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The MARCEGAGLIA logo is repeated vertically, with the stylized 'M' icon at the bottom and the company name in large, bold, white letters running up the page.

MARCEGAGLIA

**Flat
products**

PRODUCT RANGE



COILS, STRIPS AND DERIVED FLAT PRODUCTS

- pickled coils and strips

thickness (mm)	1.20 / 6.00
width (mm)	12 / 1500
max weight (t)	35
max outside diameter (mm)	2150
- cold rolled coils and strips

thickness (mm)	0.25 / 4.00
width (mm)	12 / 1500
max weight (t)	35
max outside diameter (mm)	2150
- hot dip galvanized coils and strips

thickness (mm)	0.25 / 3.50
width (mm)	12 / 1500
max weight (t)	35
max outside diameter (mm)	2150
- prepainted coils and strips

thickness (mm)	0.25 / 2.00
width (mm)	12 / 1500
max weight (t)	35
max outside diameter (mm)	2150
- aluminised strips - Aluzinc strips
- flat bars

STEEL SHEETS

- black steel sheets

thickness (mm)	1.5 / 15
width (mm)	100 / 2000
length (mm)	400 / 16000
- pickled steel sheets

thickness (mm)	1.5 / 12
width (mm)	100 / 2000
length (mm)	400 / 16000
- cold rolled steel sheets

thickness (mm)	0.35 / 3
width (mm)	70 / 2000
length (mm)	400 / 16000
- galvanized steel sheets

thickness (mm)	0.3 / 4
width (mm)	70 / 2000
length (mm)	400 / 16000
- striped or buckle steel sheets

striped:	
thickness (mm)	2 / 10
width (mm)	100 / 2000
length (mm)	400 / 16000
buckle:	
thickness (mm)	2 / 10
width (mm)	100 / 2000
length (mm)	400 / 16000

HEAVY PLATES

thickness (mm)	15 / 200
width (mm)	1000 / 2700
length (mm)	2000 / 14000
max sheet weight (kg)	12000

Structural steels

quality according to EN 10025-2 for:

- S235JR-JO-J2-J2+N
- S275JR-JO-J2-J2+N
- S355JR-JO-J2-J2+N-K2

Structural steels

with increased corrosion resistance according to EN 10025-5 for:

- S355JOW
- S355J2W
- S355J2W+N

Hardening and tempering steel C45

quality according to EN 10083-2 certification 2.2 and 3.1 according to UNI EN 10204/05 for 15-120 mm thicknesses

Other certifications:

- sheets for structural applications according to Italian D.M. n° 19 of 09.01.1996, Legge 1086 of 5.11.1971
- "Ü" zeichen according to Germany construction industry regulation
- CE marking
- ISO 9001:2000



Marcegaglia Ravenna: Europe's largest steel service center

Spreading over a 550,000-mq surface (200,000 covered) between the left bank of the channel-harbour and the industrial area on the northern city seashore, the complex hosts the most technologically advanced machines for chemical pickling, cold rolling, annealing, galvanizing and pre-painting of steel coils, a large mill for tube production and a service center for roll flattening and cutting of carbon steel coils.

The plant, which is also the main logistic and intermodal hub for all the industrial and commercial activities of Marcegaglia, employs about 700 workers and is capable of a yearly production of 1.5 million tons of laminated products, 800,000 tons of galvanized products and 240,000 tons of pre-painted products.



Intermodal logistics:

The Ravenna production complex includes a harbour dock and an internal double-track railway for unloading, storing and shipping of raw materials and finished products. The facility is capable of unloading 2.5 million tons and shipping by train one million tons of steel products per year.



Pickling lines:

The 3 lines process yearly 3.1 million tons of pickled, dry or oiled hot rolled coils, to be eventually trimmed and/or skinpassed.



Cold-rolling mills:

The 8 lines are capable to roll 2 million tons of coil per year, with thickness ranging from 0.25 to 4 mm and width up to 1500 mm.



Furnaces:

The annealing of coils is performed by 62 furnaces, to ensure the highest consistency level of mechanical and magnetic properties of cold-rolled steel.



Skinpass:

Five skinpass lines provide an improved surface quality and optimized mechanical properties required for further processing.



Galvanizing:

The three hot dip galvanizing lines for full hard or pickled material process 1 million tons of galvanized coils, with thickness ranging from 0.25 to 3.50 mm and various finishes (standard spangle, smooth spangle, skinpassed).



SAN GIORGIO DI NOGARO: production lines

Pre-painting line:

The plant is capable of coating 240 thousand tons per year of coils and metallic strips, on either one or both sides, with one or two layers of paint, of different nature, to meet the needs of any application field, including the white goods industry.



Service center

The plant, with a yearly capacity of 1 million tons, includes 20 flat-teners and 36 slitters, that can produce sheets up to 2000 mm in width and thickness ranging from 0.3 up to 15 mm.



Slab cutting

- cutting machine (4 blowpipes) 1

Slabs are cut into semi-products for subsequent working (furnace, rolling).



Furnace

- manufacturing capacity (ton/h) 50
- temperature 1200°C



Descaling



Hot rolling mill

- quarto rolling mill 1
- power (kW) 2600
- manufacturing capacity (ton/y) 400.000
- thickness (mm) 15 / 200



Shearing

- in-line hot shearing 1
- max thickness (mm) 60



Hot rolling

- in-line hot rolling mill 1
allows to obtain the requested flatness tolerance
- max thickness (mm) 120



Cooling plate

- cooling plate 1
allows slow cooling of sheets before labelling, marking and storage



Service center

- oxygen cut-to-length and trimming 3
- edge machining (C45 quality) 1
- cold rolling 1
- shot blasting machine 1



Storage