

Officine
Montorfano S.p.A.



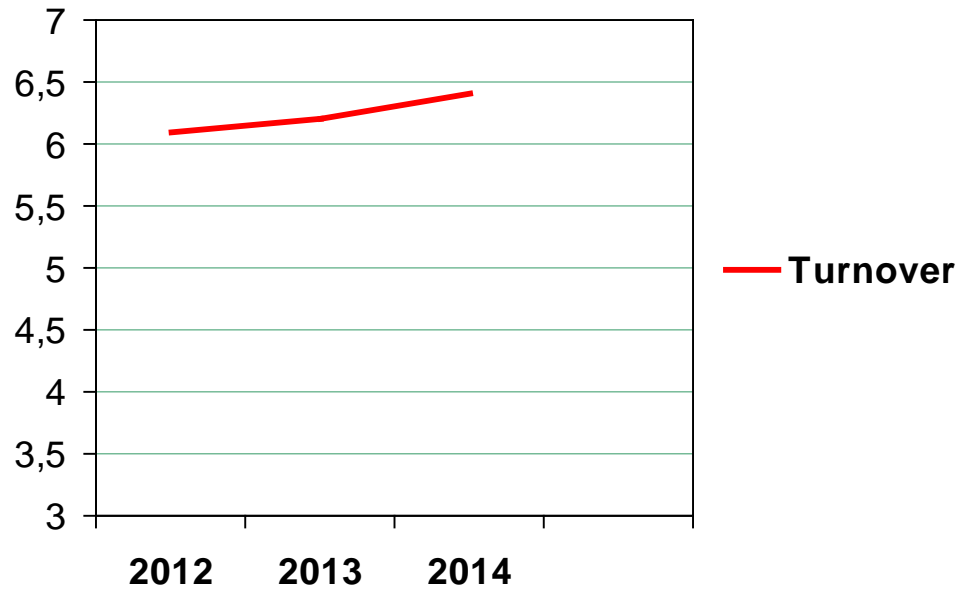
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Located in the metropolitan industrial area of Milan – North of Italy – OFFICINE MONTORFANO is a Company operating in the worldwide metal working market since 1933



TURNOVER

- 2012 - 6,10 MIO Euro
- 2013 - 6,20 MIO Euro
- 2014 - 6,40 MIO Euro



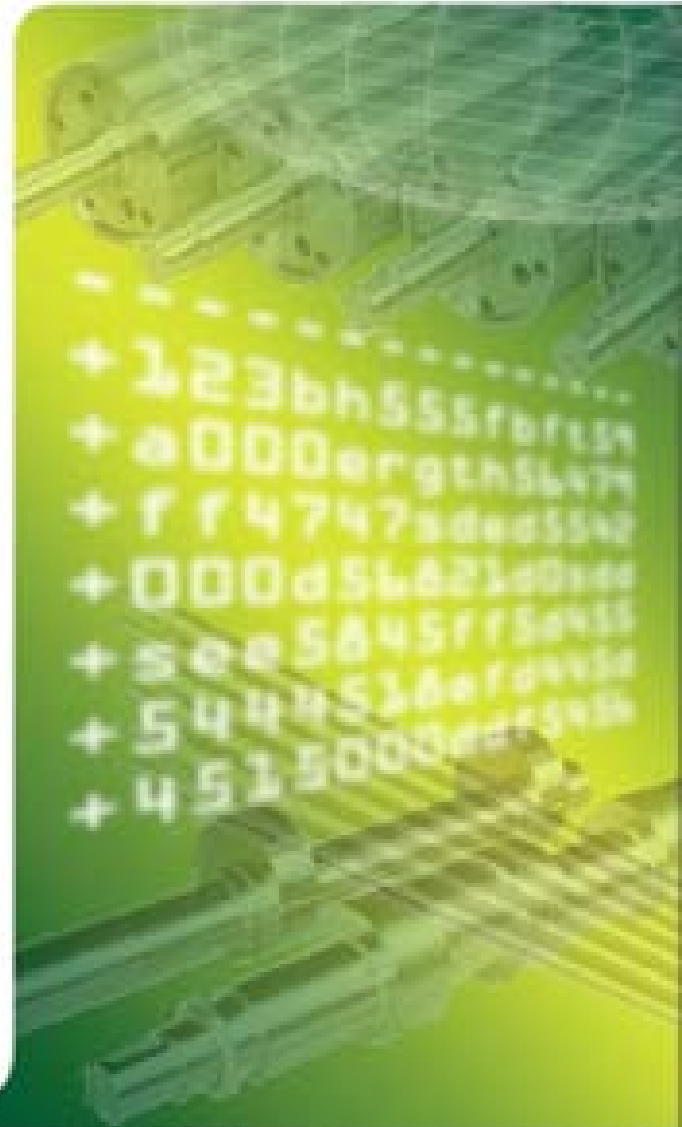
PRODUCTS

- Work rolls and intermediate rolls
for levelling machines
- Rolls and back up rolls
for hot and cold levelling machines
- Back up rolls
- Slitter shafts for slitting lines
- Eccentric shafts and crankshafts
- Hardened rolls



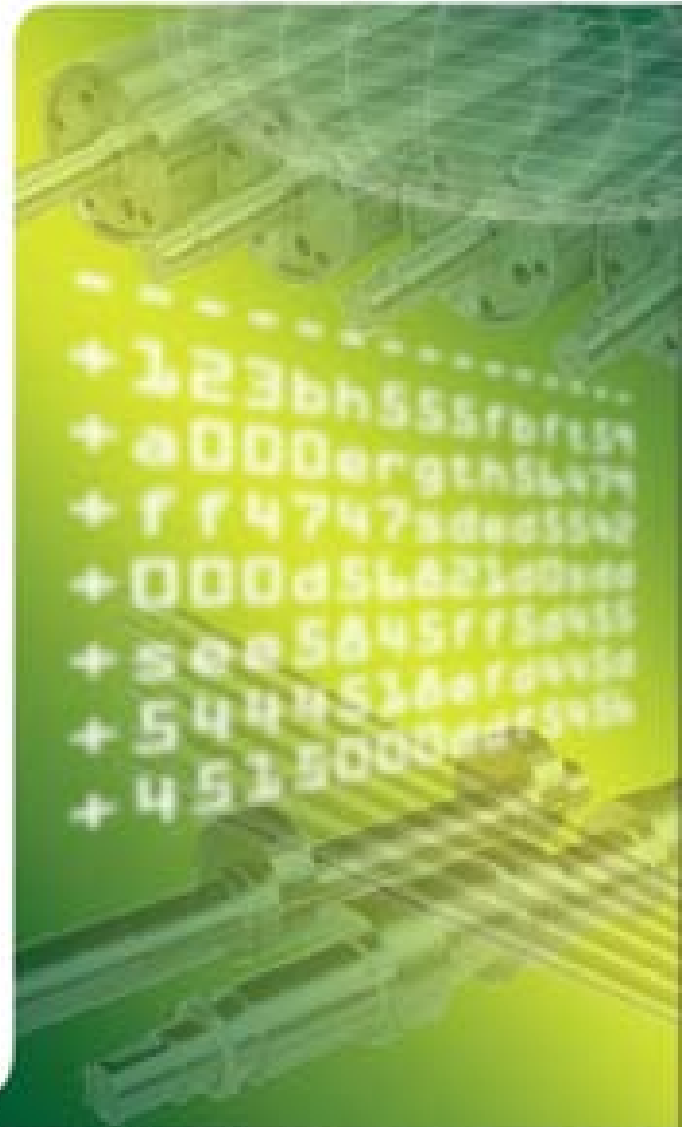


Rolls and intermediate rolls for levelling machines





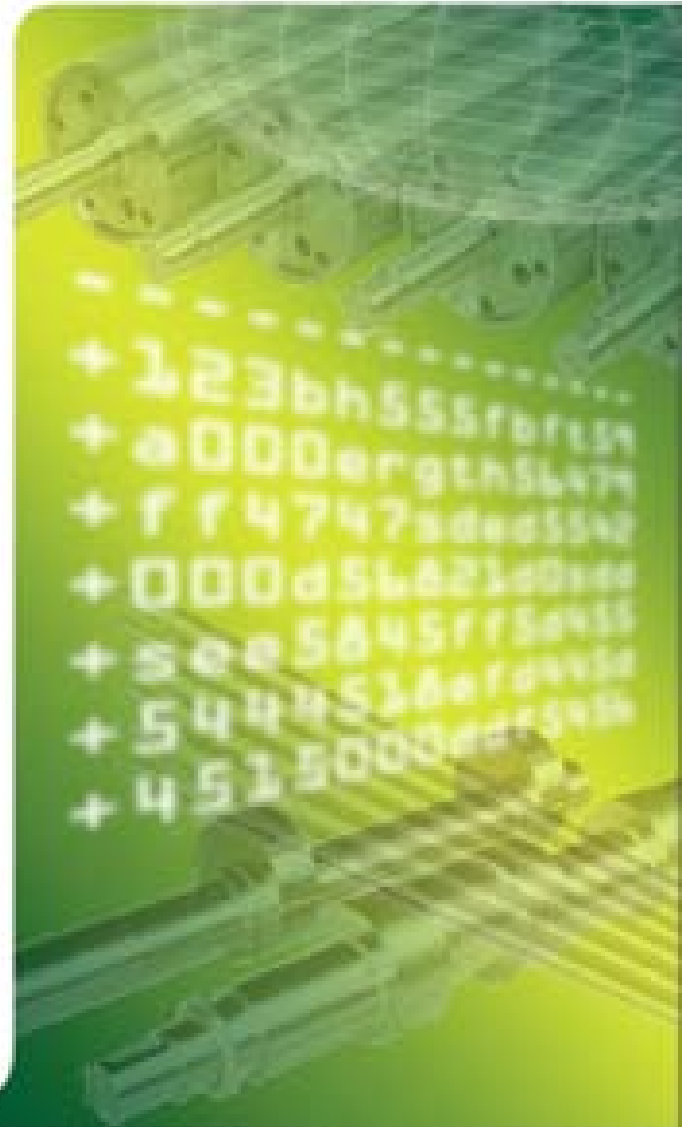
Rolls and back up rolls for hot and cold levelling machines



+ 223bh555for154
+ a000ergth56477
+ 774747adw5592
+ 000d56821ed000
+ 50058457750455
+ 544853007000
+ 451500000000



Back up rolls



+ 223bh555f0r154
+ a000drgth56478
+ 774747adw5592
+ 000d56821d0v0
+ 50e58457750455
+ 544853d070v0
+ 452500007549

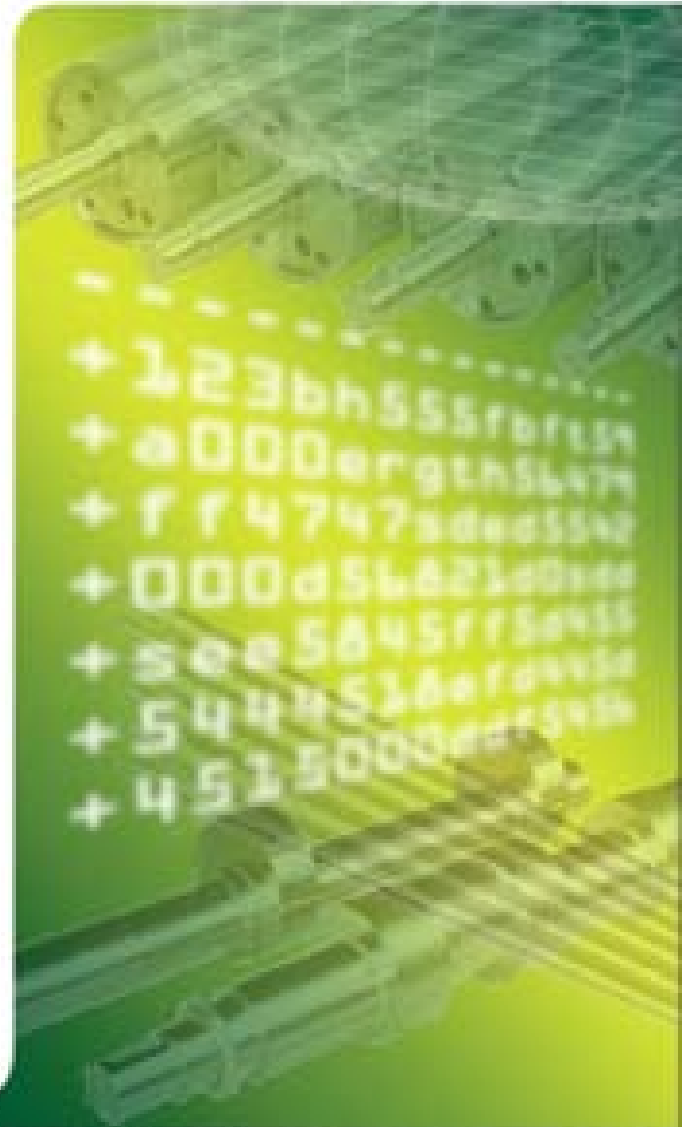


Eccentric shafts and crankshafts





Hardened rolls



MERCHANDISE SECTORS

- SHEET-METAL WORKING MACHINES
- IRON PLANTS
- SHEET FORMING MACHINES
- PAPER AND BOARD WORKING MACHINES
- PUMPS



MAIN USED STEEL GRADES

UNI MATERIAL	W. NR MATERIAL	TENSILE STRENGTH N/mm ²	SURFACE HARDNESS HRC	ADVISE USE
C45	1.1191	750 ÷ 890	60 ÷ 62	Eccentric shafts - Hydraulic pistons - Press columns - Control rolls - Baffle rolls - Tension rolls - Towing rolls
42CrMo4	1.7225	860 ÷ 1000	59 ÷ 61	Intermediate rolls – Slitter shafts – Eccentric shafts - - Anticoilbreak shafts – Rein shafts
50CrMo4 51CrMoV4	1.7228 1.7701	900 ÷ 1050	62 ÷ 65 62 ÷ 65	Intermediate rolls - Pinch rolls - Slitter shafts with automatic blades changer - Levelling rolls for sheet working up to 800/900 N/mm ² - Control rolls - Rectified rolls - Advancer towing rolls
100CrMo7	1.3537	900 ÷ 1050	63 ÷ 65	Rolls for cold rolling mills
86CrMoV7	1.2327	1000 ÷ 1200	63 ÷ 65	Levelling rolls for high-resistance sheet 900/1500 N/mm ² - Rolls for cold rolling mills - Work rolls and back up rolls for cold plate mill
X40CrMoV51	1.2344	860 ÷ 1000	52 ÷ 58	Work rolls for hot plate mill
41CrAlMo7	1.8509	850 ÷ 950	63 ÷ 65	Nitrogen-hardened slitter shafts
30NiCrMo8	1.6580	850 ÷ 950	54 ÷ 56	Eccentric shafts - Profile supporting rolls' spindle - Rib shafts
39NiCrMo3	1.6511	850 ÷ 950	58 ÷ 60	Slitter shafts – Rib shafts – Pinch rolls
56NiCrMoV7	1.2714	800 ÷ 900	52 ÷ 60	Back up rolls for hot plate mills

MACHINERIES

- Numerical control lathe machines for pieces with dia. up to 1.600 mm and lenght up to 10.000 mm
- Numerical control milling and boring machines max. 10.000 x 1.200 x 1.800 with CNC
- Numerical control cylindrical grinding machines for pieces with dia. up to 1.600 mm and lenght up to 10.500 mm
- Numerical control grinding machines for eccentric shafts with dia. up to 1600 mm lenghts 10.500 mm.
- Straightening machines for pieces with max. length 8.000 mm
- Balancing machine 1.000 x 6.000 with CNC



HEAT TREATMENT

- Medium, low and high frequency system
- Drawing and stress relief annealing furnaces
- Hydraulic presses for straightening of hardened pieces



STEEL INDUSTRY – MAIN CUSTOMERS

- | | |
|-----------------|----------------------|
| ▶ SMS SIEMAG AG | ITALY / GERMANY |
| ▶ THYSSEN KRUPP | GERMANY |
| ▶ FIMI | ITALY |
| ▶ GUIDA | ITALY |
| ▶ DANIELI | ITALY / GERMANY /USA |
| ▶ OUTOKUMPU | FINLAND |
| ▶ SSAB EUROPE | FINLAND |
| ▶ GONVARRI | SPAIN / BRASIL |
| ▶ FAGOR | SPAIN |
| ▶ IB ANDRESEN | DENMARK |
| ▶ ELVAL | GREECE |
| ▶ ERDEMIR | TURKEY |
| ▶ NORSK STAHL | NORWAY |



QUOTATIONS DELIVERY TIME SERVICE

QUOTATIONS:

We can offer our supply conditions within
48 hours after receipt of the enquiry

DELIVERY TIME:

Standard delivery time is 12÷14 working weeks
after receipt of the order

SERVICE:

We can recondition the rolls in order to restore
the original profile and surface



TECHNICAL SERVICE

The OFFICINE MONTORFANO

highly-specialised team is at disposal

for any technical and commercial

expert advice



OUR WORLDWIDE MARKET

EUROPE

- Belgium
- Denmark
- Finland
- France
- Germany
- Holland
- Norway
- Polen
- Spain
- Sweden
- UK

AFRICA

- Egypt
- South Africa
- Turkey

AMERICA

- Canada
- USA
- Mexico
- Argentina
- Brazil

ASIA

- China
- India
- Russia
- Thailand





Officine Montorfano S.r.l.

Via San Martino, 34 - 20017 Rho (Mi) ITALY

Tel +39.02.93.06.255 Fax +39.02.93.02.247

www.montorfano.it - montorfano@montorfano.it

