

Bar Mills

Design · Supply · Service



Bar Mills

Starting Stock

- Billets 160 x 160 x 12,000 mm
130 x 130 x 12,000 mm

Finished product

- Rebar 8 three-strand slit TMT
- Rebar 10 two-strand slit TMT
- Rebar 12-40 mm TMT
- Flats, angles and channels are possible too
- Sub-bundles 100-400 kg
- Master bundles 1 MT-3 MT

Furnace Capacity

- 80 MT/h

Capacity

- 400,000 MT/y

Finished speed

- 16 m/s (20 m/s)

Material grades

- Carbon steels, Alloyed Structural
Steel grades

Furnace Group

- Charging grate, Hot charging,
Elevator, Induction online heater

Main train

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

Cooling bed group

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

Continuous finishing shop

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

