

Design
Supply
Service



Small Section Mill



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Small Section Mill

Technical data

- Starting stock
 - Billets 100 x 100 x 12,000 mm
 - 200 x 200 x 12,000 mm
- Finished product
 - Rounds \varnothing 8 - 50 mm and equivalent squares, hexagons and rebars
 - Flats 38 x 5 - 100 x 15 mm
 - Angles (equal legs) 32 x 4 - 70 x 6 mm
 - Angles (unequal legs) 45 x 28 x 3 - 63 x 40 x 8 mm
 - Channels 50 - 80 mm
- Furnace capacity
 - up to 200 t/h
- Capacity
 - up to 1,000,000 t/y
- Finishing speeds
 - up to 20 m/s
- Material grades
 - Carbon steels, alloyed structural steel, antifriction bearing steel, spring steel

Furnace group

- Charging grates (2x), weighscale, descaler, insulated holding tunnel

Mill train

- Single strand, H/V- arrangement, 6 mill stands are of H/V-type
- Roughing train: 2 x Model 670, 4 x Model 440
- Intermediate train: 6 x Model 390
- Finishing train: 6 x Model 390
- Associated shears
- Loopers: 6 x vertical

Cooling bed group

- Water cooling line, pinch roll unit
- Cooling bed shear
- Cooling bed 102 x 13 m

Continuous finishing shop

- In-line straightening machine (10 rollers),
- Flying cold shear
- Piling and stacking facilities (magnetic-type)
- Tying machines
- Various associated equipment, e.g. stoppers, chain transfers, roller tables, etc.



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