



Acesita, Brazil (ArcelorMittal Timoteo)

ZR 21-44 Sendzimir Mill

Mill Modernisation

Project Data Sheet

Client: Acesita (ArcelorMittal Timoteo)
Project: Sendzimir Mill Modernisation

Improvements and benefits:

- 30% Increased speed
- Significant reduction in strip breaks
- Faster roll change
- Ultra fast roll gap open

Scope of supply:

- New pay-off reel motor base
- Position transducer mountings for closed loop AGC
- Valve stand for screwdown cylinder control
- Push – Push hydraulic lateral adjust of first intermediate rolls
- Position transducer mountings for crown adjustment system
- Rotary encoder mountings for side eccentric adjustment system and lower screwdown system
- New mill front door and back plate
- New side guide hydraulic motor and rotary encoder for automated control
- Hydraulic clamping of backing rolls
- Supports for strip speed and temperature measurement devices
- New drive controls and operator HMI (by ABB)
- Entry and exit shears

Mill Type: Coil Build-up and Side Trimming Line

- Size ZR21BB-44 (Originally manufactured by Hitachi)
- Products Silicon steels, G.O. and Non G.O.
- Strip width 600 to 1100 mm
- Strip thickness 6.0 mm max entry / 0.2 mm min exit
- Speed 1000 mpm (1200* mpm future with new gearbox)

To contact SMS group Technical Services (UK) Ltd and to download other data sheets :

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