

Metinvest-Trametal | Ferriera Valsider | Spartan UK

European quarto plate and coil rolling mills





METINVEST. General overview

Trametal - Valsider - Spartan overview

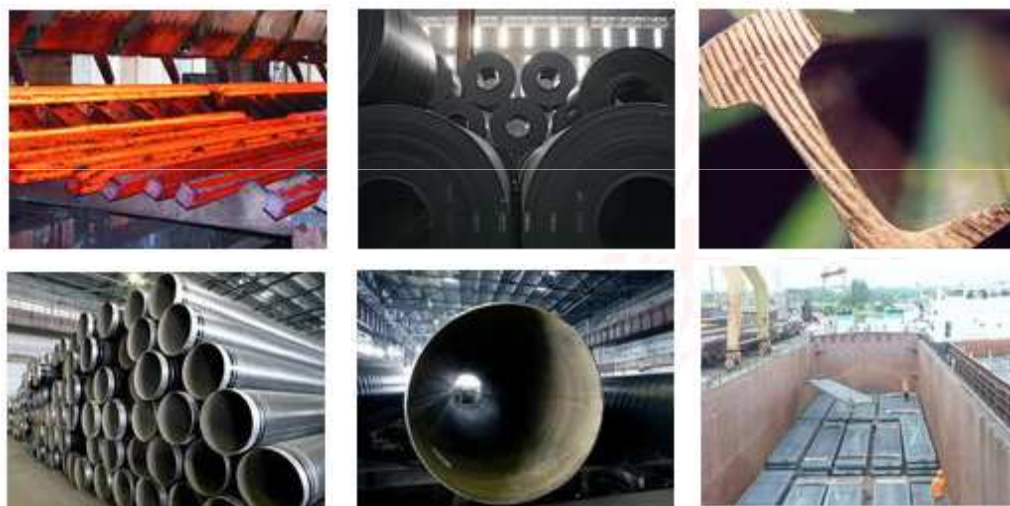
Mill details (Trametal, Valsider, Spartan)

Our rolling network

Company details

METINVEST GROUP (Metinvest) is an international, vertically integrated metal and mining company headquartered in the Netherlands, and one of the lowest cost producers of steel in the world. The Company is primarily involved in the mining of coal and iron ore, the manufacturing of steel and iron ore products, coke, as well as rolled products and pipes. Metinvest benefits from a favourable geographic location and close proximity to the key sales markets of Europe, the CIS, the Middle East, and North Africa.

The Group comprises 26 companies within the mining and steel sectors located in Ukraine, Europe and the USA. The Group's products are marketed and sold in more than 75 countries around the world.



Metinvest produces a wide range of high quality products throughout its vertically integrated, international operations. The geographic locations of the Company's key assets provide Metinvest with a number of advantages. These include low-cost production, low transportation costs by virtue of the Company's core production assets being located within a 540km radius of each other, and close proximity to key European markets.

METINVEST GROUP STRUCTURE (key operating companies)

IRON ORE DIVISION

JSC Severniy
Mining and Processing Works

JSC Central
Mining and Processing Works

JSC Ingulets
Mining and Processing Works

COKE & COAL DIVISION

JSC Krasnodonvugillia
Coal Mining Company

JSC Avdiivka
Coke & Chemical Works

Inkor & Co LLC

United Coal Company LLC

STEEL & ROLLED PRODUCTS DIVISION

JSC Azovstal Iron & Steel Works

Ferrieria Valsider S.p.A.

Metinvest International S.A.

JSC Yenakiieve
Metallurgical Works

Metinvest Tramelat S.p.A.

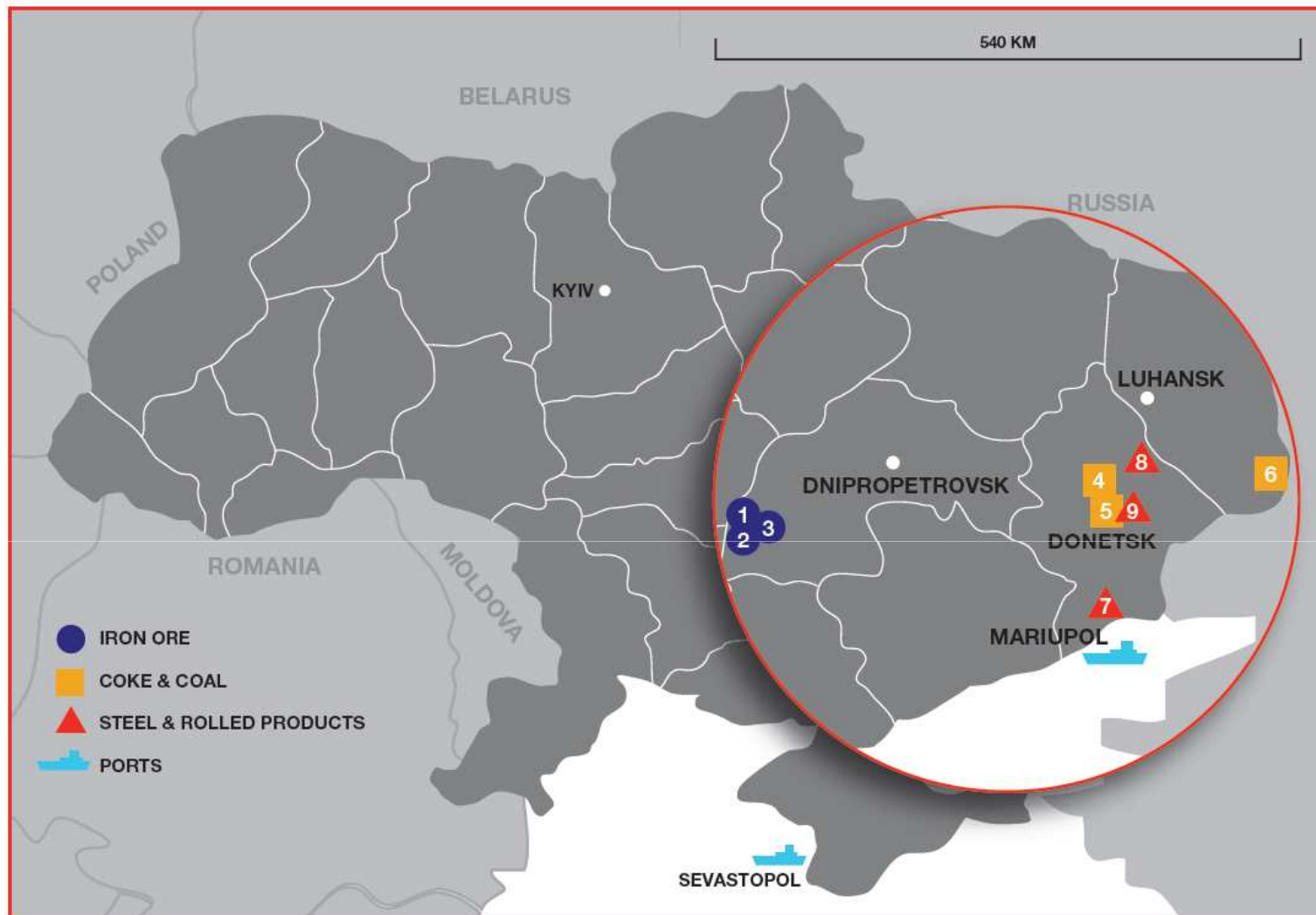
Metinvest Eurasia LLC

JSC Khartsyzsk Tube Works

Spartan UK Ltd

Metinvest Ukraine LLC

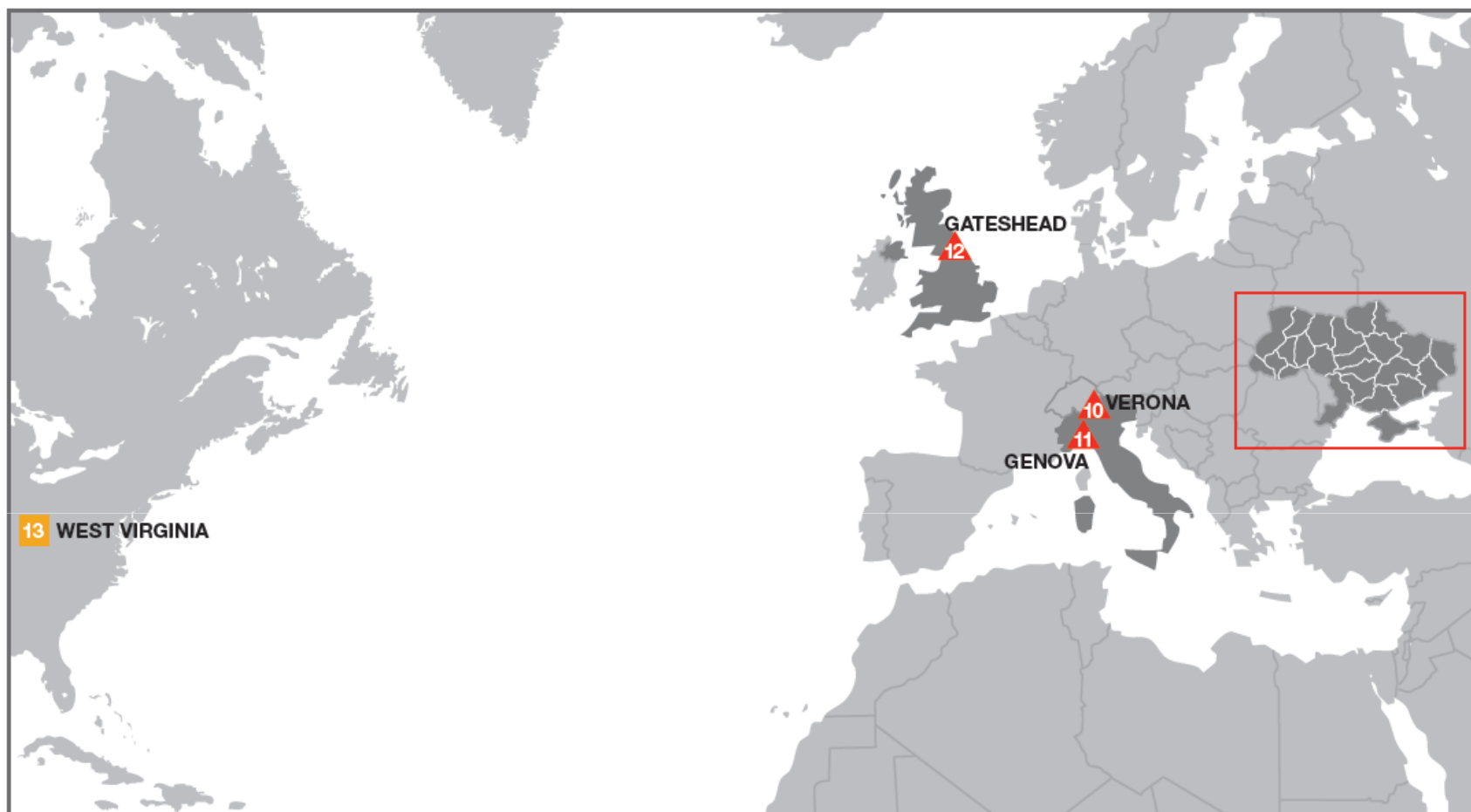
Metinvest SMC LLC



- 1 JSC Severniy Mining and Processing Works
- 2 JSC Central Mining and Processing Works
- 3 JSC Ingulets Mining and Processing Works
- 4 JSC Avdiivka Coke & Chemical Works
- 5 Inkor & Co LLC

- 6 JSC Krasnodonvugillia Coal Mining Company
- 7 JSC Azovstal Iron & Steel Works
- 8 JSC Yenakieve Metallurgical Works
- 9 JSC Khartsyzsk Tube Works

European and American operations



- 10 Ferriera Valsider S.p.A.
- 11 Metinvest Trametel S.p.A.
- 12 Spartan UK Ltd
- 13 United Coal Company LLC

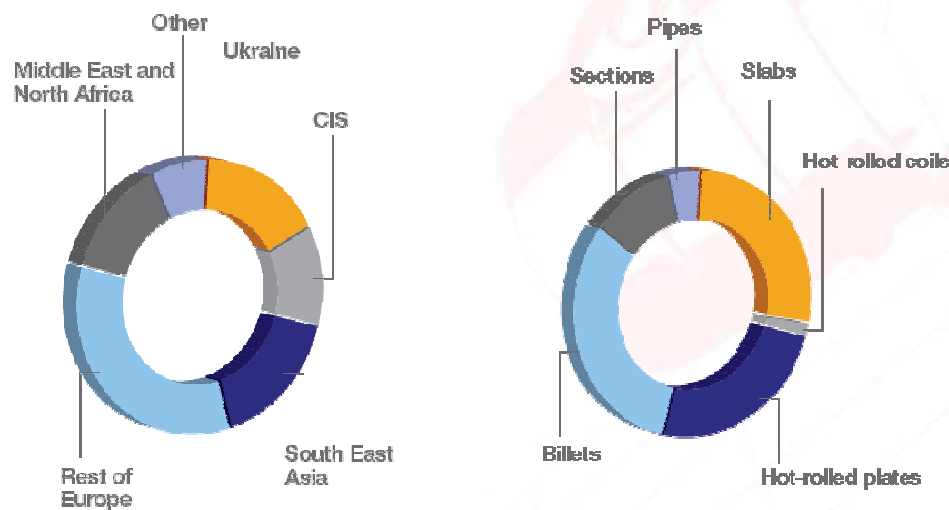
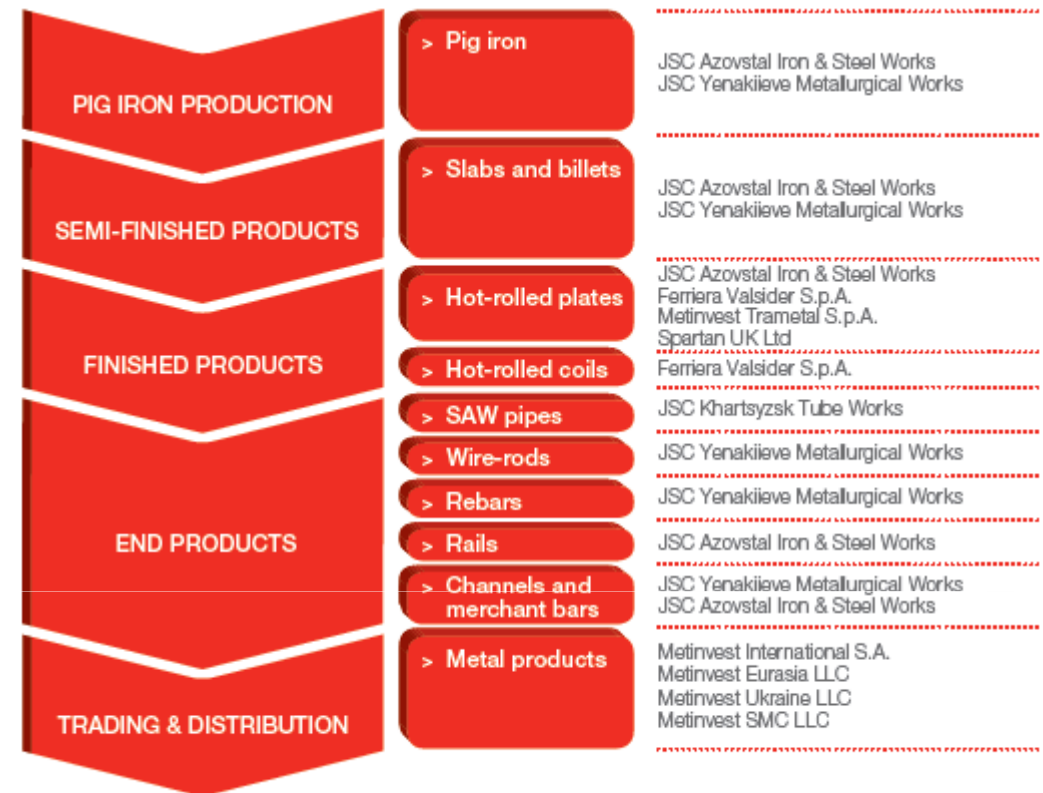
Metinvest steel division volumes & dynamics

The Steel & Rolled product division of Metinvest produces a wide range of high quality products that are sold in key international markets through Metinvest's global sales network.

In the long-term, company aim is to shift production away from semi-finished products towards more value-added products while expanding and deepening relationships with clients, providing them with world-class service and developing mutually beneficial long-term partnerships.

Main sales of steel products are represented by semi-finished products as billets and slabs; steel flat products production is also important, particularly hot rolled plates.

Although central markets are CIS countries, Ukraine and Europe, steel products are sold worldwide through Metinvest capillary commercial network.



Steel & rolled products division

The Steel & Rolled Products division comprises the steelmaking, rolled products and large diameter pipe manufacturing businesses of Metinvest. In 2008, the operating companies of this division produced 8.2 million tonnes of crude steel and over 9.2 million tonnes of finished goods, including 0.4 million tonnes of large diameter line pipes.

Metinvest's steel and rolled products include slabs, billets, hot-rolled plates, hot-rolled coils, pipes, wire-rods, re-bars, rails, channels and merchant bars.

JSC Azovstal Iron & Steel Works (Azovstal)

JSC Azovstal Iron & Steel Works is the leading facility within the steelmaking arm of the Group, and is ranked second in terms of production volume amongst world-class suppliers of steel concast slabs. Azovstal is also the sole producer of high quality railway rails in

Ukraine. Azovstal's production facilities are comprised of: coke and sinter plants; a BF plant with five blast furnaces; a steelmaking complex with an OHF plant and BOF plant; rolled products facilities, including a plate mill and two rolling mills that produce long products (merchant and heavy sections mills); grind balls; and a rail fastener plant. Azovstal also owns and operates a marine transportation facility at Mariupol, which provides cabotage transportation of goods from Azovstal to the Mariupol, and other sea ports.

In 2008, Azovstal produced 66.8% of Metinvest's total steel output, compared to 69.3% in 2007. A significant percentage of Azovstal's products are exported.



JSC Yenakiieve Steel Group (Yenakiieve)

JSC Yenakiieve Steel Group is one of the world's leading concast billet producers. The Company produces concast and rolled square billets, sections, carbon structures, and low-carbon and low-alloyed steel grades.

In 2008, Yenakiieve produced 33.2% of Metinvest's total steel output, compared to 30.7% in 2007.



JSC Khartsyzsk Tube Works (KhTW)



JSC Khartsyzsk Tube Works is the largest producer in the CIS of SAW longitudinally welded line pipes (478-1,422mm), which are used in the construction of oil and gas pipelines and heat networks worldwide. The main production facilities of KhTW are pipe welding plants #2 and #4. The #2 plant manufactures longitudinally welded single seam pipes which are 406-1,422mm in diameter (or 18-56"), as well as double seam pipes that are 1,220-1,420mm (or 48-56") in diameter x 12m long. These pipes are used in water, gas and oil pipelines with a working pressure of up to 10.2 MPa. At plant #4, all pipes produced receive a corrosion-resistant coating to both their inner and outer surfaces, which gives them a lifespan of approximately 30 years.

In 2008, KhTW accounted for 4.0% of Metinvest's total steel output, compared to 5.3% in 2007.

METINVEST. General overview



Trametal - Valsider - Spartan overview

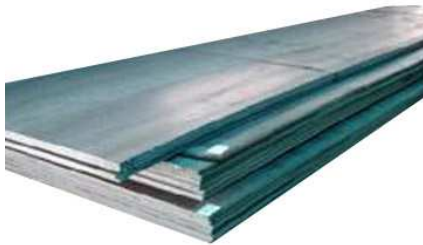
Mill details (Trametal, Valsider, Spartan)

Our rolling network

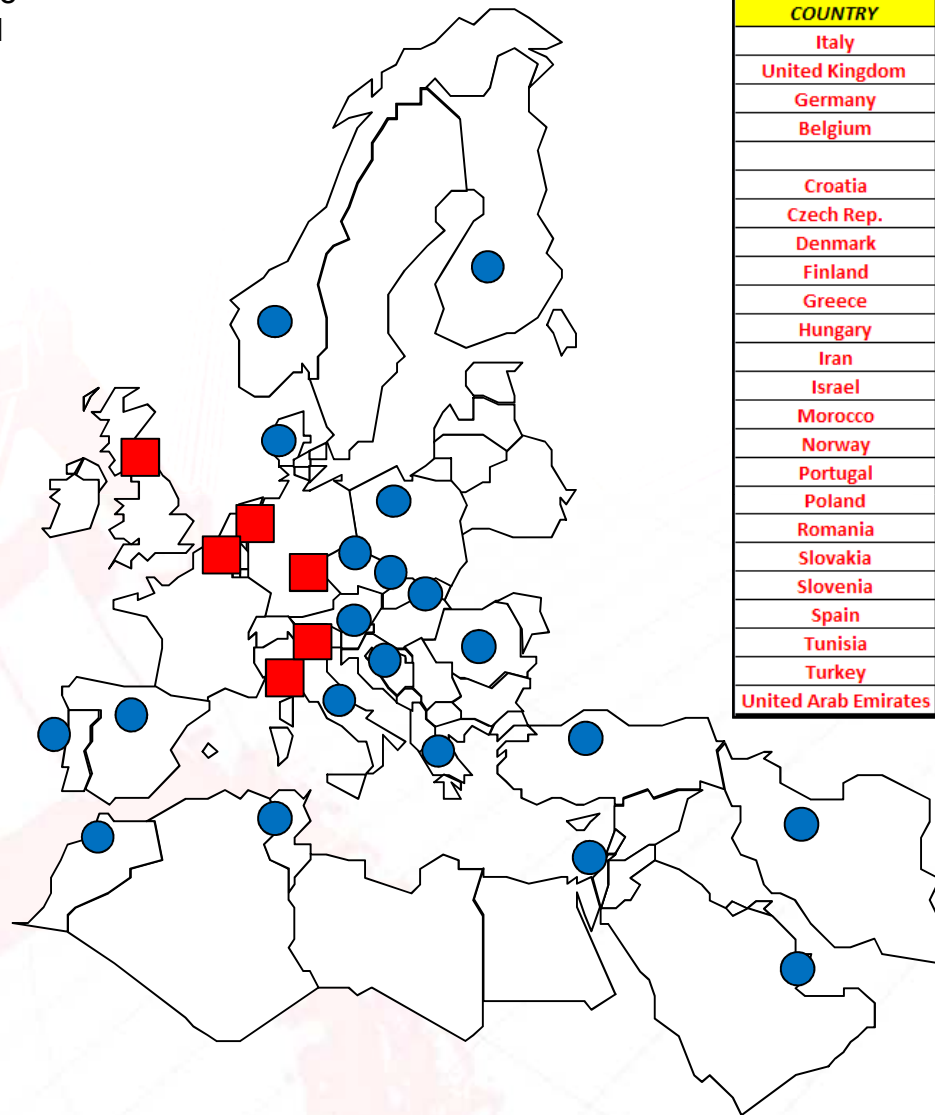
Company details

Trametal - Valsider - Spartan overview



Trametal, Valsider and Spartan are part of the Steel & Rolled Products Division of Metinvest Holding, LLC. With more than 1 million tons of flat product capacity (quarto plates and hot rolled coil), Trametal and Valsider in Italy and Spartan in UK, are now a major force in the European quarto plate market. Production sites are located in San Giorgio di Nogaro (near Udine) and Vallesedi Oppeano (near Verona) in Italy and Gateshead (near Newcastle upon Tyne) in UK.



Trametal, Valsider and Spartan have a track record of excellent product quality, industry leading customer service, unwavering commitment to safety and high productivity. Extra care and attention to detail taken throughout the order fulfilment process, is central to the company's philosophy and enables Trametal, Valsider and Spartan to add real value, for even the most demanding customers



COUNTRY	OFFICES	AGENTS
Italy	Genoa - Verona	✓
United Kingdom	Newcastle	
Germany	Munich - Essen	
Belgium	Bruxelles	
Croatia		✓
Czech Rep.		✓
Denmark		✓
Finland		✓
Greece		✓
Hungary		✓
Iran		✓
Israel		✓
Morocco		✓
Norway		✓
Portugal		✓
Poland		✓
Romania		✓
Slovakia		✓
Slovenia		✓
Spain		✓
Tunisia		✓
Turkey		✓
United Arab Emirates		✓

 Representative office
 Agent

Trametal - Valsider - Spartan overview



Trametal, Valsider and Spartan are ISO 9001:2008 certified and manufacture in compliance with the main international standards, including Euronorm, ASTM, ASME, API, as well as CE, NF Acier, Ü Zeichen, TÜV, DM and PED quality certifications.

In addition, special certifications from the main shipping registers, including RINA, LR, DNV, GL, BV & ABS are available, as well as certified approvals from the leading industrial groups in petrochemical, offshore, yellow goods and wind turbine sectors.



Trametal - Valsider - Spartan overview

Trametal, Valsider and Spartan offer a very wide range of grades suitable for application in numerous industrial sectors.

Structural grades, for use in buildings, bridges, yellow goods, industrial machinery, wind turbines and general construction. Boiler & Pressure Vessel steel, Special Grades capable of quenching & tempering, Shipbuilding and Offshore plate as well as steel for Pipe and Fittings manufacture.



METINVEST. General overview

Trametal - Valsider - Spartan overview



Mill details (Trametal, Valsider, Spartan)

Our rolling network

Company details

Mill details: Trametal

LOCATION	San Giorgio di Nogaro (UD) - Italy	
AREA	150.000 square meters (out of which covered 50.000)	
PRODUCTION	QUARTO STEEL PLATES	
INSTALLED CAPACITY	600.000 Tons per year	
SUPPLY CONDITIONS	As rolled - Normalizing rolling - Thermomechanical rolling - Normalized - Normalized and tempered - Annealed	
PRODUCTION MIX	Thickness	4 - 150
	Width	1.400 - 3.250
	Length	4.000 - 36.000
	Max weight tons	25 max
APPLICABLE STANDARDS	Dimension / Flatness	EN 10029 - A(SA)20 - A(SA)6
	Surface	EN 10163 - A(SA)20 - A(SA)6
	Ultrasonic Test	EN 10160 - A(SA)435 - A(SA)578, other standard by agreement
	Certificates	EN 10204 - A(SA)20 - A(SA)6
	Testing as per	EN - ASME ASTM

PRODUCT CERTIFICATIONS



Quality management system
 The Company is ISO 9001:2008 fully qualified by DNV
 Specific Certifications have been acquired from Shipping Registers:
 Registro Italiano Navale (RINA), Lloyd's Register of Shipping (LR)
 Det Norske Veritas (DNV), Germanischer Lloyd (GL), Bureau Veritas (BV)
 American Bureau of Shipping (ABS)
 Specific product certifications

CE Mark, 044/M (FF.SS.)	Ü Zeichen (TÜV)	AD-MERKBLATT
NF Acier N° 25/01 dated 2007.08.06	NF Acier selon Livret 2.32 SNCF	AD2000/W1 (TÜV)
DM 09/01/96	BN 918002 (DB)	Directory 97/23 PED (TÜV)
08832.STR.MME.STC Rev.07 (Agip)	Nace MR0175	ISPESL M Category
Nace TM0284 Hic Test Sol. A	Nace TM0177 Hic Test Sol. A	Nace MR0103

LOGISTIC

Truck - Railway - Vessel



Established in 1995, in Italy, with headquarter in Genoa and works in San Giorgio di Nogaro (Udine)

February 2008 Trametal was acquired by Metinvest Holding

LOCATION	Vallese di Oppeano (VR) – Italy		
AREA	150.000 square meters (out of which covered 40.000)		
PRODUCTION		QUARTO STEEL PLATES	HOT ROLLED COILS
INSTALLED CAPACITY (Tons per year)		500.000	900.000
SUPPLY CONDITIONS		As rolled	As rolled
		Normalizing rolling	Normalizing rolling
		Normalized	Thermomechanical rolling
		Annealed	
PRODUCTION MIX	Thickness	8 - 200	1,8 - 25
	Width	1.500 - 3.000	1.500 max
	Length	4.000 - 24.000	Inside ø 750±20mm
	Max weight tons	30 max	30 max
APPLICABLE STANDARDS	Dimension/Flatness	EN 10029	EN 10051
	Surface	EN 10163	EN 10025/02
	Ultrasonic Test	EN 10160	-
	Certificates	EN 10204	EN 10204
	Testing as per	EN - ASME ASTM	EN - ASME ASTM
PRODUCT CERTIFICATIONS		ISO 9001:2008 DNV	ISO 9001:2008 DNV
		CE MARK	CE MARK
		PED 97/23/EG TÜV	PED 97/23/EG TÜV
		DNV SHIPPING REGISTER	AD-MERKBLATT
		AD-MERKBLATT	AD2000/W1 (TÜV)
		AD2000/W1 (TÜV)	
LOGISTIC		Ü ZEICHEN (TÜV)	
	Truck - Railway - Vessel		



Founded in July 2001 following a merger with the hot roll division of SPS.

Since October 2005 Ferriera Valsider S.p.A. is part of Metinvest Group

LOCATION	Newcastle upon Tyne - UK	
AREA	100.000 square meters (out of which covered 30.000)	
PRODUCTION	QUARTO STEEL PLATES	
INSTALLED CAPACITY	200.000 Tons per year	
SUPPLY CONDITIONS	As rolled - Normalizing rolling - Normalized - Normalized and tempered - Annealed	
PRODUCTION MIX	Thickness	8 - 150
	Width	1.250 - 2.100
	Length	4.000 - 20.000
	Max weight tons	25 max
APPLICABLE STANDARDS	Dimension / Flatness	EN 10029 - A(SA)20 - A(SA)6
	Surface	EN 10163 - A(SA)20 - A(SA)6
	Ultrasonic Test	EN 10160 - A(SA)435 A(SA)578, other standard by agreement
	Certificates	EN 10204 - A(SA)20 - A(SA)6
	Testing as per	EN - ASME ASTM
PRODUCT CERTIFICATIONS	Quality management system	
	The Company is ISO 9001:2008 fully qualified by TÜV	
	Specific product certifications	
	CE Mark Specific	
	AD-MERKBLATT	
	AD2000/W1 (TÜV)	
	PED97/23/EC (TÜV)	
	CPD89/106 (EN 10025- TÜV)	
	Ü ZEICHEN (TÜV)	
LOGISTIC	Truck - Vessel	



Acquired in 1999 by Trameal

February 2008 Spartan was acquired by Metinvest Holding

METINVEST. General overview

Trametal - Valsider - Spartan overview

Mill details (Trametal, Valsider, Spartan)



Our rolling network

Company details

The three Mills: figures 2009

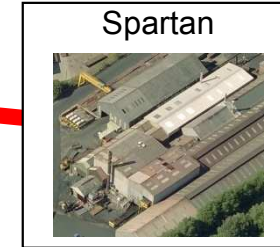
*2009 Installed
capacity*

150 KTon Plates
450 KTon Coils

600 KTon

200 KTon

2009
950 KTon Plates +
450 KTon Coils



METINVEST®

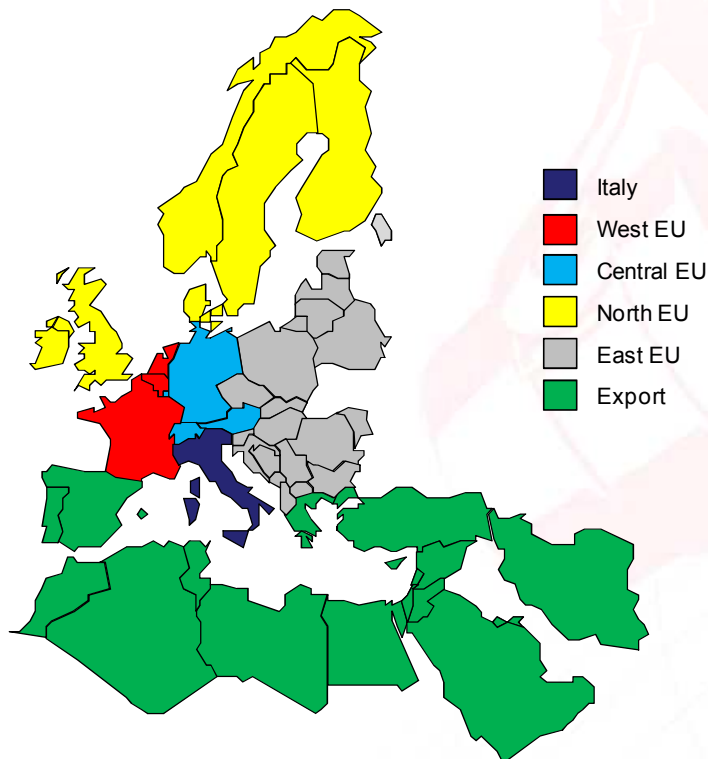
-  **3 PRODUCTION UNITS**
-  **A UNIQUE GROUP**
-  **A UNIQUE AND INTEGRATED COMMERCIAL NETWORK**

Commercial organization

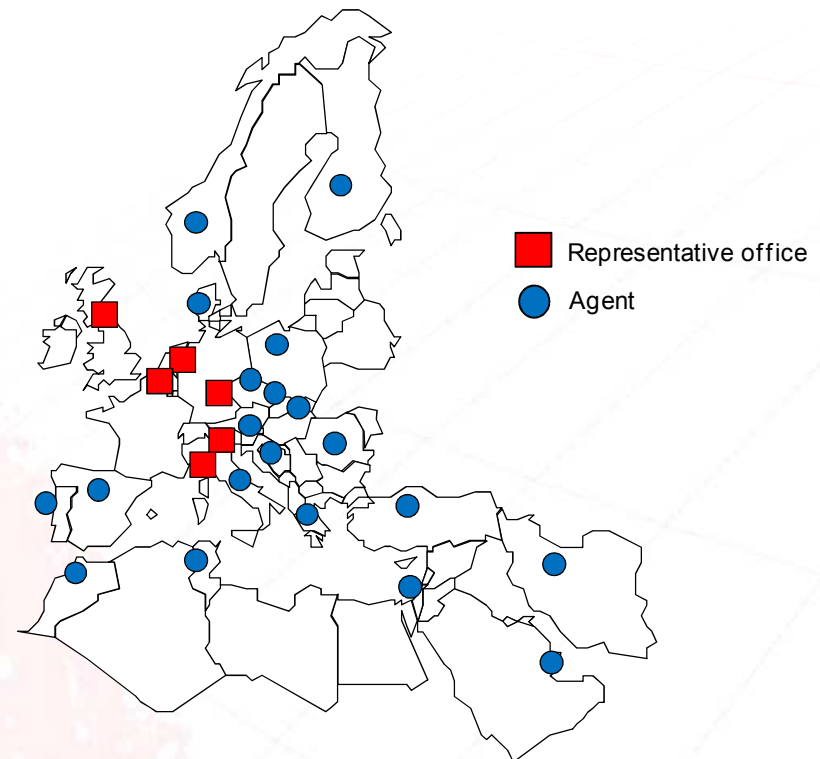
The sales network is geographically split into different Business Unit that sell products of MTrametal, Ferriera Valsider and Spartan UK on their own territory.

We are able to organize and manage our sales through offices set in Genoa, Verona, Essen, Munich, Bruxelles and Newcastle, in addition to a capillary agent network in several European, North African and Middle East countries.

BU SPLIT



COMMERCIAL NETWORK



METINVEST. General overview

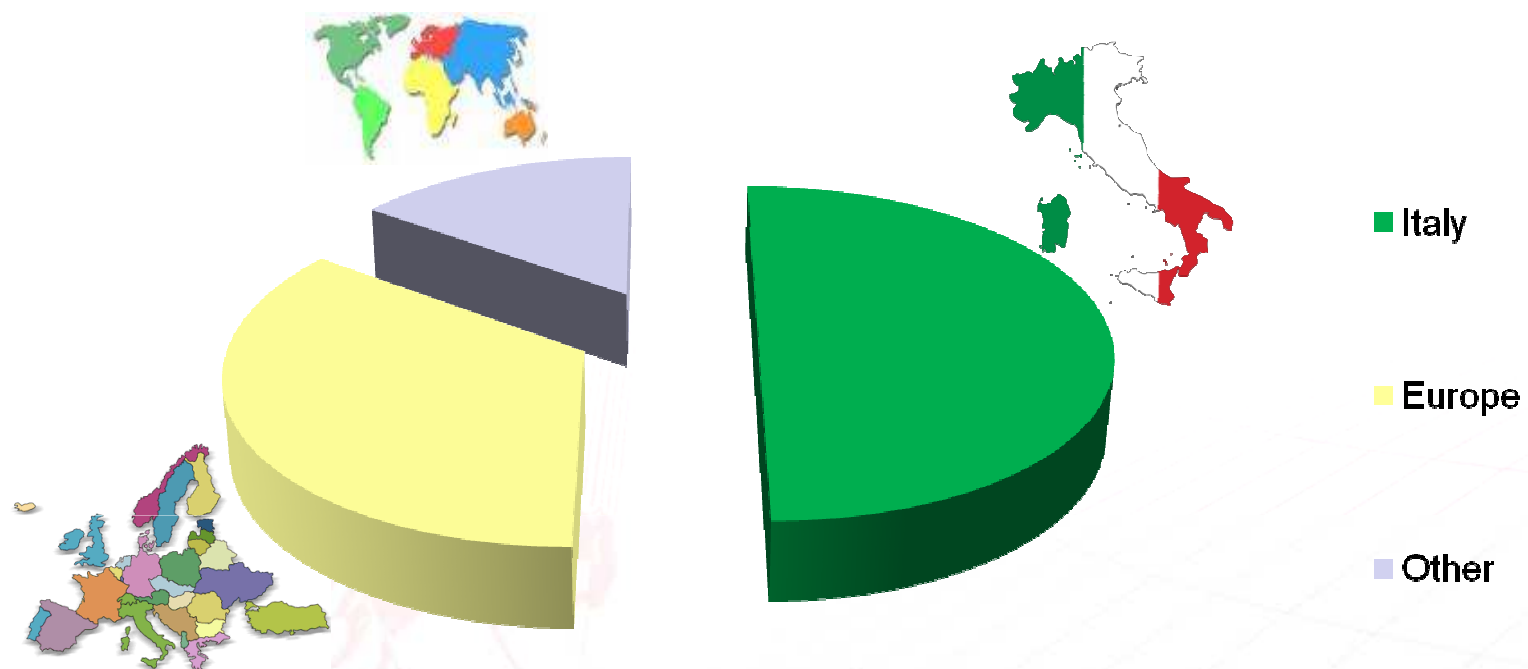
Trametal - Valsider - Spartan overview

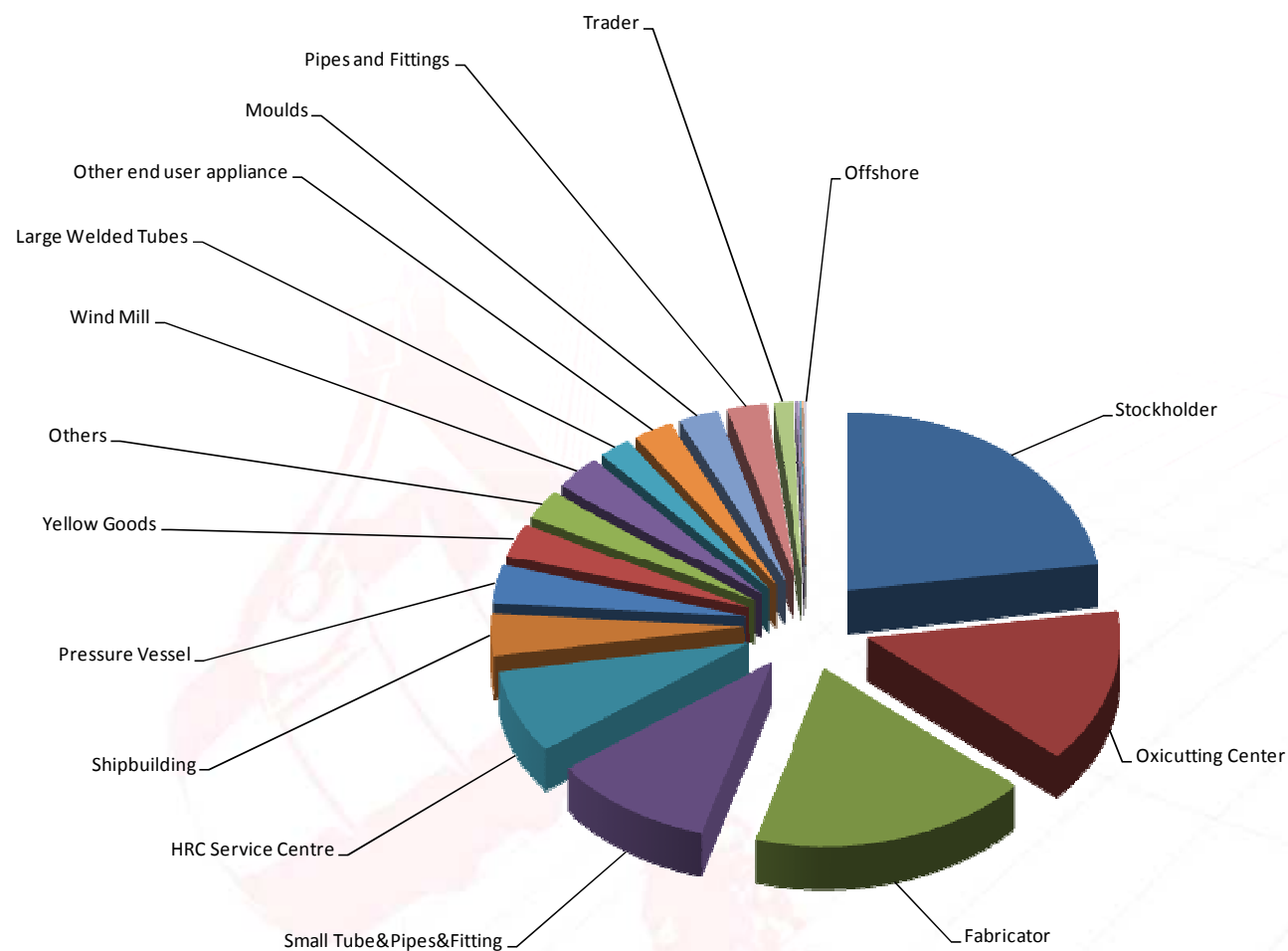
Mill details (Trametal, Valsider, Spartan)

Our rolling network



Company details







- ✿ Capability to **produce a wide range of qualities** going from structural steel plates to such **needed in the most sophisticated applications**



- ✿ Capability to **serve our customer** with **fast delivery service**



- ✿ Back office service: **skilled people** (technical, commercial and logistic skills)



- ✿ Local own commercial network in all **principal EU markets**



- ✿ **Agents used as sale terminals**



- ✿ Capability to **manage** either with **little customers** either with **important customers**, either with **big tons order** either with **little tons order**.



- ✿ Capability to make a **customer problem** as a **personal problem**



- ✿ Capability to give the customer the **best possible** technical and commercial **support**



- ✿ Capability to make our **customer earning money**

Thank you for your attention



FOR ANY FURTHER INFORMATION PLEASE VISIT:

www.metinvestholding.com

www.trametal.it

www.ferrieravalsider.com

www.spartanuk.co.uk