5,723	4,251	*5,045	3,994	8.3
3			*9,664	9,423	*7,369	6,264	*6,270	4,538	*6,037	4,120	*5,552	3,682	8.6
1.5			*11,391	8,662	*8,276	5,891	*6,737	4,348	6,325	3,972	5,589	3,521	8.7
0			*12,153	8,280	*8,862	5,632	6,791	4,202	6,199	3,859	5,695	3,561	8.5
-1.5	*11,174	*11,174	*12,047	8,180	*8,964	5,518	6,721	4,139			6,158	3,821	8
-3	*15,465	*15,465	*11,175	8,263	*8,430	5,546					*6,727	4,412	7.2
-4.5	*12,439	*12,439	*9,223	8,530							*6,810	5,897	5.9

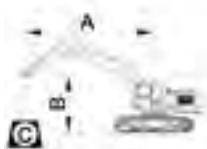
LIFTING CAPACITY (METRIC)

926F with 2,980 mm Arm, 700 mm shoes

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

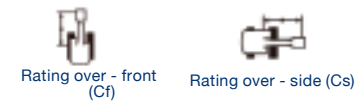
Conditions

Boom length: 6,000 mm
Arm length: 2,980 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					*5,614	*5,614					*5,543	*5,543	6.5
6					*5,761	*5,761	*5,623	4,887			*5,234	4,775	7.6
4.5			*7,627	*7,627	*6,428	*6,428	*5,829	4,793	*5,723	4,320	*5,045	4,060	8.3
3			*9,664	9,568	*7,369	6,363	*6,270	4,613	*6,037	4,190	*5,552	3,746	8.6
1.5			*11,391	8,808	*8,276	5,990	*6,737	4,423	*6,394	4,042	5,678	3,584	8.7
0			*12,153	8,426	*8,862	5,732	6,899	4,278	6,298	3,928	5,786	3,626	8.5
-1.5	*11,174	*11,174	*12,047	8,326	*8,964	5,617	6,829	4,215			6,257	3,891	8
-3	*15,465	*15,465	*11,175	8,408	*8,430	5,645					*6,727	4,491	7.2
-4.5	*12,439	*12,439	*9,223	8,676							*6,810	5,998	5.9

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.



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)

926F with 2,980 mm Arm, 800 mm shoes

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

Conditions

Boom length: 6,000 mm
Arm length: 2,980 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					*5,614	*5,614					*5,543	*5,543	6.5
6					*5,761	*5,761	*5,623	4,963			*5,234	4,850	7.6
4.5			*7,627	*7,627	*6,428	*6,428	*5,829	4,869	*5,723	4,391	*5,045	4,128	8.3
3			*9,664	*9,664	*7,369	6,463	*6,270	4,689	*6,037	4,260	*5,552	3,810	8.6
1.5			*11,391	8,955	*8,276	6,090	*6,737	4,499	*6,394	4,112	5,767	3,648	8.7
0			*12,153	8,573	*8,862	5,832	7,007	4,354	6,397	3,999	5,878	3,691	8.5
-1.5	*11,174	*11,174	*12,047	8,473	*8,964	5,717	6,937	4,291			6,356	3,961	8
-3	*15,465	*15,465	*11,175	8,555	*8,430	5,746					*6,727	4,571	7.2
-4.5	*12,439	*12,439	*9,223	8,823							*6,810	6,101	5.9

LIFTING CAPACITY (METRIC)

926F with 2,980 mm Arm, 900 mm shoes

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

Conditions

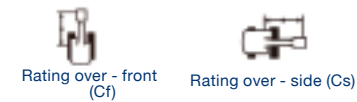
Boom length: 6,000 mm
Arm length: 2,980 mm
Bucket: None
Counterweight: 5,000 kg
Shoes: 900 mm triple grouser
Unit: kg



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					*5,614	*5,614					*5,543	*5,543	6.5
6					*5,761	*5,761	*5,623	5,039			*5,234	4,924	7.6
4.5			*7,627	*7,627	*6,428	*6,428	*5,829	4,945	*5,723	4,460	*5,045	4,195	8.3
3			*9,664	*9,664	*7,369	6,563	*6,270	4,765	*6,037	4,330	*5,552	3,874	8.6
1.5			*11,391	9,101	*8,276	6,190	*6,737	4,575	*6,394	4,182	*5,796	3,711	8.7
0			*12,153	8,719	*8,862	5,931	*7,055	4,429	6,496	4,068	5,970	3,756	8.5
-1.5	*11,174	*11,174	*12,047	8,619	*8,964	5,817	*7,040	4,366			6,455	4,031	8
-3	*15,465	*15,465	*11,175	8,701	*8,430	5,845					*6,727	4,650	7.2
-4.5	*12,439	*12,439	*9,223	8,969							*6,810	6,202	5.9



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.



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)

926F with 2,500 mm Arm, 600 mm shoes	Conditions	
A: Load radius B: Load point height C: Lifting capacity Cf: Rating over front Cs: Rating over side	Boom length: 6,000 mm Arm length: 2,500 mm Bucket: None Counterweight: 5,000 kg Shoes: 600 mm triple grouser Unit: kg	

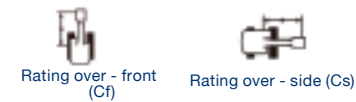
A (Unit: m)													
B (m)	3		4.5		6		7.5		8		MAX REACH		A
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
7.5					*6,221	*6,221					*6,277	*6,277	6.2
6					*6,209	*6,209					*6,081	4,899	7.3
4.5			*8,297	*8,297	*6,822	6,510	*6,147	4,622			*6,070	4,148	8
3			*10,291	9,122	*7,700	6,131	*6,510	4,462	*6,269	4,052	6,053	3,825	8.3
1.5			*11,769	8,448	*8,503	5,787	6,891	4,292	6,274	3,927	5,843	3,665	8.4
0			*12,174	8,185	*8,943	5,571	6,760	4,174	6,181	3,842	5,976	3,723	8.2
-1.5	*9,643	*9,643	*11,779	8,165	*8,865	5,502	6,736	4,153			6,509	4,028	7.7
-3	*14,129	*14,129	*10,629	8,307	*8,054	5,586					*6,796	4,794	6.8
-4.5			*8,163	*8,163							*6,527	*6,527	5.4

LIFTING CAPACITY (METRIC)

926F with 3,500 mm Arm, 600 mm shoes	Conditions	
A: Load radius B: Load point height C: Lifting capacity Cf: Rating over front Cs: Rating over side	Boom length: 6,000 mm Arm length: 3,500 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		A
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
7.5											*4,330	*4,330	7.2
6					*5,189	*5,189	*5,105	4,890	*4,767	4,370	*4,458	4,272	8.1
4.5					*5,876	*5,876	*5,395	4,760	*5,298	4,287	*4,161	3,642	8.8
3			*8,788	*8,788	*6,850	6,329	*5,886	4,553	*5,675	4,127	*4,442	3,360	9.1
1.5			*10,701	8,763	*7,838	5,908	*6,416	4,332	*6,097	3,950	*5,153	3,266	9.1
0	*6,930	*6,930	*11,791	8,245	*8,559	5,593	6,748	4,153	6,151	3,805	*5,189	3,239	9
-1.5	*10,624	*10,624	*12,000	8,049	*8,840	5,426	6,636	4,052	6,066	3,728	5,587	3,453	8.5
-3	*15,617	15,612	*11,435	8,069	*8,556	5,406	*6,598	4,062			*6,355	3,936	7.7
-4.5	*13,796	*13,796	*9,935	8,274	*7,380	5,552					*6,606	5,021	6.5

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.



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)

926FN with 2,980 mm Arm, 600 mm shoes	Conditions	
A: Load radius B: Load point height C: Lifting capacity Cf: Rating over front Cs: Rating over side	Boom length: 6,000 mm Arm length: 2,980 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		A
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
7.5					*5,614	*5,614					*5,543	*5,543	6.5
6					*5,761	*5,761	*5,623	4,446			*5,234	4,343	7.6
4.5			*7,627	*7,627	*6,428	6,134	*5,829	4,354	*5,723	3,920	*5,045	3,681	8.3
3			*9,664	8,586	*7,369	5,753	*6,270	4,177	*6,037	3,792	*5,552	3,386	8.6
1.5			*11,391	7,848	*8,276	5,388	*6,737	3,990	6,349	3,646	5,611	3,231	8.7
0			*12,153	7,478	*8,862	5,135	6,818	3,846	6,224	3,534	5,718	3,262	8.5
-1.5	*11,174	*11,174	*12,047	7,381	*8,964	5,023	6,748	3,784			6,182	3,497	8
-3	*15,465	14,119	*11,175	7,460	*8,430	5,051					*6,727	4,035	7.2
-4.5	*12,439	*12,439	*9,223	7,720							*6,810	5,384	5.9

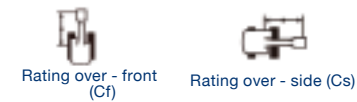
LIFTING CAPACITY (METRIC)

926FN with 2,980 mm Arm, 700 mm shoes	Conditions	
A: Load radius B: Load point height C: Lifting capacity Cf: Rating over front Cs: Rating over side	Boom length: 6,000 mm Arm length: 2,980 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		A
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
7.5					*5,614	*5,614					*5,543	*5,543	6.5
6					*5,761	*5,761	*5,623	4,490			*5,234	4,386	7.6
4.5			*7,627	*7,627	*6,428	6,191	*5,829	4,398	*5,723	3,961	*5,045	3,720	8.3
3			*9,664	8,669	*7,369	5,811	*6,270	4,221	*6,037	3,832	*5,552	3,423	8.6
1.5			*11,391	7,932	*8,276	5,446	*6,737	4,033	*6,394	3,687	5,657	3,268	8.7
0			*12,153	7,561	*8,862	5,193	6,874	3,890	6,275	3,574	5,765	3,300	8.5
-1.5	*11,174	*11,174	*12,047	7,464	*8,964	5,081	6,804	3,828			6,234	3,538	8
-3	*15,465	14,272	*11,175	7,544	*8,430	5,109					*6,727	4,081	7.2
-4.5	*12,439	*12,439	*9,223	7,803							*6,810	5,442	5.9



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.



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)

926FN with 2,980 mm Arm, 800 mm shoes	Conditions	
A: Load radius B: Load point height C: Lifting capacity Cf: Rating over front Cs: Rating over side	Boom length: 6,000 mm Arm length: 2,980 mm Bucket: None Counterweight: 5,000 kg Shoes: 800 mm triple grouser Unit: kg	

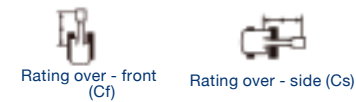
A (Unit: m)													
B (m)	3		4.5		6		7.5		8		MAX REACH		A
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
7.5					*5,614	*5,614					*5,543	*5,543	6.5
6					*5,761	*5,761	*5,623	4,561			*5,234	4,456	7.6
4.5			*7,627	*7,627	*6,428	6,285	*5,829	4,469	*5,723	4,027	*5,045	3,783	8.3
3			*9,664	8,805	*7,369	5,905	*6,270	4,292	*6,037	3,898	*5,552	3,484	8.6
1.5			*11,391	8,068	*8,276	5,540	*6,737	4,105	*6,394	3,753	5,746	3,328	8.7
0			*12,153	7,698	*8,862	5,287	6,982	3,962	6,375	3,641	5,857	3,362	8.5
-1.5	*11,174	*11,174	*12,047	7,601	*8,964	5,174	6,912	3,900			6,333	3,604	8
-3	*15,465	14,521	*11,175	7,680	*8,430	5,202					*6,727	4,156	7.2
-4.5	*12,439	*12,439	*9,223	7,940							*6,810	5,538	5.9

LIFTING CAPACITY (METRIC)

926FN with 2,980 mm Arm, 900 mm shoes	Conditions	
A: Load radius B: Load point height C: Lifting capacity Cf: Rating over front Cs: Rating over side	Boom length: 6,000 mm Arm length: 2,980 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		A
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
7.5					*5,614	*5,614					*5,543	*5,543	6.5
6					*5,761	*5,761	*5,623	4,632			*5,234	4,526	7.6
4.5			*7,627	*7,627	*6,428	6,378	*5,829	4,540	*5,723	4,092	*5,045	3,846	8.3
3			*9,664	8,941	*7,369	5,998	*6,270	4,363	*6,037	3,964	*5,552	3,544	8.6
1.5			*11,391	8,203	*8,276	5,633	*6,737	4,176	*6,394	3,818	*5,796	3,388	8.7
0			*12,153	7,833	*8,862	5,380	*7,055	4,032	6,473	3,706	5,949	3,423	8.5
-1.5	*11,174	*11,174	*12,047	7,736	*8,964	5,267	7,020	3,970			6,432	3,669	8
-3	*15,465	14,769	*11,175	7,815	*8,430	5,295					*6,727	4,230	7.2
-4.5	*12,439	*12,439	*9,223	8,075							*6,810	5,633	5.9

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.



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)

928FDM with 2,980 mm Arm, 600 mm shoes	Conditions	
A: Load radius B: Load point height C: Lifting capacity Cf: Rating over front Cs: Rating over side	Boom length: 6,000 mm Arm length: 2,980 mm Bucket: None Counterweight: 6,100 kg Shoes: 600 mm triple grouser Unit: kg	

A (Unit: m)													
B (m)	4.5		6		7.5		8		MAX REACH		Cf	Cs	A
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs			
7.5					*5,614	*5,614					*5,543	*5,543	6.5
6					*5,761	*5,761	*5,623	5,506			*5,234	*5,234	7.6
4.5			*7,627	*7,627	*6,428	*6,428	*5,829	5,412	*5,723	4,893	*5,045	4,609	8.3
3			*9,664	*9,664	*7,369	7,179	*6,270	5,232	*6,037	4,763	*5,552	4,271	8.6
1.5			*11,391	10,006	*8,276	6,806	*6,737	5,042	*6,394	4,615	*5,796	4,103	8.7
0			*12,153	9,624	*8,862	6,548	*7,055	4,896	*6,622	4,501	*6,228	4,159	8.5
-1.5	*11,174	*11,174	*12,047	9,524	*8,964	6,433	*7,040	4,833			*6,504	4,464	8
-3	*15,465	*15,465	*11,175	9,606	*8,430	6,461					*6,727	5,141	7.2
-4.5	*12,439	*12,439	*9,223	*9,223							*6,810	*6,810	5.9

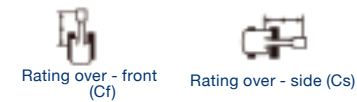
LIFTING CAPACITY (METRIC)

928FDM with 2,980 mm Arm, 700 mm shoes	Conditions	
A: Load radius B: Load point height C: Lifting capacity Cf: Rating over front Cs: Rating over side	Boom length: 6,000 mm Arm length: 2,980 mm Bucket: None Counterweight: 6,100 kg Shoes: 700 mm triple grouser Unit: kg	

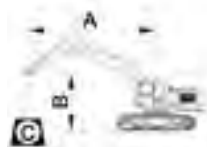
A (Unit: m)													
B (m)	3		4.5		6		7.5		8		MAX REACH		A
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
7.5					*5,614	*5,614					*5,543	*5,543	6.5
6					*5,761	*5,761	*5,623	5,506			*5,234	*5,234	7.6
4.5			*7,627	*7,627	*6,428	*6,428	*5,829	5,412	*5,723	4,893	*5,045	4,609	8.3
3			*9,664	*9,664	*7,369	7,179	*6,270	5,232	*6,037	4,763	*5,552	4,271	8.6
1.5			*11,391	10,006	*8,276	6,806	*6,737	5,042	*6,394	4,615	*5,796	4,103	8.7
0			*12,153	9,624	*8,862	6,548	*7,055	4,896	*6,622	4,501	*6,228	4,159	8.5
-1.5	*11,174	*11,174	*12,047	9,524	*8,964	6,433	*7,040	4,833			*6,504	4,464	8
-3	*15,465	*15,465	*11,175	9,606	*8,430	6,461					*6,727	5,141	7.2
-4.5	*12,439	*12,439	*9,223	*9,223							*6,810	*6,810	5.9




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.

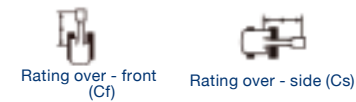


1. Do not attempt to lift or hold any load that is greater than these rated values at their specified load radius and height. Weight of all accessories must be deducted from the above lifting capacities.
2. The rated loads are in compliance with ISO 10567 Hydraulic Excavator Lift Capacity Rating Standard. 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.

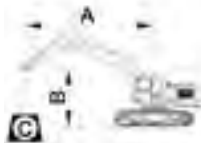
LIFTING CAPACITY (METRIC)													
928FDM with 2,980 mm Arm, 800 mm shoes										Conditions			
A: Load radius B: Load point height C: Lifting capacity Cf: Rating over front Cs: Rating over side										Boom length: 6,000 mm Arm length: 2,980 mm Bucket: None Counterweight: 6,100 kg Shoes: 800 mm 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					*5,614	*5,614					*5,543	*5,543	6.5
6					*5,761	*5,761	*5,623	*5,623			*5,234	*5,234	7.6
4.5			*7,627	*7,627	*6,428	*6,428	*5,829	5,573	*5,723	5,042	*5,045	4,751	8.3
3			*9,664	*9,664	*7,369	*7,369	*6,270	5,393	*6,037	4,912	*5,552	4,408	8.6
1.5			*11,391	10,318	*8,276	7,018	*6,737	5,203	*6,394	4,764	*5,796	4,238	8.7
0			*12,153	9,935	*8,862	6,760	*7,055	5,057	*6,622	4,650	*6,228	4,297	8.5
-1.5	*11,174	*11,174	*12,047	9,835	*8,964	6,645	*7,040	4,994			*6,504	4,612	8
-3	*15,465	*15,465	*11,175	9,918	*8,430	6,674					*6,727	5,310	7.2
-4.5	*12,439	*12,439	*9,223	*9,223							*6,810	*6,810	5.9


LIFTING CAPACITY (METRIC)													
928FDM with 2,980 mm Arm, 900 mm shoes								Conditions					
A: Load radius B: Load point height C: Lifting capacity Cf: Rating over front Cs: Rating over side								Boom length: 6,000 mm Arm length: 2,980 mm Bucket: None Counterweight: 6,100 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					*5,614	*5,614					*5,543	*5,543	6.5
6					*5,761	*5,761	*5,623	*5,623			*5,234	*5,234	7.6
4.5			*7,627	*7,627	*6,428	*6,428	*5,829	5,655	*5,723	5,117	*5,045	4,824	8.3
3			*9,664	*9,664	*7,369	*7,369	*6,270	5,475	*6,037	4,987	*5,552	4,477	8.6
1.5			*11,391	10,476	*8,276	7,126	*6,737	5,285	*6,394	4,839	*5,796	4,306	8.7
0			*12,153	10,094	*8,862	6,868	*7,055	5,139	*6,622	4,725	*6,228	4,368	8.5
-1.5	*11,174	*11,174	*12,047	9,994	*8,964	6,753	*7,040	5,076			*6,504	4,688	8
-3	*15,465	*15,465	*11,175	10,076	*8,430	6,781					*6,727	5,396	7.2
-4.5	*12,439	*12,439	*9,223	*9,223							*6,810	*6,810	5.9

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.



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.

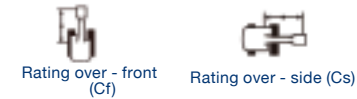
LIFTING CAPACITY (METRIC)													
926FLL with 8,000 mm Arm, 600 mm shoes										Conditions			
A: Load radius B: Load point height C: Lifting capacity Cf: Rating over front Cs: Rating over side										Boom length: 10,350 mm Arm length: 8,000 mm Bucket: None Counterweight: 6,100 kg Shoes: 600 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											*1,219	*1,219	16
6											*1,209	1,180	16.5
4.5											*1,258	1,073	16.8
3	*6,383	*6,383	*5,652	*5,652	*4,086	*4,086	*3,245	*3,245	*3,046	*3,046	*1,385	1,002	16.9
1.5			*6,977	*6,977	*4,817	*4,817	*3,699	*3,699	*3,441	*3,441	*1,398	932	17
0	*2,445	*2,445	*5,013	*5,013	*5,412	4,523	*4,102	3,458	*3,797	3,186	*1,502	895	16.9
-1.5	*3,036	*3,036	*4,824	*4,824	*5,818	4,014	*4,418	3,073	*4,084	2,838	*1,719	885	16.6
-3	*3,742	*3,742	*5,223	*5,223	*6,042	3,730	*4,630	2,820	*4,286	2,601	*1,793	882	16.3
-4.5	*4,513	*4,513	*5,887	5,440	*6,112	3,601	*4,739	2,677	*4,396	2,460	1,910	920	15.7

LIFTING CAPACITY (METRIC)													
926FLL with 8,000 mm Arm, 700 mm shoes							Conditions						
A: Load radius B: Load point height C: Lifting capacity Cf: Rating over front Cs: Rating over side							Boom length: 10,350 mm Arm length: 8,000 mm Bucket: None Counterweight: 6,100 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											*1,219	*1,219	16
6											*1,209	*1,209	16.5
4.5											*1,258	1,104	16.8
3	*6,383	*6,383	*5,652	*5,652	*4,086	*4,086	*3,245	*3,245	*3,046	*3,046	*1,385	1,034	16.9
1.5			*6,977	*6,977	*4,817	*4,817	*3,699	*3,699	*3,441	*3,441	*1,398	964	17
0	*2,445	*2,445	*5,013	*5,013	*5,412	4,627	*4,102	3,537	*3,797	3,259	*1,502	926	16.9
-1.5	*3,036	*3,036	*4,824	*4,824	*5,818	4,118	*4,418	3,152	*4,084	2,911	*1,719	917	16.6
-3	*3,742	*3,742	*5,223	*5,223	*6,042	3,834	*4,630	2,899	*4,286	2,674	*1,793	914	16.3
-4.5	*4,513	*4,513	*5,887	5,593	*6,112	3,705	*4,739	2,756	*4,396	2,533	1,955	954	15.7



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.



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)	
926FLL with 8,000 mm Arm, 800 mm shoes	Conditions
A: Load radius B: Load point height C: Lifting capacity Cf: Rating over front Cs: Rating over side	Boom length: 10,350 mm Arm length: 8,000 mm Bucket: None Counterweight: 6,100 kg Shoes: 800 mm triple grouser Unit: kg
	

A (Unit: m)													
B (m)	3		4.5		6		7.5		8		MAX REACH		A
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
7.5											*1,219	*1,219	16
6											*1,209	*1,209	16.5
4.5											*1,258	1,136	16.8
3	*6,383	*6,383	*5,652	*5,652	*4,086	*4,086	*3,245	*3,245	*3,046	*3,046	*1,385	1,065	16.9
1.5			*6,977	*6,977	*4,817	*4,817	*3,699	*3,699	*3,441	*3,441	*1,398	995	17
0	*2,445	*2,445	*5,013	*5,013	*5,412	4,731	*4,102	3,616	*3,797	3,332	*1,502	957	16.9
-1.5	*3,036	*3,036	*4,824	*4,824	*5,818	4,222	*4,418	3,231	*4,084	2,984	*1,719	949	16.6
-3	*3,742	*3,742	*5,223	*5,223	*6,042	3,937	*4,630	2,978	*4,286	2,746	*1,793	947	16.3
-4.5	*4,513	*4,513	*5,887	5,745	*6,112	3,809	*4,739	2,834	*4,396	2,606	*1,979	988	15.7

LIFTING CAPACITY (METRIC)	
926FLL with 8,000 mm Arm, 900 mm shoes	Conditions
A: Load radius B: Load point height C: Lifting capacity Cf: Rating over front Cs: Rating over side	Boom length: 10,350 mm Arm length: 8,000 mm Bucket: None Counterweight: 6,100 kg Shoes: 900 mm triple grouser Unit: kg

A (Unit: m)													
B (m)	3		4.5		6		7.5		8		MAX REACH		A
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
7.5											*1,219	*1,219	16
6											*1,209	*1,209	16.5
4.5											*1,258	1,166	16.8
3	*6,383	*6,383	*5,652	*5,652	*4,086	*4,086	*3,245	*3,245	*3,046	*3,046	*1,385	1,095	16.9
1.5			*6,977	*6,977	*4,817	*4,817	*3,699	*3,699	*3,441	*3,441	*1,398	1,025	17
0	*2,445	*2,445	*5,013	*5,013	*5,412	4,830	*4,102	3,691	*3,797	3,401	*1,502	987	16.9
-1.5	*3,036	*3,036	*4,824	*4,824	*5,818	4,321	*4,418	3,306	*4,084	3,054	*1,719	980	16.6
-3	*3,742	*3,742	*5,223	*5,223	*6,042	4,037	*4,630	3,053	*4,286	2,816	*1,793	978	16.3
-4.5	*4,513	*4,513	*5,887	*5,887	*6,112	3,909	*4,739	2,910	*4,396	2,675	*1,979	1,021	15.7

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
- 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
- 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 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
- 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

- Work lights: separately installed LED in front and rear cab (4 front and 2 rear)
- Overload warning device
- Travel alarm
- Rotating beacon
- 360° view
- 4 boom working lights

UNDERCARRIAGE

- Standard track undercover
- 600 mm track-shoes with triple grousers
- Rollers, bottom - 9 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
- 5000kg counterweight

DIGGING EQUIPMENT

- 6,000 mm boom
- 2,980 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

ENGINE SYSTEM

- Electric refueling pump with auto shutoff

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 5000h)

OPERATOR STATION

- Cab lower window guard
- Cab top guard
- Openable cab front guard
- Cab front guard and top guard (falling object protective structure)
- Openable cab front window mesh guard
- Transparent cab skylight
- Sunscreen
- Front window rain visor

DEMOLITION PACK (928F DM)

- Bolt on Side Impact Protection
- Heavy Duty Belly Plates
- 6,100 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
- 928F DM Nomenclature
- Work lights: long strip LED light in front and rear cab

ELECTRICAL SYSTEM

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

UNDERCARRIAGE

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

UPPER STRUCTURE

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

DIGGING EQUIPMENT

- Bucket linkage with lifting eye
- Bucket lifting hole
- 2,400 mm short reach arm
- 3,500 mm long reach arm
- 18m super long reach boom & arm



LG-PB-926F 928F-Stage V-WW-A4-012023-ENG



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930F 933F 936F 939F 942F EXCAVATOR

ALL NEW
F SERIES

930F/933F

Engine	B6.7
Net Power	161kW
Operating Weight	31,600 - 34,300kg
Bucket Capacity	1.4m ³

936F/939F/942F

Engine	L9
Net Power	219kW
Operating Weight	38,800 - 42,800kg
Bucket Capacity	1.8-2.1m ³



TOUGH WORLD. TOUGH EQUIPMENT.

HERE'S THE BIG PICTURE...

ALL NEW
F-SERIES

930F-942F EXCAVATOR



POWER & EFFICIENCY

NEW

- 3 new power modes - Power, Standard and Eco

IMPROVED

- Cummins VGT technology engine delivers 5% more torque
- 20% increase on slew torque



TOUGHNESS & DURABILITY

NEW

- Heavier duty undercarriage with bilateral supported upper rollers

IMPROVED

- Longer undercarriages & increased counterweight masses
- Extra strong boom & arm - reduces stress by 25%
- 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 guard rails



UPTIME & MAINTENANCE

IMPROVED

- 1,000h air filter cycle
- Component wear reduced by 70%

NEW

- 5,000 hour long life oil
- Oil bath pre-cleaner option



COMFORT & ERGONOMICS

NEW

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

IMPROVED

- Quiet (69dBA) and clean (pressurised environment)

NOW FOR THE DETAIL...

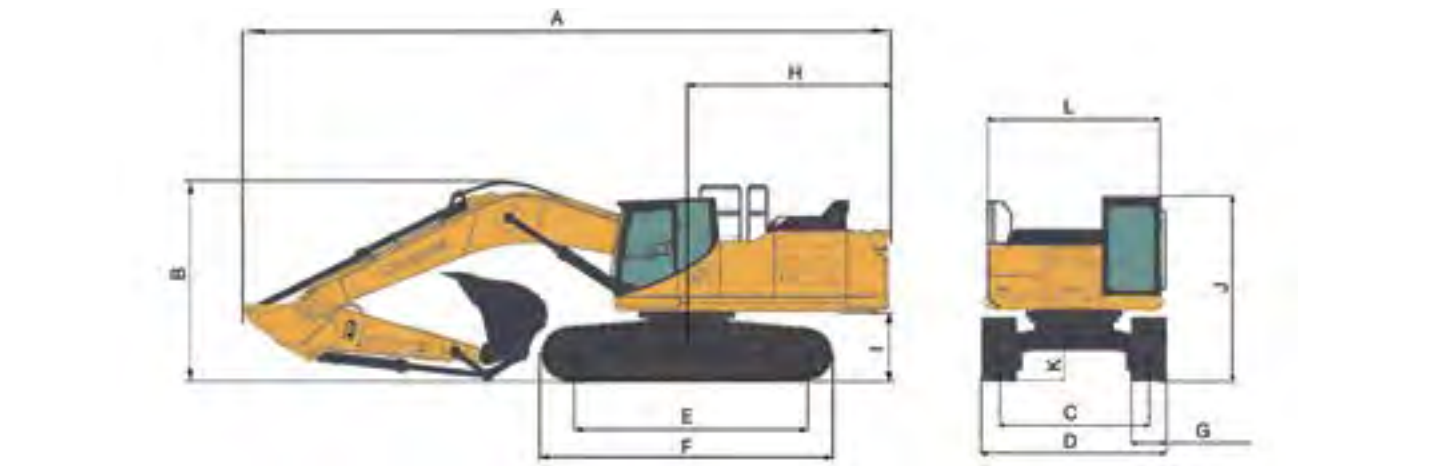
SPECIFICATIONS



OPERATING WEIGHT	
930F	31,600 kg (70,222 lbs)
933F	34,300 kg (76,222 lbs)
936F	38,800 kg (86,222 lbs)
939F	39,800 kg (88,444 lbs)
942F	42,800 kg (95,111 lbs)
Operating weight includes coolant, lubricants, full fuel tank, cab, standard shoes, boom, arm, bucket and operator 75 kg (165 lbs).	
Bucket Capacity	930F 1.4 m³ (1.8 yd³)
	933F 1.4 m³ (1.8 yd³)
	936F 1.8 m³ (2.35 yd³)
	939F 2.0 m³ (2.62 yd³)
	942F 2.1 m³ (2.75 yd³)
HYDRAULIC SYSTEM	
Main pump	
Type	Load-sensing variable pump
Maximum flow	930F/933F 2 × 266 L/min (2 × 70.3 gal/min)
	936F/939F/942F 2 × 351 L/min (2 × 93 gal/min)
Relief valve setting	
Implement	34.3 MPa (4,975 psi)
Travel circuit	34.3 MPa (4,975 psi)
Slew circuit	32.4 MPa (4,699 psi)
Pilot circuit	3.5–3.9 MPa (508–566 psi)
Hydraulic cylinders	
Boom Cylinder – Bore × Stroke	930F/933F Φ140 × 1,342 mm (Φ5.5" × 4'4")
	936F/939F/942F Φ140 × 1,505 mm (Φ5.5" × 4'11")
	942F Φ160 × 1,505 mm (Φ6.3" × 4'11")
Arm Cylinder – Bore × Stroke	930F/933F Φ150 × 1,755 mm (Φ5.9" × 5'9")
	936F/939F/942F Φ175 × 1,785 mm (Φ6.9" × 5'10")
Bucket Cylinder – Bore × Stroke	930F/933F Φ140 × 1,135 mm (Φ5.5" × 3'8")
	936F/939F/942F Φ160 × 1,250 mm (Φ6.3" × 4'1")
ELECTRIC SYSTEM	
System Voltage	24 V
Batteries	2 × 12 V
Alternator	24 V - 70 A
Start motor	930F/933F 24 V-7.8 kW (24 V-10.5 hp)
	936F/939F/942F 24 V-8 kW (24 V- 0.7 hp)

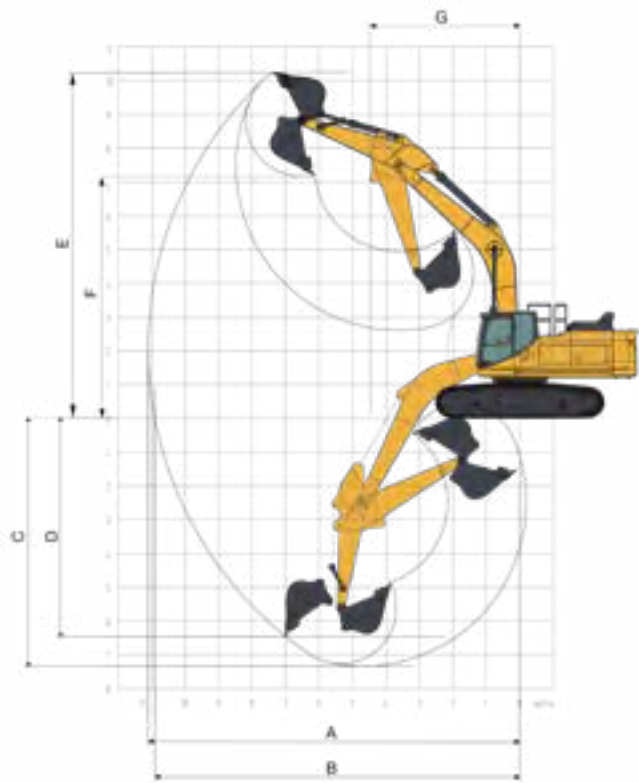
ENGINE	
Description	
930F/933F Cummins B6.7	
936F/939F/942F Cummins L9	
Emission rating	EU Stage V
Engine manufacturer	Cummins
Engine model	930F/933F B6.7
	936F/939F/942F L9
Aspiration	Turbo
Charged air cooling	/
Cooling fan drive	Direct
Displacement	930F/933F 6.7 L (1.77 in³)
	936F/939F/942F 8.9 L (2.35 in³)
Rated speed	930F/933F 2,000 rpm
	936F/939F/942F 2,100 rpm
Engine output - net (SAE J1349 / ISO 9249)	930F/933F 161 kW (219 hp)
	936F/939F/942F 219 kW (298 hp)
Engine output - rated (SAE J1995 / ISO 14396)	930F/933F 173 kW (235 hp)
	936F/939F/942F 231 kW (314 hp)
Maximum torque	930F/933F 949 N·m (700 lbf) @ 1,500 rpm
	936F/939F/942F 1,526 N·m (1,126 lbf) @ 1,400 rpm
Bore × Stroke	930F/933F 107 × 124 mm (4.2" × 4.9")
	936F/939F/942F 114 × 145 mm (4.4" × 5.7")
DRIVE AND BRAKES	
Description	
2-speed axial piston motors with oil disk brakes. Steering controlled by two hand levers with pedals.	
Max. travel speed	930F/933F High: 5.5 km/h (3.4 mph) Low: 3.0 km/h (1.9 mph)
	936F/939F High: 5.5 km/h (3.4 mph) Low: 3.4 km/h (2.1 mph)
	942F High: 5.5 km/h (3.4 mph) Low: 2.9 km/h (1.8 mph)
Gradeability	35°/70%
Max. drawbar pull	930F/933F/936F/939F 320 kN (71,939 lbf)
	942F 350 kN (78,683 lbf)

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	930F/933F 10.3 rpm
	936F/939F 10 rpm
	942F 9.8 rpm
Swing torque	930F/933F 126,000 N·m (92,933 lbf·ft)
	936F/939F/942F 142,000 N·m (104,734 lbf·ft)
UNDERCARRIAGE	
Track shoe each side	930F 51
	933F/936F/939F 49
	942F 50
Link pitch	/
Shoe width, triple grouser	600 mm (1'12")
Bottom rollers each side	9
Top rollers each side	2
Chain track pitch	930F 203 mm (7.9")
	933F/936F/939F/942F 216 mm (8.5")
SERVICE CAPACITIES	
Fuel tank	930F/933F 520 L (137.4 gal)
	936F/939F/942F 620 L (163.8 gal)
Engine oil	930F/933F 23 L (6.1 gal)
	936F/939F/942F 30 L (7.9 gal)
Final drive (each)	2 × 9.5 L (2 × 2.5 gal)
Swing drive	10.5 L (2.8 gal)
Cooling system	930F/933F 35 L (9.2 gal)
	936F/939F/942F 37 L (9.8 gal)
Hydraulic reservoir	930F/933F 195 L (51.5 gal)
	936F/939F/942F 240 L (63.4 gal)
Hydraulic system total	930F/933F 360 L (95.1 gal)
	936F/939F/942F 450 L (118.88 gal)
DEF tank	65 L (17.17 gal)
SOUND PERFORMANCE	
Interior Sound Power Level (ISO 6396)	930F/933F/936F/939F/942F 69 dB(A)
Exterior Sound Power Level (ISO 6395)	930F/933F/936F/939F/942F 105 dB(A)



DIMENSIONS	930F/933F	
Boom	6,200 mm (20'4")	
Arm Options	3,050 mm (10'0")	2,600 mm (8'6")
A Shipping Length	930F 10,650 mm (34'11") / 933F 10,700 mm (35'1")	
B Shipping Height – Top of Boom	3,525 mm (11'7")	
C Track Gauge	2,590 mm (8'6")	
D Undercarriage Width– 600mm shoes	3,190 mm (10'6")	
E Length to Center of Rollers	930F 4,010 mm (13'2") / 933F 4,140 mm (13'7")	
F Track Length	930F 4,935 mm (16'2") / 933F 5,075 mm (16'8")	
G Track Shoe Width	600 mm (24")	
H Tail Swing Radius	930F 3,233 mm (10'7") / 933F 3,280 mm (10'9")	
I Counterweight Ground Clearance	1,250 mm (4'1")	
J Overall Height of Cab	3,175 mm (10'5")	
Overall Height of Cab-with OPG	3,310 mm (10'10")	
Overall Height of Cab- with dome lamp	3,310 mm (10'10")	
K Min. Ground Clearance	535 mm (1'9")	
L Overall Width of Upper Structure	3,163 mm (10'5") / 2,995 mm (9'9")	

DIMENSIONS	936F	939F	942F
Boom	6,400 mm (21')		
Arm Options	3,200 mm (10'6") / 2,900 mm (9'6") / 2,600 mm (8'6")	3,200 mm (10'6") / 2,900 mm (9'6") / 2,600 mm (8'6")	
A Shipping Length	11,300 mm (37'1")	11,597 mm (37'1")	
B Shipping Height – Top of Boom	3,800 mm (12'6")	3,800 mm (12'6")	
C Track Gauge	2,590 mm (8'6")	2,740 mm (8'6")	
D Undercarriage Width– 600mm shoes	3,190 mm (10'6")	3,400 mm (11'1")	
E Length to Center of Rollers	4,140 mm (13'7")	4,250 mm (13'11")	
F Track Length	5,075 mm (16'8")	5,215 mm (17'1")	
G Track Shoe Width	600 mm (24")	600 mm (24")	
H Tail Swing Radius	3,593 mm (11'9")	3,766 mm (12'4")	
I Counterweight Ground Clearance	1,250 mm (4'1")	1,250 mm (4'1")	
J Overall Height of Cab	3,175 mm (10'5")	3,175 mm (10'5")	
Overall Height of Cab-with OPG	3,310 mm (10'10")	3,310 mm (10'10")	
Overall Height of Cab- with dome lamp	3,310 mm (10'10")	3,310 mm (10'10")	
K Min. Ground Clearance	545 mm (1'9")	545 mm (1'9")	
L Overall Width of Upper Structure	3,163 mm (10'5") / 2,995 mm (9'9")	3,163 mm (10'5") / 2,995 mm (9'9")	



WORKING RANGE	930F/933F			936F/939F/942F	
Boom Length	6,200 mm (20'4")			6,400 mm (21')	
Arm Length	3,050 mm (10'0")	2,600 mm (8'6")	3,200 mm (10'6")	2,900 mm (9'6")	2,600 mm (8'6")
A. Max. Digging Reach	10,653 mm (34'11")	10,250 mm (33'8")	11,100 mm (36'5")	10,728 mm (35'2")	10,560 mm (34'8")
B. Max. Digging Reach on Ground	10,453 mm (34'4")	10,032 mm (32'11")	10,900 mm (35'9")	10,527 mm (34'6")	10,350 mm (33'11")
C. Max. Digging Depth	7,300 mm (23'11")	6,825 mm (22'5")	7,340 mm (24'1")	6,890 mm (22'7")	6,730 mm (22'1")
D. Max. Vertical Wall Digging Depth	6,216 mm (20'5")	5,450 mm (17'11")	6,460 mm (21'2")	5,085 mm (16'8")	4,430 mm (14'6")
E. Max. Cutting Height	10,300 mm (33'10")	10,007 mm (32'10")	10,240 mm (33'7")	9,818 mm (32'3")	9,830 mm (32'3")
F. Max. Dumping Height	7,265 mm (23'10")	7,086 mm (23'3")	7,160 mm (23'6")	6,655 mm (21'10")	6,900 mm (22'8")
G. Min. Front swing radius	4,040 mm (13'3")			4,465 mm (14'8")	
Max. Digging Depth, 2.44 m (8') Level	7,096 mm (23'3")	6,590 mm (21'7")	7,180 mm (23'7")	6,710 mm (22')	6,530 mm (21'5")
Lift above Ground	/			/	
Depth below Ground	/			/	
Bucket Digging Force (ISO)	203 kN (45,636 lbf)			290 kN (65,195 lbf)	
Arm Digging Force (ISO)	149 kN (33,497 lbf)	165 kN (37,093 lbf)	196 kN (44,063 lbf)	227 kN (51,032 lbf)	243 kN (54,629 lbf)
Bucket Capacity	1.4 m³ (1.8 yd³)			936F 1.8 m³ (2.4 yd³)	
				939F 2.0 m³ (2.6 yd³)	
				942F 2.1 m³ (2.7 yd³)	
Bucket Tip Radius	1,671 mm (5'6")			936F/939F 1,785 mm (5'10")	
				942F 1,839 mm (6'0")	

MACHINE WEIGHTS AND GROUND PRESSURE 930F			
Shoe width	Operating weight		Ground pressure
	6.2 m (20'4") boom, 3.05 m (10'0") arm, 1.4 m³ (1.8 yd³) bucket, 5,200 kg (11,464 lbs) counterweight		Overall width
600 mm (24")	31,600 kg (70,222 lbs)		59.4 kPa (8.6 psi)
700 mm (28")	32,000 kg (70,548 lbs)		52 kPa (7.5 psi)
800 mm (32")	32,400 kg (71,430 lbs)		46 kPa (6.7 psi)
900 mm (35")	32,800 kg (72,312 lbs)		41 kPa (5.9 psi)

MACHINE WEIGHTS AND GROUND PRESSURE 933F			
Shoe width	Operating weight		Ground pressure
	6.2 m (20'4") boom, 3.05 m (10'0") arm, 1.4 m³ (1.8 yd³) bucket, 6,700 kg (14,771 lbs) counterweight		Overall width
600 mm (24")	34,300 kg (75,619 lbs)		62.7 kPa (9.1 psi)
700 mm (28")	34,700 kg (76,500 lbs)		54 kPa (7.8 psi)
800 mm (32")	35,100 kg (77,382 lbs)		48 kPa (7.0 psi)
900 mm (35")	35,500 kg (78,264 lbs)		43 kPa (6.2 psi)

MACHINE WEIGHTS AND GROUND PRESSURE 936F			
Shoe width	Operating weight		Ground pressure
	6.4 m (21') boom, 3.2 m (10'6") arm, 1.8 m³ (2.35 yd³) bucket, 7,700 kg (16,976 lbs) counterweight		Overall width
600 mm (24")	38,800 kg (85,539 lbs)		69.7 kPa (10.1 psi)
700 mm (28")	39,200 kg (86,421 lbs)		60.4 kPa (8.8 psi)
800 mm (32")	39,600 kg (87,303 lbs)		53.4 kPa (7.7 psi)
900 mm (35")	40,000 kg (88,184 lbs)		47.9 kPa (6.9 psi)

MACHINE WEIGHTS AND GROUND PRESSURE 939F			
Shoe width	Operating weight		Ground pressure
	6.4 m (21') boom, 3.2 m (10'6") arm, 1.8 m³ (2.35 yd³) bucket, 8,500 kg (18,739 lbs) counterweight		Overall width
600 mm (24")	39,800 kg (87,744 lbs)		71.5 kPa (10.4 psi)
700 mm (28")	40,200 kg (88,626 lbs)		61.9 kPa (9.0 psi)
800 mm (32")	40,600 kg (89,508 lbs)		54.7 kPa (7.9 psi)
900 mm (35")	41,000 kg (90,390 lbs)		49.1 kPa (7.1 psi)

MACHINE WEIGHTS AND GROUND PRESSURE 942F			
Shoe width	Operating weight		Ground pressure
	6.4 m (21') boom, 3.2 m (10'6") arm, 2.1 m³ (2.75 yd³) bucket, 9,000 kg (19,842 lbs) counterweight		Overall width
600 mm (24")	42,800 kg (94,358 lbs)		76.3 kPa (11.1 psi)
700 mm (28")	43,200 kg (95,240 lbs)		66.0 kPa (9.6 psi)
800 mm (32")	43,600 kg (96,122 lbs)		58.3 kPa (8.5 psi)
900 mm (35")	44,000 kg (97,003 lbs)		52.3 kPa (7.6 psi)

ARM DIMENSIONS					
	930F/933F			936F/939F/942F	
Arm	3,050 mm (10'0")	2,600 mm (8'6")	3,200 mm (10'6")	2,900 mm (9'6")	2,600 mm (8'6")
Length	4,224 mm (13'10")	3,800 mm (12'6")	4,384 mm (14'5")	4,166 mm (13'8")	3,818 mm (12'6")
Height	1,016 mm (3'4")	4,045 mm (13'3")	1,095 mm (3'7")	1,107 mm (3'8")	1,120 mm (3'8")
Width	532 mm (1'9")	532 mm (1'9")	655 mm (2'2")	655 mm (2'2")	655 mm (2'2")
Weight	930F 1,720 kg (3,792 lbs)	1,752 kg (3,862 lbs)	2,189.5 kg (4,827 lbs)	2,157 kg (4,755 lbs)	2,046.5 kg (4,512 lbs)
	933F 1,834 kg (4,043 lbs)				

Cylinder, linkage and pin included.



BOOM DIMENSIONS		
	930F/933F	936F/939F/942F
Boom	6,200 mm (20'4")	6,400 mm (21')
Length	6,430 mm (21'1")	6,640 mm (21'9")
Height	1,557 mm (5'1")	1,684 mm (5'6")
Width	942 mm (3'1")	973 mm (3'2")
Weight	930F 2,839 kg (6,259 lbs) / 933F 3,034 kg (6,689 lbs)	3,535.5 kg (7,794 lbs)

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

BUCKET SELECTION GUIDE 930F/933F

6.2 m (20'4") Boom						
Bucket type	Capacity	Cutting width	Weight	Teeth pcs	3.05 m (10'0") Arm	2.6 m (8'6") Arm
Earth type	/	/	/	/	/	/
General type	1.4 m³ (1.83 yd³)	1,445 mm (4'9")	1,387 kg (3,058 lbs)	5	C&D	/
General type	1.6 m³ (2.09 yd³)	1,560 mm (5'1")	1,487.5 kg (3,279 lbs)	5	/	C&D
Rock type	/	/	/	/	/	/

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 (2,023-2,191 lb/yd³): Coal, Caliche, Shale
B. 1,400-1,600 kg/m³ (2,360-2,697 lb/yd³): Wet earth and clay, limestone, sandstone
C. 1,700-1,800 kg/m³ (2,865-3,034 lb/yd³): Granite, wet sand, well blasted rock
D. 1,900 kg/m³ (3,203 lb/yd³): Wet mud, Iron ore
NA. Not applicable

BUCKET SELECTION GUIDE 936F

6.2 m (20'4") Boom							
Bucket type	Capacity	Cutting width	Weight	Teeth pcs	3.2 m (10'5") Arm	2.9 m (9'6") Arm	2.6 m (8'6") Arm
Earth type	/	/	/	/	/	/	/
General type	1.8 m³ (2.35 yd³)	1,540 mm (5'0")	1,667 kg (3,675 lbs)	5	B	C	D
Rock type	/	/	/	/	/	/	/

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 (2,023-2,191 lb/yd³): Coal, Caliche, Shale
B. 1,400-1,600 kg/m³ (2,360-2,697 lb/yd³): Wet earth and clay, limestone, sandstone
C. 1,700-1,800 kg/m³ (2,865-3,034 lb/yd³): Granite, wet sand, well blasted rock
D. 1,900 kg/m³ (3,203 lb/yd³): Wet mud, Iron ore
NA. Not applicable

BUCKET SELECTION GUIDE 939F/942F

6.2 m (20'4") Boom							
Bucket type	Capacity	Cutting width	Weight	Teeth pcs	3.2 m (10'5") Arm	2.9 m (9'6") Arm	2.6 m (8'6") Arm
Earth type	/	/	/	/	/	/	/
General type	939F 2.0 m³ (2.62 yd³) 942F 2.1 m³ (2.75 yd³)	1,605 mm (5'3")	1,736 kg (3,827 lbs)	5	B	C	D
Rock type	/	/	/	/	/	/	/

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.

Maximim material density:
A. 1,200-1,300 kg/m³ (2,023-2,191 lb/yd³): Coal, Caliche, Shale
B. 1,400-1,600 kg/m³ (2,360-2,697 lb/yd³): Wet earth and clay, limestone, sandstone
C. 1,700-1,800 kg/m³ (2,865-3,034 lb/yd³): Granite, wet sand, well blasted rock
D. 1,900 kg/m³ (3,203 lb/yd³): 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 (24") Shoes, 6,200 mm (20'4") Boom, 3,050 mm (10'0") 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: 6,200 mm (20'4")
Arm length: 3,050 mm (10'0")
Shoes: 600 mm (24")
Bucket: None
Unit: kg





A (Unit: m)														
B (m)	1.5		3		4.5		6		7.5		MAX REACH			
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	A (m)	
6.0 (20 ft)	kg						*6,977	*6,977	*6,852	*6,852	*6,154	6,142	8.1	
	lb						*15,382	*15,382	*15,107	*15,107	*13,568	13,541	27.0	
4.5 (15 ft)	kg				*9,600	*9,600	*8,032	*8,032	*7,291	6,787	*6,045	5,464	8.7	
	lb				*21,164	*21,164	*17,708	*17,708	*16,075	14,962	*13,326	12,046	29.0	
3.0 (10 ft)	kg				*12,491	*12,491	*9,402	8,928	*7,980	6,602	*6,197	5,130	9.0	
	lb				*27,539	*27,539	*20,727	19,682	*17,594	14,554	*13,662	11,310	30.0	
1.5 (5 ft)	kg				*14,790	12,596	*10,677	8,589	*8,682	6,423	*6,981	5,058	9.0	
	lb				*32,607	27,770	*23,540	18,936	*19,141	14,161	*15,392	11,151	30.0	
GROUND LEVEL	kg				*15,796	12,320	*11,514	8,377	*9,186	6,299	*7,505	5,157	8.8	
	lb				*34,825	27,162	*25,383	18,467	*20,251	13,887	*16,547	11,369	29.0	
-1.5 (-5 ft)	kg	*8,654	*8,654	*12,956	*12,956	*15,766	12,284	*11,748	8,302	*9,291	6,258	*8,257	5,540	8.3
	lb	*19,079	*19,079	*28,563	*28,563	*34,757	27,082	*25,899	18,303	*20,482	13,797	*18,203	12,215	27.0
-3.0 (-10 ft)	kg	*15,061	*15,061	*20,740	*20,740	*14,851	12,404	*11,236	8,360			*8,582	6,344	7.5
	lb	*33,203	*33,203	*45,724	*45,724	*32,741	27,347	*24,772	18,430			*18,921	13,987	25.0
-4.5 (-15 ft)	kg			*17,371	*17,371	*12,713	12,692	*9,348	8,600			*8,879	8,262	6.2
	lb			*38,297	*38,297	*28,027	27,981	*20,610	18,959			*19,575	18,215	20.0




LIFTING CAPACITY														
930F with 700 mm (28") Shoes, 6,200 mm (20'4") Boom, 3,050 mm (10'0") Arm										Conditions				
A: Load radius B: Load point height C: Lifting capacity rating Cf: Rating loads over front Cs: Rating loads over side or 360°										Boom length: 6,200 mm (20'4") Arm length: 3,050 mm (10'0") Shoes: 700 mm (28") Bucket: None Unit: kg				
A (Unit: m)														
B (m)	1.5		3		4.5		6		7.5		MAX REACH		A (m)	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs		
6.0 (20 ft)	kg						*6,977	*6,977	*6,852	*6,852	*6,154	*6,154	8.1	
	lb						*15,382	*15,382	*15,107	*15,107	*13,568	*13,568	27.0	
4.5 (15 ft)	kg				*9,600	*9,600	*8,032	*8,032	*7,291	6,905	*6,045	5,563	8.7	
	lb				*21,164	*21,164	*17,708	*17,708	*16,075	15,223	*13,326	12,264	29.0	
3.0 (10 ft)	kg				*12,491	*12,491	*9,402	9,083	*7,980	6,720	*6,197	5,225	9.0	
	lb				*27,539	*27,539	*20,727	20,026	*17,594	14,815	*13,662	11,520	30.0	
1.5 (5 ft)	kg				*14,790	12,825	*10,677	8,745	*8,682	6,542	*6,981	5,153	9.0	
	lb				*32,607	28,275	*23,540	19,280	*19,141	14,422	*15,392	11,361	30.0	
GROUND LEVEL	kg				*15,796	12,549	*11,514	8,532	*9,186	6,417	*7,505	5,255	8.8	
	lb				*34,825	27,666	*25,383	18,811	*20,251	14,147	*16,547	11,585	29.0	
-1.5 (-5 ft)	kg	*8,654	*8,654	*12,956	*12,956	*15,766	12,513	*11,748	8,458	*9,291	6,376	*8,257	5,645	8.3
	lb	*19,079	*19,079	*28,563	*28,563	*34,757	27,587	*25,899	18,647	*20,482	14,057	*18,203	12,445	27.0
-3.0 (-10 ft)	kg	*15,061	*15,061	*20,740	*20,740	*14,851	12,633	*11,236	8,515			*8,582	6,463	7.5
	lb	*33,203	*33,203	*45,724	*45,724	*32,741	27,851	*24,772	18,773			*18,921	14,248	25.0
-4.5 (-15 ft)	kg			*17,371	*17,371	*12,713	*12,713	*9,348	8,756			*8,879	8,412	6.2
	lb			*38,297	*38,297	*28,027	*28,027	*20,610	19,303			*19,575	18,544	20.0

LIFTING CAPACITY													
930F with 600 mm (24") Shoes, 6,200 mm (20'4") Boom, 2,600 mm (8'6") Arm										Conditions			
A: Load radius B: Load point height C: Lifting capacity rating Cf: Rating loads over front Cs: Rating loads over side or 360°										Boom length: 6,200 mm (20'4") Arm length: 2,600 mm (8'6") Shoes: 600 mm (24") Bucket: None Unit: kg			
													
A (Unit: m)													
B (m)	3		4.5		6		7.5		MAX REACH		A (m)		
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs			
6.0 (20 ft)	kg				*7,558	*7,558	*7,388	6,842	*7,407	6,702	7.6		
	lb				*16,661	*16,661	*16,289	15,084	*16,330	14,775	25.0		
4.5 (15 ft)	kg		*10,492	*10,492	*8,557	*8,557	*7,700	6,737	*7,551	5,920	8.2		
	lb		*23,131	*23,131	*18,864	*18,864	*16,976	14,852	*16,646	13,052	27.0		
3.0 (10 ft)	kg		*13,310	12,974	*9,844	8,829	*8,307	6,562	*7,277	5,446	8.6		
	lb		*29,343	28,604	*21,703	19,465	*18,314	14,467	*16,044	12,007	28.0		
1.5 (5 ft)	kg		*15,261	12,404	*10,985	8,511	*8,916	6,398	*8,031	5,369	8.6		
	lb		*33,645	27,345	*24,218	18,763	*19,657	14,106	*17,706	11,836	28.0		
GROUND LEVEL	kg		*15,836	12,229	*11,644	8,333	*9,299	6,296	*8,319	5,485	8.4		
	lb		*34,912	26,959	*25,671	18,371	*20,501	13,881	*18,341	12,093	28.0		
-1.5 (-5 ft)	kg	*13,578	*13,578	*15,485	12,261	*11,677	8,299	*9,212	6,292	*8,777	6,012	7.8	
	lb	*29,934	*29,934	*34,139	27,031	*25,743	18,297	*20,308	13,872	*19,350	13,254	26.0	
-3.0 (-10 ft)	kg	*19,284	*19,284	*14,277	12,439	*10,883	8,410		*9,182	7,088	6.9		
	lb	*42,515	*42,515	*31,475	27,424	*23,992	18,540		*20,243	15,626	23.0		
-4.5 (-15 ft)	kg	*15,525	*15,525	*11,627	*11,627				*9,318	*9,318	5.5		
	lb	*34,226	*34,226	*25,634	*25,634				*20,543	*20,543	18.0		

LIFTING CAPACITY													
930F with 700 (28") mm Shoes, 6,200 mm (20'4") Boom, 2,600 mm (8'6") Arm										Conditions			
A: Load radius B: Load point height C: Lifting capacity rating Cf: Rating loads over front Cs: Rating loads over side or 360°										Boom length: 6,200 mm (20'4") Arm length: 2,600 mm (8'6") Shoes: 700 mm (28") Bucket: None Unit: kg			
													
A (Unit: m)													
B (m)	3		4.5		6		7.5		MAX REACH		A (m)		
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs			
6.0 (20 ft)	kg				*7,558	*7,558	*7,388	6,960	*7,407	6,818	7.6		
	lb				*16,661	*16,661	*16,289	15,344	*16,330	15,032	25.0		
4.5 (15 ft)	kg			*10,492	*10,492	*8,557	*8,557	*7,700	6,855	*7,551	6,027	8.2	
	lb			*23,131	*23,131	*18,864	*18,864	*16,976	15,113	*16,646	13,286	27.0	
3.0 (10 ft)	kg			*13,310	13,203	*9,844	8,985	*8,307	6,680	*7,277	5,547	8.6	
	lb			*29,343	29,108	*21,703	19,809	*18,314	14,728	*16,044	12,228	28.0	
1.5 (5 ft)	kg			*15,261	12,633	*10,985	8,667	*8,916	6,516	*8,031	5,469	8.6	
	lb			*33,645	27,850	*24,218	19,107	*19,657	14,366	*17,706	12,057	28.0	
GROUND LEVEL	kg			*15,836	12,457	*11,644	8,489	*9,299	6,414	*8,319	5,589	8.4	
	lb			*34,912	27,464	*25,671	18,714	*20,501	14,141	*18,341	12,321	28.0	
-1.5 (-5 ft)	kg	*13,578	*13,578	*15,485	12,490	*11,677	8,455	*9,212	6,410	*8,777	6,125	7.8	
	lb	*29,934	*29,934	*34,139	27,535	*25,743	18,640	*20,308	14,132	*19,350	13,503	26.0	
-3.0 (-10 ft)	kg	*19,284	*19,284	*14,277	12,668	*10,883	8,566			*9,182	7,219	6.9	
	lb	*42,515	*42,515	*31,475	27,929	*23,992	18,884			*20,243	15,914	23.0	
-4.5 (-15 ft)	kg	*15,525	*15,525	*11,627	*11,627					*9,318	*9,318	5.5	
	lb	*34,226	*34,226	*25,634	*25,634					*20,543	*20,543	18.0	

LIFTING CAPACITY														
933F with 600 mm (24") Shoes, 6,200 mm (20'4") Boom, 3,050 mm (10'0") Arm										Conditions				
A: Load radius B: Load point height C: Lifting capacity rating Cf: Rating loads over front Cs: Rating loads over side or 360°										Boom length: 6,200 mm (20'4") Arm length: 3,050 mm (10'0") Shoes: 600 mm (24") Bucket: None Unit: kg				
														
A (Unit: m)														
B (m)	1.5		3		4.5		6		7.5		MAX REACH		A (m)	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs		
6.0 (20 ft)	kg						*6,977	*6,977	*6,852	*6,852	*6,154	*6,154	8.1	
	lb						*15,382	*15,382	*15,107	*15,107	*13,568	*13,568	27.0	
4.5 (15 ft)	kg				*9,600	*9,600	*8,032	*8,032	*7,291	7,230	*6,045	5,835	8.7	
	lb				*21,164	*21,164	*17,708	*17,708	*16,075	15,939	*13,326	12,864	29.0	
3.0 (10 ft)	kg				*12,491	*12,491	*9,402	*9,402	*7,980	7,045	*6,197	5,487	9.0	
	lb				*27,539	*27,539	*20,727	*20,727	*17,594	15,532	*13,662	12,097	30.0	
1.5 (5 ft)	kg				*14,790	13,455	*10,677	9,174	*8,682	6,867	*6,981	5,415	9.0	
	lb				*32,607	29,662	*23,540	20,225	*19,141	15,139	*15,392	11,938	30.0	
GROUND LEVEL	kg				*15,796	13,179	*11,514	8,961	*9,186	6,742	*7,505	5,523	8.8	
	lb				*34,825	29,054	*25,383	19,756	*20,251	14,864	*16,547	12,177	29.0	
-1.5 (-5 ft)	kg	*8,654	*8,654	*12,956	*12,956	*15,766	13,143	*11,748	8,887	*9,291	6,701	*8,257	5,933	8.3
	lb	*19,079	*19,079	*28,563	*28,563	*34,757	28,974	*25,899	19,592	*20,482	14,774	*18,203	13,080	27.0
-3.0 (-10 ft)	kg	*15,061	*15,061	*20,740	*20,740	*14,851	13,262	*11,236	8,944			*8,582	6,788	7.5
	lb	*33,203	*33,203	*45,724	*45,724	*32,741	29,239	*24,772	19,718			*18,921	14,964	25.0
-4.5 (-15 ft)	kg			*17,371	*17,371	*12,713	*12,713	*9,348	9,184			*8,879	8,823	6.2
	lb			*38,297	*38,297	*28,027	*28,027	*20,610	20,248			*19,575	19,451	20.0



LIFTING CAPACITY														
933F with 700 mm (28") Shoes, 6,200 mm (20'4") Boom, 3,050 mm (10'0") Arm										Conditions				
A: Load radius B: Load point height C: Lifting capacity rating Cf: Rating loads over front Cs: Rating loads over side or 360°										Boom length: 6,200 mm (20'4") Arm length: 3,050 mm (10'0") Shoes: 700 mm (28") Bucket: None Unit: kg				
														
A (Unit: m)														
B (m)	1.5		3		4.5		6		7.5		MAX REACH		A (m)	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs		
6.0 (20 ft)	kg						*6,977	*6,977	*6,852	*6,852	*6,154	*6,154	8.1	
	lb						*15,382	*15,382	*15,107	*15,107	*13,568	*13,568	27.0	
4.5 (15 ft)	kg				*9,600	*9,600	*8,032	*8,032	*7,291	*7,291	*6,045	5,934	8.7	
	lb				*21,164	*21,164	*17,708	*17,708	*16,075	*16,075	*13,326	13,083	29.0	
3.0 (10 ft)	kg				*12,491	*12,491	*9,402	*9,402	*7,980	7,163	*6,197	5,582	9.0	
	lb				*27,539	*27,539	*20,727	*20,727	*17,594	15,792	*13,662	12,307	30.0	
1.5 (5 ft)	kg				*14,790	13,683	*10,677	9,330	*8,682	6,985	*6,981	5,510	9.0	
	lb				*32,607	30,167	*23,540	20,569	*19,141	15,399	*15,392	12,148	30.0	
GROUND LEVEL	kg				*15,796	13,407	*11,514	9,117	*9,186	6,860	*7,505	5,621	8.8	
	lb				*34,825	29,558	*25,383	20,100	*20,251	15,125	*16,547	12,393	29.0	
-1.5 (-5 ft)	kg	*8,654	*8,654	*12,956	*12,956	*15,766	13,371	*11,748	9,043	*9,291	6,820	*8,257	6,038	8.3
	lb	*19,079	*19,079	*28,563	*28,563	*34,757	29,479	*25,899	19,936	*20,482	15,034	*18,203	13,311	27.0
-3.0 (-10 ft)	kg	*15,061	*15,061	*20,740	*20,740	*14,851	13,491	*11,236	9,100			*8,582	6,906	7.5
	lb	*33,203	*33,203	*45,724	*45,724	*32,741	29,743	*24,772	20,062			*18,921	15,225	25.0
-4.5 (-15 ft)	kg			*17,371	*17,371	*12,713	*12,713	*9,348	9,340			*8,879	*8,879	6.2
	lb			*38,297	*38,297	*28,027	*28,027	*20,610	20,592			*19,575	*19,575	20.0

LIFTING CAPACITY

933F with 600 mm (24") Shoes, 6,200 mm (20'4") Boom, 2,600 mm (8'6") Arm

Conditions


Boom length: 6,200 mm (20'4")

Arm length: 2,600 mm (8'6")

Shoes: 600 mm (24")

Bucket: None

Unit: kg



A: Load radius

B: Load point height

C: Lifting capacity rating

Cf: Rating loads over front

Cs: Rating loads over side or 360°

A (Unit: m)

3

4.5

6

7.5

MAX REACH

B (m)

Cf

Cs

Cf

Cs

Cf

Cs

Cf

Cs

Cf

Cs

A (m)

6.0 (20 ft)

kg

*7,558

*7,558

*7,388

7,285

*7,407

7,138

7.6

lb

*16,661

*16,661

*16,289

16,061

*16,330

15,737

25.0

4.5 (15 ft)

kg

*10,492

*10,492

*8,557

*8,557

*7,700

7,180

*7,551

6,319

8.2

lb

*23,131

*23,131

*18,864

*18,864

*16,976

15,829

*16,646

13,930

27.0

3.0 (10 ft)

kg

*13,310

*13,310

*9,844

9,414

*8,307

7,006

*7,277

5,823

8.6

lb

*29,343

*29,343

*21,703

20,754

*18,314

15,445

*16,044

12,837

28.0

1.5 (5 ft)

kg

*15,261

13,262

*10,985

9,095

*8,916

6,842

*8,031

5,745

8.6

lb

*33,645

29,238

*24,218

20,052

*19,657

15,083

*17,706

12,666

28.0

GROUND LEVEL

kg

*15,836

13,087

*11,644

8,917

*9,299

6,740

*8,319

5,872

8.4

lb

*34,912

28,851

*25,671

19,659

*20,501

14,858

*18,341

12,947

28.0

-1.5 (-5 ft)

kg

*13,578

*13,578

*15,485

13,119

*11,677

8,884

*9,212

6,735

*8,777

6,435

7.8

lb

*29,934

*29,934

*34,139

28,923

*25,743

19,585

*20,308

14,849

*19,350

14,186

26.0

-3.0 (-10 ft)

kg

*19,284

*19,284

*14,277

13,298

*10,883

8,994

*9,182

7,579

6.9

lb

*42,515

*42,515

*31,475

29,316

*23,992

19,829

*20,243

16,708

23.0

-4.5 (-15 ft)

kg

*15,525

*15,525

*11,627

*11,627

*9,318

*9,318

5.5

lb

*34,226

*34,226


*25,634


*25,634

*20,543


*20,543


18.0


LIFTING CAPACITY													
933F with 700 mm (28") Shoes, 6,200 mm (20'4") Boom, 2,600 (8'6") mm Arm										Conditions			
A: Load radius B: Load point height C: Lifting capacity rating Cf: Rating loads over front Cs: Rating loads over side or 360°										Boom length: 6,200 mm (20'4") Arm length: 2,600 mm (8'6") Shoes: 700 mm (28") Bucket: None Unit: kg			
													
A (Unit: m)													
B (m)		3		4.5		6		7.5		MAX REACH		A (m)	
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs		
6.0 (20 ft)	kg					*7,558	*7,558	*7,388	*7,388	*7,407	7,254	7.6	
	lb					*16,661	*16,661	*16,289	*16,289	*16,330	15,993	25.0	
4.5 (15 ft)	kg			*10,492	*10,492	*8,557	*8,557	*7,700	7,298	*7,551	6,425	8.2	
	lb			*23,131	*23,131	*18,864	*18,864	*16,976	16,090	*16,646	14,164	27.0	
3.0 (10 ft)	kg			*13,310	*13,310	*9,844	9,570	*8,307	7,124	*7,277	5,923	8.6	
	lb			*29,343	*29,343	*21,703	21,098	*18,314	15,705	*16,044	13,058	28.0	
1.5 (5 ft)	kg			*15,261	13,491	*10,985	9,251	*8,916	6,960	*8,031	5,846	8.6	
	lb			*33,645	29,742	*24,218	20,396	*19,657	15,344	*17,706	12,887	28.0	
GROUND LEVEL	kg			*15,836	13,316	*11,644	9,073	*9,299	6,858	*8,319	5,976	8.4	
	lb			*34,912	29,356	*25,671	20,003	*20,501	15,119	*18,341	13,174	28.0	
-1.5 (-5 ft)	kg	*13,578	*13,578	*15,485	13,348	*11,677	9,040	*9,212	6,854	*8,777	6,548	7.8	
	lb	*29,934	*29,934	*34,139	29,427	*25,743	19,929	*20,308	15,110	*19,350	14,435	26.0	
-3.0 (-10 ft)	kg	*19,284	*19,284	*14,277	13,526	*10,883	9,150			*9,182	7,709	6.9	
	lb	*42,515	*42,515	*31,475	29,821	*23,992	20,173			*20,243	16,996	23.0	
-4.5 (-15 ft)	kg	*15,525	*15,525	*11,627	*11,627					*9,318	*9,318	5.5	
	lb	*34,226	*34,226	*25,634	*25,634					*20,543	*20,543	18.0	


LIFTING CAPACITY														
936F with 600 mm (24") Shoes, 6,400 mm (21') Boom, 3,200 mm (10'6") Arm										Conditions				
A: Load radius B: Load point height C: Lifting capacity rating Cf: Rating loads over front Cs: Rating loads over side or 360°										Boom length: 6,400 mm (21') Arm length: 3,200 mm (10'6") Shoes: 600 mm (24") Bucket: None Unit: kg				
														
A (Unit: m)														
B (m)	3		4.5		6		7.5		9		MAX REACH		A (m)	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs		
6.0 (20 ft)	kg						*8,170	6,832			*7,295	5,565	8.5	
	lb						*18,012	15,061			*16,082	12,269	28.0	
4.5 (15 ft)	kg				*9,921	9,196	*8,711	6,626	*7,866	5,001	*6,900	4,910	9.1	
	lb				*21,871	20,273	*19,204	14,608	*17,343	11,025	*15,212	10,824	30.0	
3.0 (10 ft)	kg			*15,350	12,859	*11,374	8,662	*9,449	6,359	8,297	4,891	7,894	4,655	9.3
	lb			*33,841	28,349	*25,076	19,095	*20,831	14,019	18,292	10,784	17,403	10,262	31.0
1.5 (5 ft)	kg			*17,566	11,989	*12,641	8,197	*10,145	6,106	8,162	4,770	7,668	4,491	9.4
	lb			*38,727	26,431	*27,869	18,071	*22,365	13,462	17,995	10,517	16,906	9,901	31.0
GROUND LEVEL	kg			*18,247	11,632	*13,353	7,906	10,421	5,927	8,072	4,689	7,836	4,562	9.2
	lb			*40,228	25,644	*29,438	17,429	22,975	13,067	17,796	10,338	17,275	10,057	30.0
-1.5 (-5 ft)	kg	*15,064	*15,064	*17,779	11,584	*13,353	7,797	10,338	5,855			8,445	4,886	8.7
	lb	*33,210	*33,210	*39,197	25,538	*29,438	17,190	22,792	12,908			18,619	10,773	29.0
-3.0 (-10 ft)	kg	*22,032	*22,032	*16,332	11,727	*12,505	7,853	*9,673	5,921			*8,909	5,578	7.9
	lb	*48,573	*48,573	*36,005	25,854	*27,569	17,312	*21,326	13,054			*19,641	12,297	26.0
-4.5 (-15 ft)	kg	*17,734	*17,734	*13,554	12,064	*10,284	8,103					*8,699	7,077	6.7
	lb	*39,098	*39,098	*29,882	26,596	*22,673	17,864					*19,177	15,602	22.0



LIFTING CAPACITY													
936F with 700 mm (28") Shoes, 6,400 mm (21') Boom, 3,200 mm (10'6") Arm										Conditions			
A: Load radius B: Load point height C: Lifting capacity rating Cf: Rating loads over front Cs: Rating loads over side or 360°										Boom length: 6,400 mm (21') Arm length: 3,200 mm (10'6") Shoes: 700 mm (28") Bucket: None Unit: kg			
													
A (Unit: m)													
B (m)	3		4.5		6		7.5		9		MAX REACH		A (m)
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
6.0 (20 ft)	kg						*8,170	6,940			*7,295	5,658	8.5
	lb						*18,012	15,299			*16,082	12,473	28.0
4.5 (15 ft)	kg				*9,921	9,338	*8,711	6,734	*7,866	5,088	*6,900	4,995	9.1
	lb				*21,871	20,586	*19,204	14,846	*17,343	11,217	*15,212	11,013	30.0
3.0 (10 ft)	kg		*15,350	13,067	*11,374	8,804	*9,449	6,467	*8,377	4,978	8,018	4,739	9.3
	lb		*33,841	28,809	*25,076	19,409	*20,831	14,256	*18,467	10,975	17,678	10,447	31.0
1.5 (5 ft)	kg		*17,566	12,198	*12,641	8,339	*10,145	6,214	8,292	4,857	*7,724	4,573	9.4
	lb		*38,727	26,891	*27,869	18,385	*22,365	13,699	18,281	10,708	*17,029	10,083	31.0
GROUND LEVEL	kg		*18,247	11,841	*13,353	8,048	*10,575	6,035	8,202	4,776	7,962	4,646	9.2
	lb		*40,228	26,104	*29,438	17,743	*23,313	13,305	18,083	10,530	17,553	10,243	30.0
-1.5 (-5 ft)	kg	*15,064	*15,064	*17,779	11,793	*13,353	7,939	10,504	5,963		8,581	4,977	8.7
	lb	*33,210	*33,210	*39,197	25,999	*29,438	17,503	23,158	13,145		18,919	10,972	29.0
-3.0 (-10 ft)	kg	*22,032	*22,032	*16,332	11,936	*12,505	7,995	*9,673	6,029		*8,909	5,679	7.9
	lb	*48,573	*48,573	*36,005	26,314	*27,569	17,626	*21,326	13,291		*19,641	12,520	26.0
-4.5 (-15 ft)	kg	*17,734	*17,734	*13,554	12,272	*10,284	8,245				*8,699	7,201	6.7
	lb	*39,098	*39,098	*29,882	27,056	*22,673	18,177				*19,177	15,875	22.0

LIFTING CAPACITY															
936F with 600 mm (24") Shoes, 6,400 mm (21') Boom, 2,900 mm (9'6") Arm										Conditions					
A: Load radius B: Load point height C: Lifting capacity rating Cf: Rating loads over front Cs: Rating loads over side or 360°										Boom length: 6,400 mm (21') Arm length: 2,900 mm (9'6") Shoes: 600 mm (24") Bucket: None Unit: kg					
															
A (Unit: m)															
B (m)	3		4.5		6		7.5		9		MAX REACH		A (m)		
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs			
6.0 (20 ft)	kg						*8,501	6,777			*8,156	5,853		8.2	
	lb						*18,740	14,940			*17,981	12,904		27.0	
4.5 (15 ft)	kg			*12,911	*12,911	*10,290	9,103	*8,982	6,581			*7,922		5,147	8.8
	lb			*28,464	*28,464	*22,686	20,070	*19,802	14,508			*17,465		11,348	29.0
3.0 (10 ft)	kg			*15,911	12,609	*11,677	8,568	*9,664	6,319	8,275	4,872	*8,051		4,791	9.1
	lb			*35,077	27,797	*25,743	18,889	*21,306	13,931	18,243	10,740	*17,748		10,563	30.0
1.5 (5 ft)	kg			*17,828	11,811	*12,833	8,121	*10,290	6,077	8,159	4,767	8,032		4,696	9.1
	lb			*39,304	26,040	*28,292	17,903	*22,685	13,398	17,987	10,510	17,708		10,354	30.0
GROUND LEVEL	kg			*18,167	11,546	*13,403	7,860	10,408	5,916			8,217		4,775	8.9
	lb			*40,052	25,454	*29,548	17,329	22,947	13,042			18,115		10,527	29.0
-1.5 (-5 ft)	kg	*15,508	*15,508	*17,457	11,557	*13,246	7,786	10,355	5,869			8,890		5,132	8.4
	lb	*34,188	*34,188	*38,487	25,479	*29,203	17,165	22,829	12,940			19,599		11,315	28.0
-3.0 (-10 ft)	kg	*20,689	*20,689	*15,796	11,747	*12,199	7,881					*9,285		5,987	7.5
	lb	*45,612	*45,612	*34,823	25,898	*26,895	17,374					*20,471		13,199	25.0
-4.5 (-15 ft)	kg	*16,171	*16,171	*12,694	12,145	*9,507	8,206					*8,760		7,740	6.3
	lb	*35,650	*35,650	*27,984	26,776	*20,960	18,092					*19,313		17,064	21.0

LIFTING CAPACITY													
936F with 700 mm (28") Shoes, 6,400 mm (21') Boom, 2,900 (9'6") mm Arm										Conditions			
A: Load radius B: Load point height C: Lifting capacity rating Cf: Rating loads over front Cs: Rating loads over side or 360°										Boom length: 6,400 mm (21') Arm length: 2,900 mm (9'6") Shoes: 700 mm (28") Bucket: None Unit: kg			
													
A (Unit: m)													
B (m)	3		4.5		6		7.5		9		MAX REACH		A (m)
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
6.0 (20 ft)	kg						*8,501	6,885			*8,156	5,950	8.2
	lb						*18,740	15,178			*17,981	13,118	27.0
4.5 (15 ft)	kg		*12,911	*12,911	*10,290	9,246	*8,982	6,688			*7,922	5,236	8.8
	lb		*28,464	*28,464	*22,686	20,383	*19,802	14,745			*17,465	11,544	29.0
3.0 (10 ft)	kg		*15,911	12,817	*11,677	8,710	*9,664	6,427	8,405	4,959	*8,051	4,877	9.1
	lb		*35,077	28,258	*25,743	19,203	*21,306	14,169	18,530	10,932	*17,748	10,752	30.0
1.5 (5 ft)	kg		*17,828	12,020	*12,833	8,263	*10,290	6,185	8,289	4,854	8,160	4,782	9.1
	lb		*39,304	26,500	*28,292	18,217	*22,685	13,636	18,274	10,702	17,990	10,543	30.0
GROUND LEVEL	kg		*18,167	11,754	*13,403	8,002	10,574	6,024			8,349	4,863	8.9
	lb		*40,052	25,914	*29,548	17,642	23,313	13,280			18,406	10,721	29.0
-1.5 (-5 ft)	kg	*15,508	*15,508	*17,457	11,766	*13,246	7,928	*10,454	5,977		9,032	5,226	8.4
	lb	*34,188	*34,188	*38,487	25,940	*29,203	17,478	*23,048	13,178		19,913	11,522	28.0
-3.0 (-10 ft)	kg	*20,689	*20,689	*15,796	11,956	*12,199	8,023				*9,285	6,095	7.5
	lb	*45,612	*45,612	*34,823	26,358	*26,895	17,688				*20,471	13,437	25.0
-4.5 (-15 ft)	kg	*16,171	*16,171	*12,694	12,354	*9,507	8,348				*8,760	7,874	6.3
	lb	*35,650	*35,650	*27,984	27,236	*20,960	18,405				*19,313	17,359	21.0

LIFTING CAPACITY												
936F with 600 mm (24") Shoes, 6,400 mm (21') Boom, 2,600 mm (8'6") Arm								Conditions				
A: Load radius B: Load point height C: Lifting capacity rating Cf: Rating loads over front Cs: Rating loads over side or 360°								Boom length: 6,400 mm (21') Arm length: 2,600 mm (8'6") Shoes: 600 mm (24") Bucket: None Unit: kg				
A (Unit: m)												
B (m)	3		4.5		6		7.5		MAX REACH		A (m)	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs		
6.0 (20 ft)	kg				*9,545	9,480	*8,842	6,721	*8,789	6,168	7.9	
	lb				*21,042	20,900	*19,494	14,817	*19,377	13,598	26.0	
4.5 (15 ft)	kg		*13,533	*13,533	*10,644	9,013	*9,249	6,539	*8,775	5,404	8.5	
	lb		*29,835	*29,835	*23,465	19,871	*20,391	14,416	*19,347	11,915	28.0	
3.0 (10 ft)	kg		*16,443	12,340	*11,956	8,476	*9,869	6,284	8,541	5,020	8.8	
	lb		*36,252	27,205	*26,359	18,686	*21,758	13,855	18,830	11,067	29.0	
1.5 (5 ft)	kg		*18,007	11,634	*12,995	8,047	*10,420	6,054	8,427	4,917	8.8	
	lb		*39,699	25,649	*28,650	17,740	*22,973	13,347	18,578	10,840	29.0	
GROUND LEVEL	kg		*17,988	11,468	*13,419	7,818	10,404	5,912	8,632	5,004	8.6	
	lb		*39,656	25,283	*29,585	17,236	22,937	13,034	19,030	11,033	28.0	
-1.5 (-5 ft)	kg	*15,854	*15,854	*17,057	11,537	*13,103	7,780	*10,338	5,896	*9,336	5,400	8.1
	lb	*34,953	*34,953	*37,605	25,434	*28,888	17,153	*22,792	12,999	*20,582	11,905	27.0
-3.0 (-10 ft)	kg	*19,213	*19,213	*15,194	11,775	*11,840	7,920			*9,429	6,354	7.2
	lb	*42,357	*42,357	*33,497	25,958	*26,104	17,461			*20,787	14,009	24.0
-4.5 (-15 ft)	kg			*11,732	*11,732					*8,979	8,702	5.8
	lb			*25,865	*25,865					*19,796	19,185	19.0



LIFTING CAPACITY

936F with 700 mm (28") Shoes, 6,400 mm (21') Boom, 2,600 mm (8'6") 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: 6,400 mm (21')

Arm length: 2,600 mm (8'6")

Shoes: 700 mm (28")


Bucket: None


Unit: kg




A (Unit: m)


B (m)	3		4.5		6		7.5		MAX REACH		A (m)	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs		
6.0 (20 ft)	kg				*9,545	*9,545	*8,842	6,829	*8,789	6,269	7.9	
	lb					*21,042	*21,042	*19,494	15,055	*19,377	13,821	26.0
4.5 (15 ft)	kg			*13,533	*13,533	*10,644	9,156	*9,249	6,647	*8,775	5,497	8.5
	lb			*29,835	*29,835	*23,465	20,185	*20,391	14,654	*19,347	12,119	28.0
3.0 (10 ft)	kg			*16,443	12,549	*11,956	8,618	*9,869	6,392	8,675	5,109	8.8
	lb			*36,252	27,665	*26,359	18,999	*21,758	14,092	19,126	11,263	29.0
1.5 (5 ft)	kg			*18,007	11,843	*12,995	8,189	*10,420	6,162	8,561	5,006	8.8
	lb			*39,699	26,109	*28,650	18,054	*22,973	13,585	18,873	11,037	29.0
GROUND LEVEL	kg			*17,988	11,677	*13,419	7,960	10,570	6,020	8,770	5,096	8.6
	lb			*39,656	25,743	*29,585	17,550	23,303	13,272	19,335	11,235	28.0
-1.5 (-5 ft)	kg	*15,854	*15,854	*17,057	11,746	*13,103	7,922	*10,338	6,004	*9,336	5,498	8.1
	lb	*34,953	*34,953	*37,605	25,894	*28,888	17,466	*22,792	13,236	*20,582	12,122	27.0
-3.0 (-10 ft)	kg	*19,213	*19,213	*15,194	11,983	*11,840	8,063			*9,429	6,468	7.2
	lb	*42,357	*42,357	*33,497	26,419	*26,104	17,775			*20,787	14,259	24.0
-4.5 (-15 ft)	kg			*11,732	*11,732					*8,979	8,851	5.8
	lb			*25,865	*25,865					*19,796	19,512	19.0

LIFTING CAPACITY													
939F with 600 mm (24") Shoes, 6,400 mm (21') Boom, 3,200 mm (10'6") Arm										Conditions			
A: Load radius B: Load point height C: Lifting capacity rating Cf: Rating loads over front Cs: Rating loads over side or 360°										Boom length: 6,400 mm (21') Arm length: 3,200 mm (10'6") Shoes: 600 mm (24") Bucket: None 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 (20 ft)	kg						*8,170	7,101			*7,295	5,797	8.5
	lb						*18,012	15,656			*16,082	12,780	28.0
4.5 (15 ft)	kg				*9,921	9,551	*8,711	6,896	*7,866	5,218	*6,900	5,124	9.1
	lb				*21,871	21,057	*19,204	15,202	*17,343	11,504	*15,212	11,296	30.0
3.0 (10 ft)	kg		*15,350	13,381	*11,374	9,017	*9,449	6,628	*8,377	5,109	*8,025	4,864	9.3
	lb		*33,841	29,499	*25,076	19,879	*20,831	14,613	*18,467	11,262	*17,692	10,723	31.0
1.5 (5 ft)	kg		*17,566	12,511	*12,641	8,552	*10,145	6,376	8,487	4,987	*7,724	4,697	9.4
	lb		*38,727	27,582	*27,869	18,855	*22,365	14,056	18,711	10,995	*17,029	10,356	31.0
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
	lb		*40,228	26,794	*29,438	18,213	*23,313	13,661	18,513	10,817	17,972	10,523	30.0
-1.5 (-5 ft)	kg	*15,064	*15,064	*17,779	12,106	*13,353	8,153	*10,532	6,124		*8,768	5,112	8.7
	lb	*33,210	*33,210	*39,197	26,689	*29,438	17,974	*23,220	13,502		*19,331	11,271	29.0
-3.0 (-10 ft)	kg	*22,032	*22,032	*16,332	12,249	*12,505	8,208	*9,673	6,191		*8,909	5,831	7.9
	lb	*48,573	*48,573	*36,005	27,004	*27,569	18,096	*21,326	13,648		*19,641	12,855	26.0
-4.5 (-15 ft)	kg	*17,734	*17,734	*13,554	12,586	*10,284	8,458				*8,699	7,386	6.7
	lb	*39,098	*39,098	*29,882	27,746	*22,673	18,647				*19,177	16,284	22.0

LIFTING CAPACITY														
939F with 700 mm (28") Shoes, 6,400 mm (21') Boom, 3,200 mm (10'6") Arm								Conditions						
A: Load radius B: Load point height C: Lifting capacity rating Cf: Rating loads over front Cs: Rating loads over side or 360°								Boom length: 6,400 mm (21') Arm length: 3,200 mm (10'6") Shoes: 700 mm (28") Bucket: None Unit: kg						
A (Unit: m)														
B (m)	3		4.5		6		7.5		9		MAX REACH		A (m)	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs		
6.0 (20 ft)	kg						*8,170	7,209			*7,295	5,890	8.5	
	lb						*18,012	15,893			*16,082	12,985	28.0	
4.5 (15 ft)	kg				*9,921	9,693	*8,711	7,004	*7,866	5,305	*6,900	5,210	9.1	
	lb				*21,871	21,370	*19,204	15,440	*17,343	11,695	*15,212	11,485	30.0	
3.0 (10 ft)	kg		*15,350	13,589	*11,374	9,159	*9,449	6,736	*8,377	5,195	*8,025	4,947	9.3	
	lb		*33,841	29,959	*25,076	20,193	*20,831	14,851	*18,467	11,454	*17,692	10,907	31.0	
1.5 (5 ft)	kg		*17,566	12,720	*12,641	8,695	*10,145	6,483	8,617	5,074	*7,724	4,780	9.4	
	lb		*38,727	28,042	*27,869	19,168	*22,365	14,294	18,998	11,187	*17,029	10,538	31.0	
GROUND LEVEL	kg		*18,247	12,362	*13,353	8,403	*10,575	6,304	8,528	4,993	*8,272	4,858	9.2	
	lb		*40,228	27,255	*29,438	18,526	*23,313	13,899	18,800	11,008	*18,238	10,710	30.0	
-1.5 (-5 ft)	kg	*15,064	*15,064	*17,779	12,315	*13,353	8,295	*10,532	6,232		*8,768	5,203	8.7	
	lb	*33,210	*33,210	*39,197	27,149	*29,438	18,287	*23,220	13,739		*19,331	11,470	29.0	
-3.0 (-10 ft)	kg	*22,032	*22,032	*16,332	12,458	*12,505	8,350	*9,673	6,298		*8,909	5,932	7.9	
	lb	*48,573	*48,573	*36,005	27,465	*27,569	18,410	*21,326	13,886		*19,641	13,079	26.0	
-4.5 (-15 ft)	kg	*17,734	*17,734	*13,554	12,794	*10,284	8,600				*8,699	7,510	6.7	
	lb	*39,098	*39,098	*29,882	28,207	*22,673	18,961				*19,177	16,557	22.0	

LIFTING CAPACITY													
939F with 600 mm (24") Shoes, 6,400 mm (21') Boom, 2,900 mm (9'6") Arm									Conditions				
A: Load radius B: Load point height C: Lifting capacity rating Cf: Rating loads over front Cs: Rating loads over side or 360°									Boom length: 6,400 mm (21') Arm length: 2,900 mm (9'6") Shoes: 600 mm (24") Bucket: None 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 (20 ft)	kg						*8,501	7,046			*8,156	6,096	8.2
	lb						*18,740	15,535			*17,981	13,438	27.0
4.5 (15 ft)	kg		*12,911	*12,911	*10,290	9,459	*8,982	6,850			*7,922	5,370	8.8
	lb		*28,464	*28,464	*22,686	20,853	*19,802	15,102			*17,465	11,839	29.0
3.0 (10 ft)	kg		*15,911	13,131	*11,677	8,923	*9,664	6,589	*8,565	5,089	*8,051	5,005	9.1
	lb		*35,077	28,948	*25,743	19,673	*21,306	14,525	*18,883	11,219	*17,748	11,035	30.0
1.5 (5 ft)	kg		*17,828	12,333	*12,833	8,476	*10,290	6,347	8,484	4,984	8,353	4,911	9.1
	lb		*39,304	27,190	*28,292	18,687	*22,685	13,992	18,704	10,989	18,414	10,826	30.0
GROUND LEVEL	kg		*18,167	12,068	*13,403	8,216	*10,628	6,185			8,547	4,995	8.9
	lb		*40,052	26,604	*29,548	18,112	*23,430	13,637			18,843	11,011	29.0
-1.5 (-5 ft)	kg	*15,508	*15,508	*17,457	12,079	*13,246	8,141	*10,454	6,139		*9,050	5,368	8.4
	lb	*34,188	*34,188	*38,487	26,630	*29,203	17,948	*23,048	13,534		*19,951	11,834	28.0
-3.0 (-10 ft)	kg	*20,689	*20,689	*15,796	12,269	*12,199	8,236				*9,285	6,257	7.5
	lb	*45,612	*45,612	*34,823	27,049	*26,895	18,158				*20,471	13,794	25.0
-4.5 (-15 ft)	kg	*16,171	*16,171	*12,694	12,667	*9,507	8,562				*8,760	8,074	6.3
	lb	*35,650	*35,650	*27,984	27,926	*20,960	18,875				*19,313	17,801	21.0



LIFTING CAPACITY														
939F with 700 mm (28") Shoes, 6,400 mm (21') Boom, 2,900 mm (9'6") Arm										Conditions				
A: Load radius B: Load point height C: Lifting capacity rating Cf: Rating loads over front Cs: Rating loads over side or 360°										Boom length: 6,400 mm (21') Arm length: 2,900 mm (9'6") Shoes: 700 mm (28") Bucket: None Unit: kg				
														
A (Unit: m)														
B (m)	3		4.5		6		7.5		9		MAX REACH		A (m)	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs		
6.0 (20 ft)	kg						*8,501	7,154			*8,156	6,192	8.2	
	lb						*18,740	15,772			*17,981	13,652	27.0	
4.5 (15 ft)	kg			*12,911	*12,911	*10,290	9,601	*8,982	6,958			*7,922	5,459	8.8
	lb			*28,464	*28,464	*22,686	21,167	*19,802	15,339			*17,465	12,036	29.0
3.0 (10 ft)	kg			*15,911	13,339	*11,677	9,066	*9,664	6,696	*8,565	5,176	*8,051	5,091	9.1
	lb			*35,077	29,408	*25,743	19,986	*21,306	14,763	*18,883	11,410	*17,748	11,224	30.0
1.5 (5 ft)	kg			*17,828	12,542	*12,833	8,618	*10,290	6,455	8,614	5,071	8,481	4,996	9.1
	lb			*39,304	27,650	*28,292	19,000	*22,685	14,230	18,991	11,180	18,697	11,015	30.0
GROUND LEVEL	kg			*18,167	12,276	*13,403	8,358	*10,628	6,293			8,679	5,083	8.9
	lb			*40,052	27,065	*29,548	18,426	*23,430	13,874			19,134	11,205	29.0
-1.5 (-5 ft)	kg	*15,508	*15,508	*17,457	12,288	*13,246	8,283	*10,454	6,247			*9,050	5,462	8.4
	lb	*34,188	*34,188	*38,487	27,090	*29,203	18,262	*23,048	13,772			*19,951	12,041	28.0
-3.0 (-10 ft)	kg	*20,689	*20,689	*15,796	12,478	*12,199	8,378					*9,285	6,365	7.5
	lb	*45,612	*45,612	*34,823	27,509	*26,895	18,471					*20,471	14,031	25.0
-4.5 (-15 ft)	kg	*16,171	*16,171	*12,694	*12,694	*9,507	8,704					*8,760	8,208	6.3
	lb	*35,650	*35,650	*27,984	*27,984	*20,960	19,189					*19,313	18,095	21.0

LIFTING CAPACITY

939F with 600 mm (24") Shoes, 6,400 mm (21') Boom, 2,600 mm (8'6") 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: 6,400 mm (21')

Arm length: 2,600 mm (8'6")

Shoes: 600 mm (24")

Bucket: None

Unit: kg

A (Unit: m)

B (m)		3		4.5		6		7.5		MAX REACH		A (m)
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
6.0 (20 ft)	kg					*9,545	*9,545	*8,842	6,991	*8,789	6,421	7.9
	lb					*21,042	*21,042	*19,494	15,412	*19,377	14,156	26.0
4.5 (15 ft)	kg			*13,533	*13,533	*10,644	9,369	*9,249	6,809	*8,775	5,637	8.5
	lb			*29,835	*29,835	*23,465	20,655	*20,391	15,010	*19,347	12,427	28.0
3.0 (10 ft)	kg			*16,443	12,862	*11,956	8,831	*9,869	6,554	*8,865	5,243	8.8
	lb			*36,252	28,356	*26,359	19,469	*21,758	14,449	*19,545	11,558	29.0
1.5 (5 ft)	kg			*18,007	12,156	*12,995	8,402	*10,420	6,324	8,762	5,140	8.8
	lb			*39,699	26,800	*28,650	18,524	*22,973	13,941	19,316	11,332	29.0
GROUND LEVEL	kg			*17,988	11,990	*13,419	8,174	*10,661	6,182	8,977	5,233	8.6
	lb			*39,656	26,433	*29,585	18,020	*23,504	13,628	19,791	11,538	28.0
-1.5 (-5 ft)	kg	*15,854	*15,854	*17,057	12,059	*13,103	8,136	*10,338	6,166	*9,336	5,646	8.1
	lb	*34,953	*34,953	*37,605	26,585	*28,888	17,936	*22,792	13,593	*20,582	12,447	27.0
-3.0 (-10 ft)	kg	*19,213	*19,213	*15,194	12,296	*11,840	8,276			*9,429	6,638	7.2
	lb	*42,357	*42,357	*33,497	27,109	*26,104	18,245			*20,787	14,634	24.0
-4.5 (-15 ft)	kg			*11,732	*11,732					*8,979	*8,979	5.8
	lb			*25,865	*25,865					*19,796	*19,796	19.0

LIFTING CAPACITY

939F with 700 mm (28") Shoes, 6,400 mm (21') Boom, 2,600 mm (8'6") 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: 6,400 mm (21')

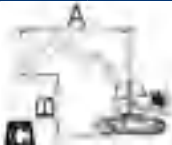
Arm length: 2,600 mm (8'6")

Shoes: 700 mm (28")


Bucket: None


Unit: kg


A (Unit: m)												
B (m)		3		4.5		6		7.5		MAX REACH		A (m)
		Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	
6.0 (20 ft)	kg					*9,545	*9,545	*8,842	7,098	*8,789	6,522	7.9
	lb					*21,042	*21,042	*19,494	15,649	*19,377	14,380	26.0
4.5 (15 ft)	kg			*13,533	*13,533	*10,644	9,511	*9,249	6,916	*8,775	5,729	8.5
	lb			*29,835	*29,835	*23,465	20,968	*20,391	15,248	*19,347	12,631	28.0
3.0 (10 ft)	kg			*16,443	13,071	*11,956	8,973	*9,869	6,662	*8,865	5,332	8.8
	lb			*36,252	28,816	*26,359	19,783	*21,758	14,687	*19,545	11,755	29.0
1.5 (5 ft)	kg			*18,007	12,365	*12,995	8,544	*10,420	6,432	8,895	5,229	8.8
	lb			*39,699	27,260	*28,650	18,837	*22,973	14,179	19,611	11,528	29.0
GROUND LEVEL	kg			*17,988	12,199	*13,419	8,316	*10,661	6,289	9,115	5,325	8.6
	lb			*39,656	26,894	*29,585	18,334	*23,504	13,866	20,095	11,740	28.0
-1.5 (-5 ft)	kg	*15,854	*15,854	*17,057	12,267	*13,103	8,278	*10,338	6,273	*9,336	5,744	8.1
	lb	*34,953	*34,953	*37,605	27,045	*28,888	18,250	*22,792	13,831	*20,582	12,664	27.0
-3.0 (-10 ft)	kg	*19,213	*19,213	*15,194	12,505	*11,840	8,418			*9,429	6,751	7.2
	lb	*42,357	*42,357	*33,497	27,569	*26,104	18,559			*20,787	14,883	24.0
-4.5 (-15 ft)	kg			*11,732	*11,732					*8,979	*8,979	5.8
	lb			*25,865	*25,865					*19,796	*19,796	19.0

LIFTING CAPACITY														
942F with 600 mm (24") Shoes, 6,400 mm (21') Boom, 3,200 mm (10'6") Arm										Conditions				
A: Load radius B: Load point height C: Lifting capacity rating Cf: Rating loads over front Cs: Rating loads over side or 360°										Boom length: 6,400 mm (21') Arm length: 3,200 mm (10'6") Shoes: 600 mm (24") Bucket: None Unit: kg				
														
A (Unit: m)														
B (m)	3		4.5		6		7.5		9		MAX REACH		A (m)	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs		
6.0 (20 ft)	kg						*8,170	7,651			*7,295	6,256	8.5	
	lb						*18,012	16,868			*16,082	13,792	28.0	
4.5 (15 ft)	kg				*9,921	*9,921	*8,711	7,443	*7,866	5,641	*6,900	5,541	9.1	
	lb				*21,871	*21,871	*19,204	16,409	*17,343	12,437	*15,212	12,215	30.0	
3.0 (10 ft)	kg			*15,350	14,608	*11,374	9,776	*9,449	7,172	*8,377	5,531	*8,025	5,268	9.3
	lb			*33,841	32,205	*25,076	21,552	*20,831	15,812	*18,467	12,193	*17,692	11,613	31.0
1.5 (5 ft)	kg			*17,566	13,717	*12,641	9,304	*10,145	6,917	*8,674	5,408	*7,724	5,095	9.4
	lb			*38,727	30,241	*27,869	20,511	*22,365	15,248	*19,122	11,923	*17,029	11,232	31.0
GROUND LEVEL	kg			*18,247	13,352	*13,353	9,008	*10,575	6,735	*8,769	5,327	*8,272	5,181	9.2
	lb			*40,228	29,435	*29,438	19,859	*23,313	14,849	*19,333	11,743	*18,238	11,423	30.0
-1.5 (-5 ft)	kg	*15,064	*15,064	*17,779	13,303	*13,353	8,898	*10,532	6,662			*8,768	5,552	8.7
	lb	*33,210	*33,210	*39,197	29,327	*29,438	19,616	*23,220	14,688			*19,331	12,240	29.0
-3.0 (-10 ft)	kg	*22,032	*22,032	*16,332	13,449	*12,505	8,954	*9,673	6,729			*8,909	6,333	7.9
	lb	*48,573	*48,573	*36,005	29,650	*27,569	19,740	*21,326	14,836			*19,641	13,961	26.0
-4.5 (-15 ft)	kg	*17,734	*17,734	*13,554	*13,554	*10,284	9,208					*8,699	8,023	6.7
	lb	*39,098	*39,098	*29,882	*29,882	*22,673	20,301					*19,177	17,687	22.0



LIFTING CAPACITY														
942F with 700 mm (28") Shoes, 6,400 mm (21') Boom, 3,200 mm (10'6") Arm										Conditions				
A: Load radius B: Load point height C: Lifting capacity rating Cf: Rating loads over front Cs: Rating loads over side or 360°										Boom length: 6,400 mm (21') Arm length: 3,200 mm (10'6") Shoes: 700 mm (28") Bucket: None Unit: kg				
														
A (Unit: m)														
B (m)	3		4.5		6		7.5		9		MAX REACH		A (m)	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs		
6.0 (20 ft)	kg						*8,170	7,764			*7,295	6,353	8.5	
	lb						*18,012	17,116			*16,082	14,006	28.0	
4.5 (15 ft)	kg				*9,921	*9,921	*8,711	7,556	*7,866	5,732	*6,900	5,630	9.1	
	lb				*21,871	*21,871	*19,204	16,658	*17,343	12,637	*15,212	12,412	30.0	
3.0 (10 ft)	kg		*15,350	14,829	*11,374	9,925	*9,449	7,285	*8,377	5,621	*8,025	5,355	9.3	
	lb		*33,841	32,692	*25,076	21,882	*20,831	16,061	*18,467	12,393	*17,692	11,806	31.0	
1.5 (5 ft)	kg		*17,566	13,938	*12,641	9,453	*10,145	7,029	*8,674	5,499	*7,724	5,181	9.4	
	lb		*38,727	30,728	*27,869	20,841	*22,365	15,497	*19,122	12,123	*17,029	11,421	31.0	
GROUND LEVEL	kg		*18,247	13,572	*13,353	9,157	*10,575	6,848	*8,769	5,417	*8,272	5,270	9.2	
	lb		*40,228	29,922	*29,438	20,188	*23,313	15,098	*19,333	11,943	*18,238	11,617	30.0	
-1.5 (-5 ft)	kg	*15,064	*15,064	*17,779	13,523	*13,353	9,047	*10,532	6,775		*8,768	5,646	8.7	
	lb	*33,210	*33,210	*39,197	29,814	*29,438	19,945	*23,220	14,936		*19,331	12,448	29.0	
-3.0 (-10 ft)	kg	*22,032	*22,032	*16,332	13,670	*12,505	9,103	*9,673	6,842		*8,909	6,438	7.9	
	lb	*48,573	*48,573	*36,005	30,137	*27,569	20,070	*21,326	15,084		*19,641	14,194	26.0	
-4.5 (-15 ft)	kg	*17,734	*17,734	*13,554	*13,554	*10,284	9,358				*8,699	8,152	6.7	
	lb	*39,098	*39,098	*29,882	*29,882	*22,673	20,630				*19,177	17,973	22.0	

LIFTING CAPACITY														
942F with 600 mm (24") Shoes, 6,400 mm (21') Boom, 2,900 mm (9'6") Arm										Conditions				
A: Load radius B: Load point height C: Lifting capacity rating Cf: Rating loads over front Cs: Rating loads over side or 360°										Boom length: 6,400 mm (21') Arm length: 2,900 mm (9'6") Shoes: 600 mm (24") Bucket: None Unit: kg				
														
A (Unit: m)														
B (m)	3		4.5		6		7.5		9		MAX REACH		A (m)	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs		
6.0 (20 ft)	kg						*8,501	7,596			*8,156	6,578	8.2	
	lb						*18,740	16,745			*17,981	14,502	27.0	
4.5 (15 ft)	kg			*12,911	*12,911	*10,290	10,225	*8,982	7,397			*7,922	5,806	8.8
	lb			*28,464	*28,464	*22,686	22,542	*19,802	16,307			*17,465	12,801	29.0
3.0 (10 ft)	kg			*15,911	14,352	*11,677	9,681	*9,664	7,132	*8,565	5,511	*8,051	5,421	9.1
	lb			*35,077	31,640	*25,743	21,343	*21,306	15,724	*18,883	12,149	*17,748	11,952	30.0
1.5 (5 ft)	kg			*17,828	13,535	*12,833	9,226	*10,290	6,887	*8,780	5,405	*8,697	5,326	9.1
	lb			*39,304	29,840	*28,292	20,341	*22,685	15,184	*19,357	11,917	*19,173	11,741	30.0
GROUND LEVEL	kg			*18,167	13,263	*13,403	8,962	*10,628	6,724			*8,867	5,421	8.9
	lb			*40,052	29,240	*29,548	19,757	*23,430	14,824			*19,548	11,952	29.0
-1.5 (-5 ft)	kg	*15,508	*15,508	*17,457	13,275	*13,246	8,886	*10,454	6,677			*9,050	5,829	8.4
	lb	*34,188	*34,188	*38,487	29,267	*29,203	19,590	*23,048	14,720			*19,951	12,850	28.0
-3.0 (-10 ft)	kg	*20,689	*20,689	*15,796	13,470	*12,199	8,983					*9,285	6,796	7.5
	lb	*45,612	*45,612	*34,823	29,696	*26,895	19,803					*20,471	14,983	25.0
-4.5 (-15 ft)	kg	*16,171	*16,171	*12,694	*12,694	*9,507	9,313					*8,760	*8,760	6.3
	lb	*35,650	*35,650	*27,984	*27,984	*20,960	20,532					*19,313	*19,313	21.0

LIFTING CAPACITY														
942F with 700 mm (28") Shoes, 6,400 mm (21') Boom, 2,900 mm (9'6") Arm										Conditions				
A: Load radius B: Load point height C: Lifting capacity rating Cf: Rating loads over front Cs: Rating loads over side or 360°										Boom length: 6,400 mm (21') Arm length: 2,900 mm (9'6") Shoes: 700 mm (28") Bucket: None Unit: kg				
														
A (Unit: m)														
B (m)	3		4.5		6		7.5		9		MAX REACH		A (m)	
	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs	Cf	Cs		
6.0 (20 ft)	kg						*8,501	7,708			*8,156	6,679	8.2	
	lb						*18,740	16,994			*17,981	14,725	27.0	
4.5 (15 ft)	kg		*12,911	*12,911	*10,290	*10,290	*8,982	7,510			*7,922	5,899	8.8	
	lb		*28,464	*28,464	*22,686	*22,686	*19,802	16,556			*17,465	13,006	29.0	
3.0 (10 ft)	kg		*15,911	14,573	*11,677	9,830	*9,664	7,245	*8,565	5,601	*8,051	5,511	9.1	
	lb		*35,077	32,127	*25,743	21,672	*21,306	15,972	*18,883	12,349	*17,748	12,149	30.0	
1.5 (5 ft)	kg		*17,828	13,756	*12,833	9,376	*10,290	7,000	*8,780	5,496	*8,697	5,415	9.1	
	lb		*39,304	30,327	*28,292	20,670	*22,685	15,433	*19,357	12,117	*19,173	11,938	30.0	
GROUND LEVEL	kg		*18,167	13,484	*13,403	9,111	*10,628	6,837			*8,867	5,513	8.9	
	lb		*40,052	29,728	*29,548	20,086	*23,430	15,073			*19,548	12,154	29.0	
-1.5 (-5 ft)	kg	*15,508	*15,508	*17,457	13,496	*13,246	9,035	*10,454	6,790		*9,050	5,927	8.4	
	lb	*34,188	*34,188	*38,487	29,754	*29,203	19,920	*23,048	14,969		*19,951	13,067	28.0	
-3.0 (-10 ft)	kg	*20,689	*20,689	*15,796	13,691	*12,199	9,132				*9,285	6,909	7.5	
	lb	*45,612	*45,612	*34,823	30,183	*26,895	20,132				*20,471	15,232	25.0	
-4.5 (-15 ft)	kg	*16,171	*16,171	*12,694	*12,694	*9,507	9,463				*8,760	*8,760	6.3	
	lb	*35,650	*35,650	*27,984	*27,984	*20,960	20,862				*19,313	*19,313	21.0	

STANDARD EQUIPMENT

LIFTING CAPACITY

942F with 700 mm (28") Shoes, 6,400 mm (21') Boom, 2,600 mm (8'6") 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: 6,400 mm (21')
Arm length: 2,600 mm (8'6")
Shoes: 700 mm (28")
Bucket: None
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
6.0 (20 ft)	kg				*9,545	*9,545	*8,842	7,652	*8,789	7,035
	lb				*21,042	*21,042	*19,494	16,869	*19,377	15,510
4.5 (15 ft)	kg		*13,533	*13,533	*10,644	10,283	*9,249	7,468	*8,775	6,191
	lb		*29,835	*29,835	*23,465	22,670	*20,391	16,463	*19,347	13,648
3.0 (10 ft)	kg		*16,443	14,298	*11,956	9,736	*9,869	7,210	*8,865	5,771
	lb		*36,252	31,521	*26,359	21,465	*21,758	15,895	*19,545	12,722
1.5 (5 ft)	kg		*18,007	13,575	*12,995	9,301	*10,420	6,977	*9,048	5,667
	lb		*39,699	29,928	*28,650	20,504	*22,973	15,381	*19,947	12,493
GROUND LEVEL	kg		*17,988	13,405	*13,419	9,068	*10,661	6,833	*9,204	5,776
	lb		*39,656	29,553	*29,585	19,992	*23,504	15,064	*20,290	12,734
-1.5 (-5 ft)	kg	*15,854	*15,854	*17,057	13,475	*13,103	9,030	*10,338	6,817	*9,336
	lb	*34,953	*34,953	*37,605	29,707	*28,888	19,907	*22,792	15,028	*20,582
-3.0 (-10 ft)	kg	*19,213	*19,213	*15,194	13,719	*11,840	9,172		*9,429	7,328
	lb	*42,357	*42,357	*33,497	30,244	*26,104	20,221		*20,787	16,156
-4.5 (-15 ft)	kg			*11,732	*11,732				*8,979	*8,979
	lb			*25,865	*25,865				*19,796	*19,796

ENGINE SYSTEM

930F 930F DM 936F 939F DM 942F

Cummins B6.7 engine, Rate power 173kW,EPA Tier 4F/EU Stage V, turbocharged, 6 cylinder, 4 stroke, water cooled.

Cummins L9 engine, Rate power 231kW,EPA Tier 4F/EU Stage V, turbocharged, 6 cylinder, 4 stroke, water cooled.

Engine overheat prevention system

Auto-idle speed control

Automatic engine shutdown

Radial seal air filters (primary and secondary filter)

Cleanable metal fuel tank

Fuel pre-filter with water separator and water detection

Electric fuel lifting pump

Remote engine oil filter

Variable fan with viscous clutch

Removable Radiator dustproof net

Air conditioner compressor belt automatic tense

Cold starting kit for -20° C

Engine oil low pressure protection

Automatic warming up

Coolant level warning

Supercharger thermal protection

DEF level alarm

Fuel pressure differential gauge

Air prefilter

Warning for air filter block

Drain coolant at outer side of radiator

Coolant level observed on ground

Easy to drain engine oil (bottom cover with drain valve)

Fuel shut-off valve

Water drainable fuel tank(with water valve)

HYDRAULIC SYSTEM

930F 930F DM 936F 939F DM 942F

Full electric control hydraulic system

3-power modes (Power, Standard, Economy)

Power boost function

Pilot control shut-off lever

Pilot accumulator

Low force joystick

Automatic swing parking brake

Swing with anti-reverse function

Boom and arm regeneration circuits

Boom and arm holding valves

Automatic two-speed travel

Automatic travel parking brake

Pressure checking port for main pump

MCV with auxiliary valve

Boom and arm down lock valve

Hydraulic oil level visible

Hydraulic pump with PTO port

OPERATOR STATION	930F	930F DM	936F	939F DM	942F
Pressurized and sealed cab with all-around visibility					
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					
Washable floor mat					
Fire extinguisher					
Safety hammer for cab evacuation					
Green safety glass					
Cab interior lighting					
Cab emergency exit					
Fire extinguisher bracket					
Travel control pedals with removable hand levers					
Sliding upper door window(left-hand cab door)					
Rear view mirror, mounted in the LH cab					

ELECTRICAL SYSTEM	930F	930F DM	936F	939F DM	942F
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 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					
2 stereo speakers					
Battery disconnect switch					
Emergency stop on ground					
Set password for auxiliary hydraulic-flow adjustments					
Work tool flow and pressure programmable memories					
Front window wiper gating switch					

Instantaneous fuel consumption display

2 Batteries

Language display (full graphic and full color display)

Engine auto pre-heater

Plateau mode (plateau adaptive function)

Travel alarm

Auto power boost

UNDERCARRIAGE	930F	930F DM	936F	939F DM	942F
Guard package: HD bottom guard					
Rollers, bottom - 9 each side					
Rollers, top - 2 each side					
Centralized lubrication for swing bearing					
Towing eye on base frame					
Guard package: Heavy-duty travel motor guard					

UPPER STRUCTURE	930F	930F DM	936F	939F DM	942F
Frame handrail					
Punched metal anti-slip plates					
Foot pedal is in engine room					
Engine chamber and main pump chamber separated by fire board					
Side door brace automatically lock					
Rearview mirror mounted in the RH machine					
Lockable tool box					
Grease point in front of platform					
Counterweight reserved rear view instrument installation					

DIGGING EQUIPMENT	930F	930F DM	936F	939F DM	942F
6200 mm boom					
6400 mm boom					
Arm front end with guard bars					
Manual centralized lubrication on boom					
Manual centralized lubrication on arm					
Hammer pipe support					
Quick coupler pipe support					

AIR CONDITIONING SYSTEM	930F	930F DM	936F	939F DM	942F
Automatic air conditioner, heater, defroster					
Refrigerant observation hole on side					
Wind renewal function					

SERVICE AND MAINTENANCE	930F	930F DM	936F	939F DM	942F
Maintenance tool kit					
Maintenance parts package					
Data diagnostic port					
Self-diagnostic system					

OPTIONAL EQUIPMENT

ENGINE SYSTEM

	930F	930F DM	936F	939F DM	942F
Electric re-fueling pump with auto shutoff					
Cold starting kit for -35° C					

HYDRAULIC SYSTEM

	930F	930F DM	936F	939F DM	942F
Hand proportional control auxiliary dual way pipes					
Hand proportional control auxiliary swing pipes	—				
PTO max flow with monitor control	—				
Auxiliary single-double hydraulic lines exchange on the monitor					
Auxiliary dual pipe flow & pressure adjustable					
High pressure quick-coupler pipes					
Low pressure quick-coupler pipes					
Attachment oil drain line	—				
Additional filter for breaker piping					
Boom drift function (Use with holding valves)					
Straight travel with one pedal					
Control pattern-change valve (BHL-SAE)					
Long-life hydraulic oil (replacement cycle 5000h)		—			
PTO pump pipeline	—				
Hammer piping pipeline					

OPERATOR STATION

	930F	930F DM	936F	939F DM	942F
Openable cab front guard	—				
Cab front guard and top guard (falling object protective structure)	—				
Transparent cab skylight					
Sunscreen					
Front window rain visor		—	—	—	—
Left armrest box can be reversed					
2 alarm mounted bracket on cab roof	—				

ELECTRICAL SYSTEM

	930F	930F DM	936F	939F DM	942F
Overload warning device					
Rotating warning light	—		—	—	—
Travel alarm	—	—			
Rotating beacon					
Quicker-coupler opening warning					
Starting code	—				
Right platform working light					
4 boom working lights					
360° view					

Machine rear lighting

Work lights: separately installed LED in front and rear cab (4 front and 2 rear) — — — — —

Work lights: long strip LED light in front and rear cab —

Capability to electrically connect beacon

12V power supply

UNDERCARRIAGE

	930F	930F DM	936F	939F DM	942F
942F undercarriage (Length to center of Rollers 42500mm, Track Gauge 2740mm)	—	—	—	—	
Heavy duty undercarriage (Length to center of Rollers 4140mm,Track Gauge 2590mm)					—
600mm track-shoes with triple grousers					
700mm track-shoes with triple grousers					
800mm track-shoes with triple grousers					
900mm track-shoes with triple grousers					
Auxiliary tarck footrest					
2 piece track guards (each side)					—
3 piece track guards (each side)					—

UPPER STRUCTURE

	930F	930F DM	936F	939F DM	942F
Guard rails of upper frame sides					
Guard fence of upper frame around	—				
Assembly Upper frame guard	—		—		
Standard frame undercover		—	—	—	—
Reinforced frame undercover	—				
5800kg counterweight		—	—	—	—
6700kg counterweight	—		—	—	—
7700kg counterweight	—	—		—	—
8500 kg counterweight	—	—	—		—
9000 kg counterweight	—	—	—	—	

DIGGING EQUIPMENT

	930F	930F DM	936F	939F DM	942F
2600mm short reach arm					
2900mm short reach arm	—	—			
3050 mm arm	—		—	—	—
3200 mm arm	—	—			
Bucket cylinder rod protect	—	—	—		
1.4 m³ general bucket	—	—	—	—	—
1.6 m³ general bucket	—	—	—	—	—
1.8 m³ general bucket	—	—	—	—	—
2.0 m³ general bucket (need 2600mm arm or 2900mm arm)	—	—	—	—	—
Hydraulic quick coupler	—	—	—	—	—

SERVICE AND MAINTENANCE

	930F	930F DM	936F	939F DM	942F
iLink					



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Engine	Cummins L9
Rated Power	231 kW (310 hp / 314 ps) @ 2,100 rpm
Net Power	219 kW (294 hp / 298 ps) @ 2,100 rpm
Maximum Dig Depth	7,340 mm (24'1")
Standard Bucket Capacity	1.6 m ³ (2.09 yd ³)
Operating Weight	38,500 kg (84,878 lbs)

939E EXCAVATOR

TOUGH WORLD. TOUGH EQUIPMENT.

PERFORMANCE PARAMETERS

Operating Weight	38,500 kg (84,878 lbs)
Std. Bucket Heaped Capacity	1.6 m³ (2.09 yd³)
Maximum Travel Speed	5.5 km/h (3.4 mph)
Swing Speed	10 rpm
Drawbar Pull	320 kN (71,939 lbf)
Bucket Digging Force (ISO)	252 kN (56,652 lbf)
Arm Digging Force (ISO)	185 kN (41,590 lbf)

ENGINE

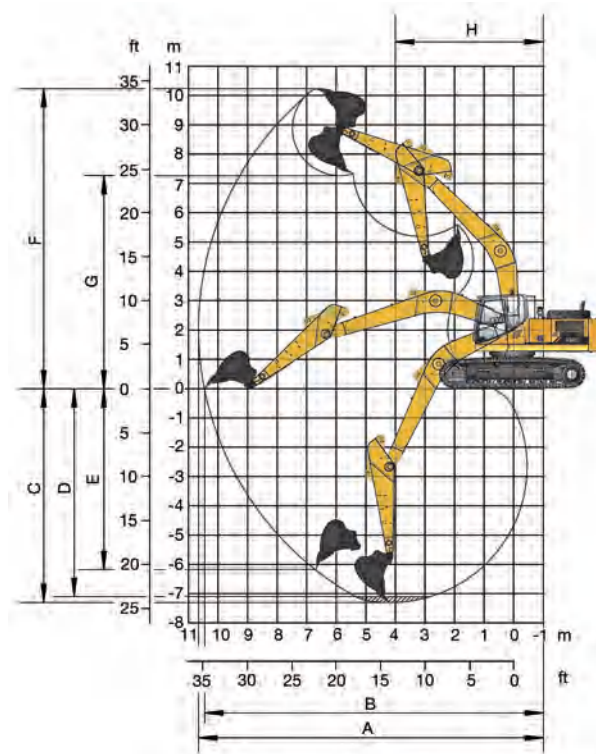
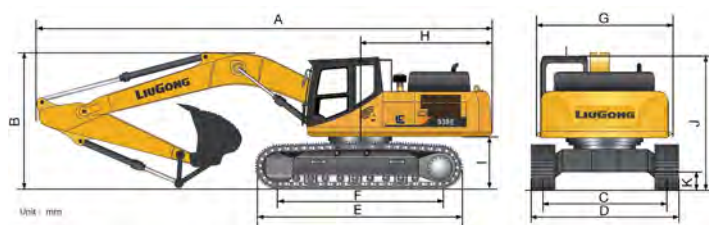
Emission Regulation	EU Stage V
Manufacturer	Cummins
Model	L9
Rated Power	231 kW (310 hp / 314 ps) @ 2,100 rpm
Net Power	219 kW (294 hp / 298 ps) @ 2,100 rpm
Peak Torque	1,526 N·m (1,126 lbf) @ 1,400 rpm
Number of Cylinders	6
Displacement	8.9 L (2.35 gal)

UNDERCARRIAGE

Number of Shoes per Side	48
Number of Upper Rollers per Side	2
Number of Bottom Rollers per Side	9

DIMENSIONS

A Shipping Length	11,167 mm (10'6")
B Shipping Height	3,530 mm (11'7")
C Track Gauge	2,590 mm (8'6")
D Undercarriage Width	3,190 mm (10'6")
E Track Length	4,944 mm (16'3")
F Length to Center of Rollers	4,050 mm (13'3")
G Overall Width of Upper Structure	3,163 mm (10'5")
H Tail Swing Radius	3,550 mm (11'8")
I Counterweight Ground Clearance	1,172 mm (3'10")
J Overall Height of Cab	3,318 mm (10'11")
K Min. Ground Clearance	532 mm (1'9")



WORKING RANGE

Boom Length	6,400 mm (21')
Arm Length	3,200 mm (10'6")
A Max. Digging Reach	11,100 mm (36'5")
B Max. Digging Reach on Ground	10,900 mm (35'9")
C Max. Digging Depth	7,340 mm (24'1")
D Max. Digging Depth, 2.44 m (8') level	7,180 mm (23'7")
E Max. Vertical Wall Digging Depth	6,460 mm (21'2")
F Max. Cutting Height	10,240 mm (33'7")
G Max. Dumping Height	7,160 mm (23'6")
H Min. Front Swing Radius	4,465 mm (14'8")

HYDRAULIC SYSTEM

Main Pumps Total Flow	2 × 300 L/min (2 × 79.3 gal)
Relief Pressure, main	34.3 MPa (4,975 PSI)

SERVICE CAPACITIES

Fuel Tank	620 L (163.8 gal)
Engine Oil	30 L (7.9 gal)
Cooling System	37 L (9.8 gal)
Hydraulic Reservoir	240 L (63.4 gal)
Hydraulic System Total	450 L (118.9 gal)

952E_{DM} EXCAVATOR



- **6 Selectable Working Modes**

LiuGong E series excavators feature 6 selectable working modes - Power, Economy, Fine, Lifting, Breaker, Attachment that optimize performance and fuel consumption to your specific conditions.

- **Operational Safety**

Roll Over Protection System (ROPS) and Falling Object Protection System (FOPS) are optional. Inspection parts, filters and water separator are conveniently located.

- **Ergonomic Design**

Ergonomically designed cab with great visibility, new multi-function LCD monitor and suspension seat provide the most comfortable working environment.

- **Tough Components**

Reinforced undercarriage components, heavy duty boom and arm allow the excavators to work hard for longer.

PERFORMANCE PARAMETERS

Operating Weight	50,000 kg (110,231 lbs)
Std. Bucket Heaped Capacity (Referenced)	2.2 m ³ (2.9 yd ³)
Maximum Travel Speed	5.3 km/h (3.4 mph)
Swing Speed	8.5 rpm
Drawbar Pull	386 kN (86,776 lbf)
Bucket Digging Force (ISO)	310 kN (69,691 lbf)
Arm Digging Force (ISO)	287 kN (64,520 lbf)

ENGINE

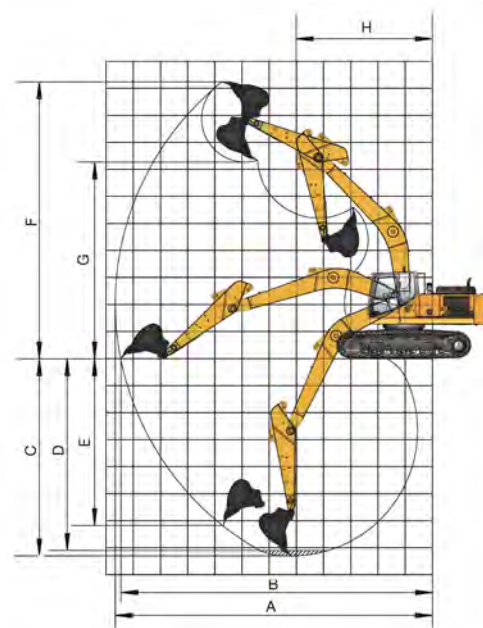
Emission Regulation	Tier 4F / Stage V
Manufacturer	Cummins
Model	X12
Rated Power	298 kW (400 hp / 405 ps) @ 2,100 rpm
Net Power	282 kW (378 hp / 383 ps) @ 2,100 rpm
Peak Torque	2,034 N·m (1,500 lbf·ft) @ 1,400 rpm
Number of Cylinders	6
Displacement	11.8 L (3.1 gal)

UNDERCARRIAGE

Shoe Width	600 mm (1'12")
Number of Shoes per Side	50
Number of Bottom Rollers per Side	9
Number of Upper Rollers per Side	2

DIMENSIONS

A Shipping Length	12,030 mm (39'6")
B Shipping Height	3,810 mm (12'6")
C Track Gauge	2,740 mm (8'12")
D Undercarriage Width	3,440 mm (11'3")
E Length to Center of Rollers	4,475 mm (14'8")
F Track Length	5,500 mm (18')
G Overall Width of Upper Structure	3,110 mm (10'2")
H Tail Swing Radius	3,640 mm (11'11")
I Counterweight Ground Clearance	1,324 mm (4'4")
J Overall Height o of Cab	3,307 mm (10'10")
K Min. Ground Clearance	532 mm (1'9")



WORKING RANGE

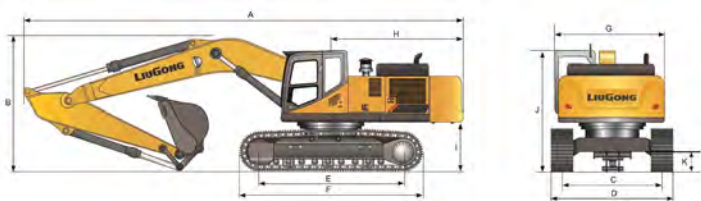
Boom Length	7,060 mm (23'2")
Arm Length	2,900 mm (9'6")
A Max. Digging Reach	11,585 mm (38')
B Max. Digging Reach on Ground	11,368 mm (37')
C Max. Digging Depth	7,380 mm (24'3")
D Max. Digging Depth, 2.44 m (8') level	7,218 mm (23'8")
E Max. Vertical Wall Digging Depth	6,011 mm (19'9")
F Max. Cutting Height	10,618 mm (34'10")
G Max. Dumping Height	7,578 mm (24'10")
H Min. Front Swing Radius	5,052 mm (16'7")

HYDRAULIC SYSTEM

Main Pumps Total Flow	760 L/min (200.8 gal/min)
Relief Pressure, main	34.3 MPa (4,975 psi)
Relief Pressure, boost	37.2 MPa (5,395 psi)

SERVICE CAPACITIES

Fuel Tank	650 L (171.7 gal)
Engine Oil	34 L (9 gal)
Cooling System	33 L (8.7 gal)
Hydraulic Reservoir	290 L (76.6 gal)
Hydraulic System Total	520 L (137.4 gal)



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09/2021 Designed by LiuGong
Replace the previous versions of 12/2020



Engine	Perkins 2806J
Rated Power	447.5 kW (600 hp / 608 ps) @ 2,100 rpm
Net Power	433 kW (581 hp / 589 ps) @ 1,800 rpm
Maximum Dig Depth	7,185 mm
Standard Bucket Capacity	5.6 m ³
Operating Weight	94,800 kg

995F^{DM}

EXCAVATOR

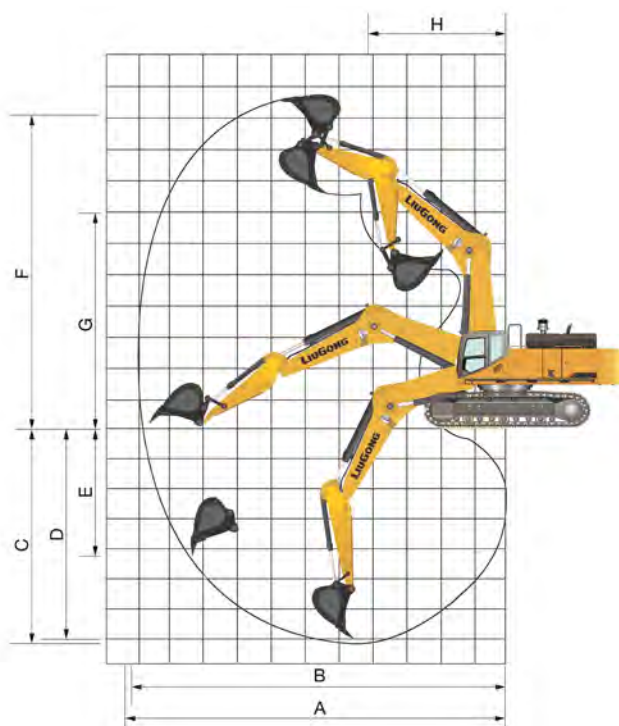
995F^{DM} SPECIFICATIONS >>>

ENGINE

Emission Regulation	EU Stage V
Manufacturer	Perkins
Model	2806J
Rated Power	447.5 kW (600 hp / 608 ps) @ 2,100 rpm
Net Power	433 kW (581 hp / 589 ps) @ 1,800 rpm
Peak Torque	2,811 N·m @ 1,300 rpm
Number of Cylinders	6
Displacement	18.1 L

UNDERCARRIAGE

Shoe Width	650 mm
Number of Shoes per Side	51
Number of Upper Rollers per Side	3
Number of Bottom Rollers per Side	9



BOOM & ARM

Boom Length	7,250 mm
Arm Length	2,925 mm

BUCKET PERFORMANCE

Std. Bucket Heaped Capacity (Referenced)	5.6 m³
Min. Heaped Capacity of Bucket Options	5.6 m³
Max. Heaped Capacity of Bucket Options	6.0 m³

TRACK DRIVE

Maximum Travel Speed	4.2 km/h
Drawbar Pull	650 kN

SERVICE CAPACITIES

Fuel Tank	1,240 L
Engine Oil	64 L
Cooling System	100 L
Hydraulic Reservoir	480 L
Hydraulic System Total	960 L
DEF Tank	48 L

HYDRAULIC SYSTEM

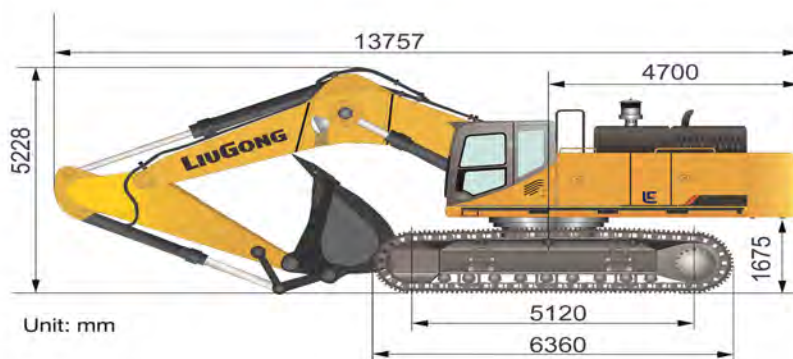
Main Pumps Total Flow	1,008 L/min
Relief Pressure, main	35 MPa
Relief Pressure, boost	37.3 MPa

SWING SYSTEM

Swing Speed	6.5 rpm
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WORKING RANGE

A. Max. Digging Reach	12,448 mm
B. Max. Digging Reach on Ground	12,172 mm
C. Max. Digging Depth	7,185 mm
D. Max. Digging Depth, 2.44 m (8') level	7,044 mm
E. Max. Vertical Wall Digging Depth	5,395 mm
F. Max. Cutting Height	12,342 mm
G. Max. Dumping Height	7,979 mm
H. Min. Front Swing Radius	5,415 mm
Bucket Digging Force (ISO)	496 kN
Arm Digging Force (ISO)	413 kN



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12/2020 Designed by Liugong