

## **B1.1. – Catalogue**

Spartan UK Ltd

Content:



**PLATES**

**2025**

**CATALOG**

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Metinvest is an international steel and mining group with coal mines and steelmaking assets in Europe and North America.

We manage the complete production chain, from extracting iron ore and coal to manufacturing semi-finished and finished steel products. This gives us the opportunity to take an individual approach to each customer's needs.

**1,000+**  
steel products

**4000+**  
customers

**24**  
sales offices

**50+**  
countries

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## COILS AND SHEETS PRODUCTION

### FERRIERA VALSIDER

Annual capacity, kt 400

### SPARTAN UK

Annual capacity, kt 200

### TRAMETAL

Annual capacity, kt 600



PRODUCT	STANDARD	STEEL GRADES	THICKNESS, MM	WIDTH, MM	WIDTH, MM	WEIGHT, MAX, T
Non-alloy structural steels	EN 10025-2	S185	4-200	1000-3150	2000-25000	35
		S235JR, S235J0, S235J2				
		S275JR, S275J0, S275J2				
		S355JR, S355J0, S355J2, S355K2				
		E295	4-150	1000-3150	3000-25000	35
Normalized / normalizing rolled fine-grained structural steels	EN 10025-3	S275N	4-150	1000-3150	2000-25000	35
		S275NL				
		S355N				
		S355NL				
		S420N, S420NL	8-150	1000-3150	2000-25000	30
		S460N, S460NL				
Structural steels with improved atmospheric corrosion resistance	EN 10025-5	S355J0W, S355J2W, S355K2W, S355J4W, S355J5W	5-150	1000-3150	2000-25000	35

PRODUCT	STANDARD	STEEL GRADES	THICKNESS, MM	WIDTH, MM	WIDTH, MM	WEIGHT, MAX, T
Carbon structural steel	ASTM A36/A36M	A36/ A36M	4-150	1000-3150	2000-25000	35
Carbon steel plates of structural quality for general application	ASTM A283/A283M	C, D	4-150	1000-3150	3000-25000	35
High-strength low-alloy structural steel	ASTM A572/A572M	50	5-150	1000-3150	2000-25000	35
		55	5-50		3000-25000	
		60	8-32		3000-25000	
Structural carbon steel plates of improved toughness	ASTM A573/A573M	58, 65, 70	4-40	1000-3150	3000-25000	35
High-strength low-alloy structural steel	ASTM A588/A588M	A, B	5-150	1000-3150	2000-25000	35
Normalized high-strength low-alloy structural steel plates	ASTM A633/A633M	A, C, D	5-100	1500-3150	3000-25000	15
Carbon and high-strength low-alloy structural steel for bridges	ASTM A709/A709M	50 type1, type 2	5-100	1000-3150	3000-25000	35
		50W type A, type B	5-80			

# Pressure vessels

## EUROPEAN STANDARDS

PRODUCT	STANDARD	STEEL GRADES	THICKNESS, MM	WIDTH, MM	WIDTH, MM	WEIGHT, MAX, T
Non-alloy and alloy steels with specified elevated temperature properties	EN 10028-2	P235GH, P265GH, P295GH, P355GH	4-150	1000-3150	2000-25000	35
		16Mo3	6-100	1000-3150	3000-25000	35
		13CrMo4-5	8-80	1500-3150	3000-25000	15
Weldable normalized fine grain steels	EN 10028-3	P275NH, P275NL1, P275NL2, P355N, P355NH, P355NL1, P355NL2	4-150	1000-3150	2000-25000	35
		P460NH, P460NL1, P460NL2	8-150	1000-3150	2000-25000	35
Nickel alloy steels with specified low temperature properties	EN 10028-4	13MnNi6-3	8-40	1500-3150	3000-25000	15
		12Ni14	8-50	1500-3150	3000-25000	15
Weldable fine grain steel for dangerous product transportation	NF A36-215:1997	P440NJ4, P460NJ2	8-12	1500-3150	3000-25000	15

# Pressure vessels

## AMERICAN STANDARDS

PRODUCT	STANDARD	STEEL GRADES	THICKNESS, MM	WIDTH, MM	WIDTH, MM	WEIGHT, MAX, T
Pressure Vessel Alloy Steel Plates	ASME SA203/SA203M	D, E	8-60	1500-3150	3000-25000	15
Pressure Vessel Alloy Steel Plates	ASTM A203/A203M	D, E	8-60	1500-3150	3000-25000	15
Pressure vessel carbon steel plates	ASME SA285/SA285M	A, B, C	4-50	1500-3150	3000-25000	15
Pressure vessel carbon steel plates	ASTM A285/A285M	A, B, C	4-50	1500-3150	3000-25000	15
Pressure vessel manganese-silicon carbon steel plates	ASME SA299/SA299M	A	5-50	1500-3150	3000-25000	15
Pressure vessel manganese-silicon carbon steel plates	ASTM A299/A299M	A	5-50	1500-3150	3000-25000	15
Pressure Vessel Alloy Steel Plates	ASME SA387/SA387M	Grade 11 Cl.1, Grade 11 Cl.2, Grade 12 Cl.1, Grade 12 Cl.2	8-80	1500-3150	3000-25000	15
Pressure Vessel Alloy Steel Plates	ASTM A387/A387M	Grade 11 Cl.1, Grade 11 Cl.2, Grade 12 Cl.1, Grade 12 Cl.2	8-60	1500-3150	3000-25000	15
Pressure vessel carbon steel plates	ASME SA516/SA516M	55, 60, 65, 70	4-205	1000-3150	2000-25000	35

# Pressure vessels

## AMERICAN STANDARDS

PRODUCT	STANDARD	STEEL GRADES	THICKNESS, MM	WIDTH, MM	WIDTH, MM	WEIGHT, MAX, T
Pressure vessel carbon steel plates	ASTM A516/A516M	55, 60, 65, 70	4-205	1000-3150	2000-25000	35
Pressure vessel heat-treated carbon-manganese-silicon steel plates	ASME SA537/SA537M	Class 1	4-80	1500-3150	3000-25000	15
Pressure vessel heat-treated carbon-manganese-silicon steel plates	ASTM A537/A537M	Class 1	4-60	1500-3150	3000-25000	15
Pressure Vessel Carbon-Manganese-Silicon Steel Plates	ASME SA662/SA662M	A, B, C	5-50	1500-3150	3000-25000	15
Pressure Vessel Carbon-Manganese-Silicon Steel Plates	ASTM A662/A662M	A, B, C	5-50	1500-3150	3000-25000	15
Low alloy pressure vessel steel plates	ASTM A737/A737M	B	5-80	1500-3150	3000-25000	15
Low alloy pressure vessel steel plates	ASME SA737/SA737M	B	5-80	1500-3150	3000-25000	15
Low alloy pressure vessel steel plates	ASTM A738/A738M	A	5-65	1500-3150	3000-25000	15
Low alloy pressure vessel steel plates	ASME SA738/SA738M	A	5-65	1500-3150	3000-25000	15

PRODUCT	STANDARD	STEEL GRADES	THICKNESS, MM	WIDTH, MM	LENGTH, MM	WEIGHT, MAX, T
Unalloyed steels for quenching and tempering	ISO 683-1/ EN 10083-2	C40, C45, C40E, C45E, C50E	8-160	1000-3150	2000-25000	35
Alloyed steels for quenching and tempering	ISO 683-2/ EN 10083-3	20MnB5, 33MnCrB5, 30MnB5, 39MnCrB6, 38MnB5, 34CrMo4, 27MnCrB5, 42CrMo4	7-120	1000-3150	3000-25000	35
Case hardening steels	ISO 683-3/ EN 10084	16MnCr5, 20MnCr5	8-150	1000-3150	3000-25000	35

# Pipeline, Offshore & Energy

## AMERICAN STANDARDS

PRODUCT	STANDARD	STEEL GRADES	THICKNESS, MM	WIDTH, MM	WIDTH, MM	WEIGHT, MAX, T
Structural steel plate for offshore structures	API Specification 2H	42, 50	5-100	1500-3150	3000-25000	15
High-Strength Low-Alloy Steel for Fittings	ASTM A860	WPHY 42, WPHY 46, WPHY 52	4-100	1500-3150	3000-25000	15
		WPHY 60	8-60			
		WPHY 65	8-60			
		WPHY 70	8-50			
High-Strength Low-Alloy Steel for Fittings	MSS SP75	WPHY 42, WPHY 46, WPHY 52	4-100	1500-3150	3000-25000	15
		WPHY 60	8-60			
		WPHY 65	8-60			
		WPHY 70	8-50			
Plates for welded pipes production	Technical requirements for the supply of plates ANSI/API 5L	B/L245NB; X42/L290NB; X46; X52/L360NB	4-100	1500-3150	3000-25000	15
		X60/L415QB	8-60			
		X65/L450QB	8-60			
		X70/L485QB	8-50			
		X80	10-50			

GRADE	THICKNESS, MM	RINA, ITALY	LR, UNITED KINGDOM	DNV-GL, GERMANY	BV, FRANCE
A, AH32, A32, AH36, A36	4 - <8	AR, N	AR, N	AR, N	AR, N
	≥8 - ≤35	AR, CR, N	AR, CR, N	AR, CR, N	AR, CR, N
	>35 - ≤40	CR, N	CR, N	CR, N	CR, N
	>40 - ≤50	N	N	N	N
	>50 - 60	N	N	N	N
AH27S, A27S	4 - ≤25	—	AR, N	AR, N	—
	>25 - 60	—	N	N	—
B	4 - ≤8	AR, N	N	AR, N	AR, N
	≥8 - ≤35	AR, CR, N	CR, N	AR, CR, N	AR, CR, N
	>35 - ≤40	CR, N	CR, N	CR, N	CR, N
	>40 - ≤50	N	N	N	N
	>50 - 60	N	N	N	N
D, DH32, D32, DH36, D36	4 - ≤8	N	N	N	N
	≥8 - ≤35	CR, N	CR, N	CR, N	CR, N
	>35 - ≤40	CR, N	CR, N	CR, N	CR, N
	>40 - ≤50	N	N	N	N
	>50 - 60	N	N	N	N
DH27S, D27S	4 - 60	—	N	N	—
E	4 - ≤50	N	N	N	N
	>50 - 60	—	N	N	—
EH27S, E27S	4 - 60	—	N	—	—
EH32, EH36	4 - ≤50	N	N	N	N
	>50 - 60	—	N	N	—
FH32, FH36	5 - 35	N	—	—	—
510LF	8 - 35	N	—	—	—

PRODUCT	STANDARD	STEEL GRADES	THICKNESS, MM	WIDTH, MM	LENGTH, MM	WEIGHT, MAX, T
Shipbuilding plates	ASTM A131/A131M	A B D E AH32 DH32 EH32 FH32 AH36 DH36 EH36 FH36	4-100	1,500-3,150	4,000-25,000	15

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SCAN TO GET  
THE CATALOGS

