### MAIN EQUIPMENT SPECIFICATION

**Reheating Furnace**
- Walking beam type
- 100t/h

**Mill**
- Roughing:
  - 2 stands - φ600 H
  - 4 stands - φ550 H
  - 2 stands - φ480 H
- 1st Intermediate:
  - 2 stands - φ480 H
  - 4 stands - φ430 H
- 2nd Intermediate:
  - 4 stands - φ340 V/H x 2 lines
- Finishing:
  - 10 stands - φ210/160 S-HUM Block mill x 2 lines

**Mill Motor**
- Total 17,000 kW (AC-Variable speed)

### GENERAL SPECIFICATION

**Type of Mill**
- Continuous Wire Rod Mill

**Production Capacity**
- 400,000 t/y

**Steel Grade**
- Carbon steel wire rod

**Billet Size**
- 120 to 155 mm sq. x 6 to 12 m (Max. 2,100 kg)
- 160 mm dia. x 6 to 12 m (Max. 1,890 kg)

**Product Size**
- Wire rod - φ5.5 to φ16 mm
- Reinforcing bar - D10 to D13

**Type of Rolling**
- 2-strand rolling

**Rolling Speed**
- Max. 80 m/s

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1: Billet Receiving Table  
2: Reheating Furnace  
3: Roughing Mill Train  
4: No. 1 Intermediate Mill Train  
5: No. 2 Intermediate Mill Train  
6: Finishing Mill  
7: Crop and Cobble Shear  
8: Crop and Chopping Shear  
9: Water Cooling Zone  
10: Laying Reel  
11: Laying Conveyor  
12: Hook Conveyor  
13: Hook to Hook Transfer  
14: Coil Compacting and Binding Machine  
15: Coil Weigher  
16: Coil Unloader