

PLATES



Metinvest is much more than a company that sells iron ore and steel products. A unique formula made up of various ingredients helps Metinvest to be a reliable strategic partner.

We manufacture our products in Ukraine, the EU, the UK and the US. This gives us the opportunity to take an individual approach to each customer's needs.

The bespoke solutions that we offer differentiate us as a partner who helps to develop our customers' businesses.

1,000+
steel products

28
sales offices

5,000+
customers

70+
countries



CONTENT

01. CONSTRUCTION AND GENERAL INDUSTRY

European standards	5
American standards	5

02. PRESSURE VESSELS

European standards	7
American standards	8

03. MECHANICAL ENGINEERING

European standards	11
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04. PIPELINE, OFFSHORE AND ENERGY

American standards	13
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05. SHIPBUILDING

American standards	15
Shipping Registers	15

CONTACTS	16
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Plates production

Annual capacity, kt



FERRIERA VALSIDER 400

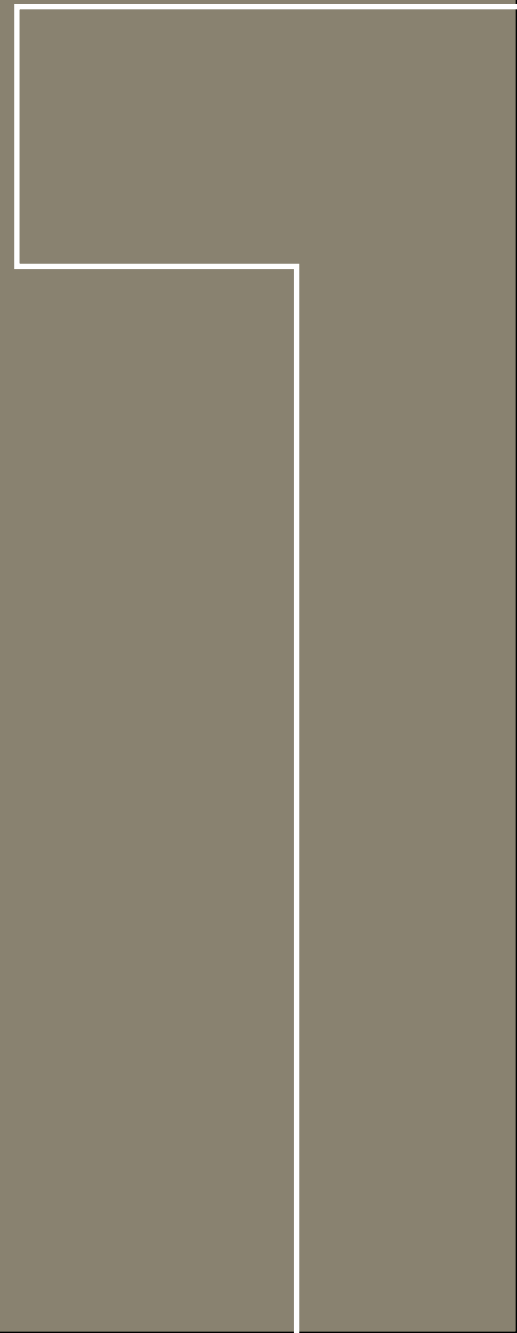
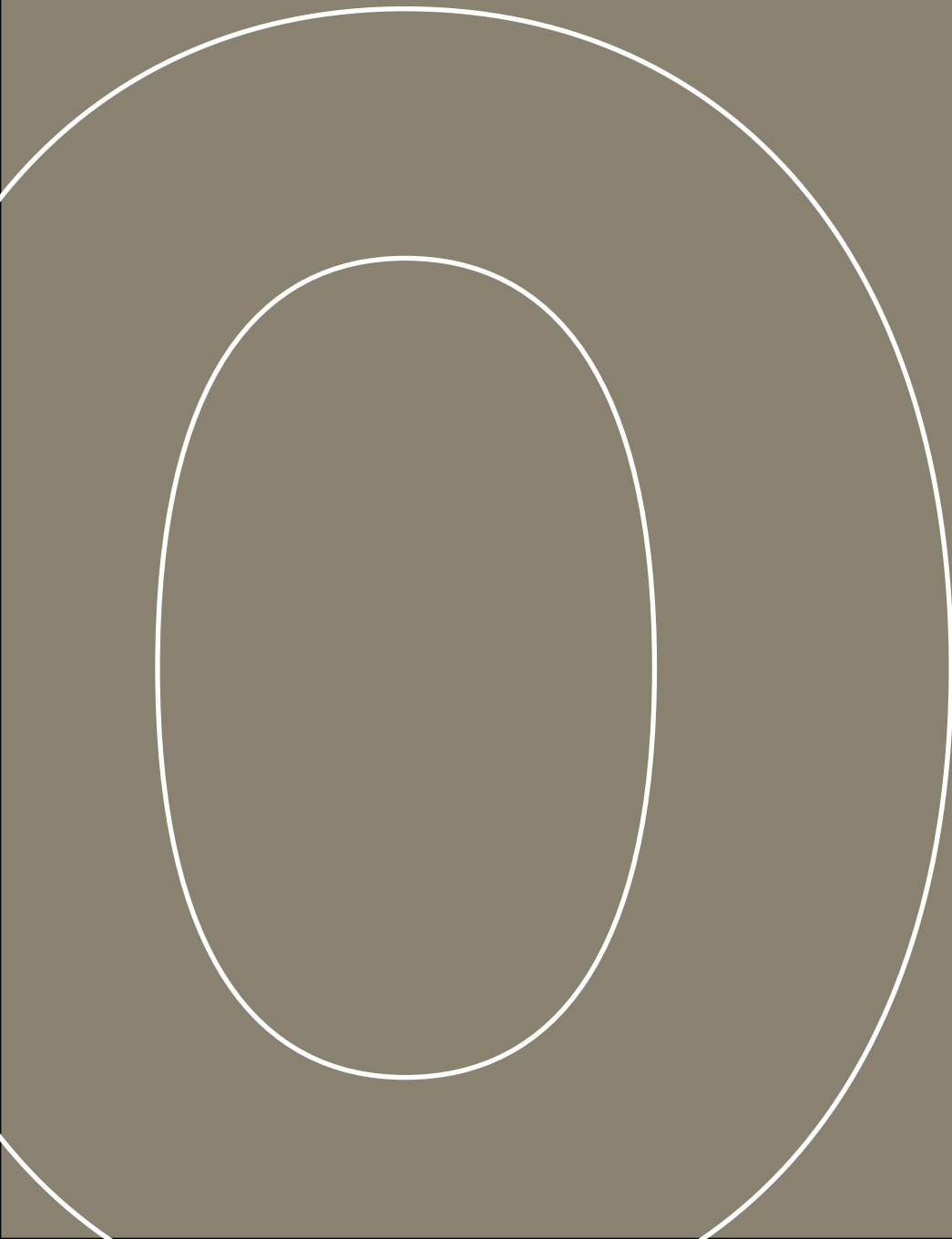


SPARTAN UK 220



TRAMETAL 600

CONSTRUCTION AND GENERAL INDUSTRY



European standards

Product	Standard	Steel grade	Thickness, mm	Width, mm	Length, mm	Weight, 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		
Normalized 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	35
S460N, S460NL						
Structural steels with improved atmospheric corrosion resistance	EN 10025-5	S355J0W, S355J2W, S355K2W, S355J4W, S355J5W	5 - 150	1000 - 3150	2000 - 25000	

Dimensions, technical requirements and weight of flat products should be agreed during the conclusion of contracts.

American standards

Product	Standard	Steel grade	Thickness, mm	Width, mm	Length, mm	Weight, t
Carbon structural steel	ASTM A36/A36M	A36/ A36M	4 - 150	1000 - 3150	2000 - 25000	35
Carbon steel plates 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 type 1, type 2	5 - 100	1000 - 3150	3000 - 25000	35
		50W type A, type B	5 - 80			

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PRESSURE VESSELS



European standards

Product	Standard	Steel grade	Thickness, mm	Width, mm	Length, mm	Weight, 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	1500 - 3150	3000 - 25000	15
		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	
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	
Weldable fine grain steel for dangerous product transportation	NF A36-215:1997	P440NJ4	8 - 12	1500 - 3150	3000 - 25000	15
		P460NJ2				

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PRESSURE VESSELS

American standards

Product	Standard	Steel grade	Thickness, mm	Width, mm	Length, mm	Weight, t
Pressure vessel alloy steel plates	ASME SA203/SA203M	D, E	8 - 60	1500 - 3150	3000 - 25000	15
	ASTM A203/A203M					
Pressure vessel carbon steel plates	ASME SA285/SA285M	A, B, C	4 - 50	1500 - 3150	3000 - 25000	15
	ASTM A285/A285M					
Pressure vessel manganese-silicon carbon steel plates	ASME SA299/SA299M	A	5 - 50	1500 - 3150	3000 - 25000	15
	ASTM A299/A299M					
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
	ASTM A387/A387M					
Pressure vessel carbon steel plates	ASME SA516/SA516M	55, 60, 65, 70	4 - 205	1000 - 3150	2000 - 25000	35
	ASTM A516/A516M					
Pressure vessel heat-treated carbon-manganese-silicon steel plates	ASME SA537/SA537M	Class 1	4 - 80	1500 - 3150	3000 - 25000	15
	ASTM A537/A537M					
Pressure vessel carbon-manganese-silicon steel plates	ASME SA662/SA662M	A, B, C	5 - 50	1500 - 3150	3000 - 25000	15
	ASTM A662/A662M					
Low alloy pressure vessel steel plates	ASTM A737/A737M	B	5-80	1500-3150	3000-25000	15
	ASME SA737/SA737M					
	ASTM A738/A738M	A	5-65	1500-3150	3000-25000	15
	ASME SA738/SA738M					

Dimensions, technical requirements and weight of flat products should be agreed during the conclusion of contracts.



MECHANICAL ENGINEERING



European standards

Product	Standard	Steel grade	Thickness, mm	Width, mm	Length, mm	Weight, 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, 30MnB5, 38MnB5, 27MnCrB5, 33MnCrB5, 39MnCrB6, 34CrMo4, 42CrMo4	7 - 120	1000 - 3150	3000 - 25000	35
Case hardening steels	ISO 683-3/ EN 10084	16MnCr5, 20MnCr5	8 - 150	1500 - 3150	3000 - 25000	15

Dimensions, technical requirements and weight of flat products should be agreed during the conclusion of contracts.

PIPELINE, OFFSHORE AND ENERGY



American standards

Product	Standard	Steel grade	Thickness, mm	Width, mm	Length, mm	Weight, t
Structural steel plates 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				
		WPHY 70	8 - 50			
	MSS SP75	WPHY 42, WPHY 46, WPHY 52	4 - 100	1500 - 3150	3000 - 25000	15
		WPHY 60	8 - 60			
		WPHY 65				
		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				
		X70/L485QB	8 - 50			
		X80	10-50			

Dimensions, technical requirements and weight of flat products should be agreed during the conclusion of contracts.

SHIPBUILDING



American standards

Product	Standard	Steel grade	Thickness, mm	Width, mm	Length, mm	Weight, 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 max

Dimensions, technical requirements and weight of flat products should be agreed during the conclusion of contracts.
Z test available on request (for thickness min. 25 mm).

Shipping Registers

Grade	Thickness, mm	RINA Italy	LR United Kingdom	DNV Norway	BV France
A, AH32, A32, AH36, A36	4 - <8	AR, N	AR, N	AR, N	AR, N
	≥8 - ≤35	AR, CR, N	AR, N	AR, CR, N	AR, CR, N
	>35 - ≤40	CR, N	N	CR, N	CR, N
	>40 - ≤50	N		N	N
	>50 - 60	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		AR, CR, N	AR, CR, N
	>35 - ≤40	CR, N		CR, N	CR, N
	>40 - ≤50	N		N	N
	>50 - 60	N		N	N
D, DH32, D32, DH36, D36	4 - ≤8	N	N	N	N
	≥8 - ≤35	CR, N		N, CR	CR, N
	>35 - ≤40	CR, N		N, CR	CR, N
	>40 - ≤50	N		N	N
	>50 - 60	N		N	N
DH27S, D27S	4 - 60	-	N	N	-
E	4 - ≤50	N	N	N	N
	>50 - 60	-	N	N	-
EH32, EH36	4 - ≤50	N	N	N	N
	>50 - 60	-	N	N	-
EH27S, E27S	4 - 60	-	N	-	-
FH32, FH36	5 - 35	N	-	-	-
510LF	8 - 35	N	-	-	-

Dimensions, technical requirements and weight of flat products should be agreed during the conclusion of contracts.
Z test available on request (for thickness min. 25mm).

Symbols for delivery condition indication: AR - as rolled; CR - controlled rolling; N - normalization

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