

Bar mill



Design
Supply
Service



Bar mill

Technical data

- Starting stock
 - Billets 160 x 160 x 6,000 mm
 - 130 x 130 x 6,000 mm
 - 12,000 mm length is possible as well
- Finished product
 - Rebar \varnothing 8 three-strand slit TMT
 - Rebar \varnothing 10 two-strand slit TMT
 - Rebar \varnothing 12 – 40 mm TMT
 - Small flats, angles and channels are possible as well
 - Sub-bundles 100 – 400 kg
 - Master bundles 1 – 3 t
- Furnace capacity
 - 40 t/h (80 t/h)
- Capacity
 - up to 400,000 t/y
- Finishing speed
 - up to 20 m/s
- Material grades
 - Carbon steels, alloyed structural steel grades

Furnace group

- Charging grate, hot charging, elevator, online induction heater

Mill train

- Single-strand H/V arrangement, two stands are H/V type
- Roughing train: 4 x Model 600, 2 x Model 440, free outlet after stand #2
- Intermediate train: 4 x Model 440, 4 x Model 340
- Finishing Train: 6 x Model 340
- Associated shears
- Loopers: 8 x vertical, 6 x single strand, 2 x multi strand

Cooling bed group

- Water quenching line, thermocoil®
- Cooling bed shear
- Cooling bed 66 x 10 m

Continuous finishing shop

- Stationary cold shear 3,000 kN
- Counting system
- Small-bundle forming
- Tying machines (4 x)
- Various associated equipment, e.g. stoppers, chain transfers, roller tables, etc.

