



MET-TECH | Product Data Sheet

SENDZIMIR ROLLING MILL - 315-815 MM - 0.03-3.0 MM

Ref. No.: ROLLMILLSENDZ170701

Year: 1980 / 1996

Brand: VALLOREC SOLEMES

Qty. 1 Second-hand Sendzimir rolling mill

Mfc.: VALLOREC SOLESMES Type

LINE SPEED: 400 MPM

STRIP WIDTH: 315 ~ 815 MM GAUGE

COIL WEIGHT: 10 TON Coil dia.

Material Type: Common steel, SUS (Class 200, Class 300, Class 400)

TENSION DIA.: 508 ~ 1,600 MM CAPACITY

Transformers Mill motor: Qty. 1 - 1000 kVA / 6600 V / 580 V

Left & right reel motor: Qty. 2 - 1000 kVA / 6600 V / 580 V

Electrical system: Built

Detail specification of mill & tension reel motors

(motor RPM, DC or AC, motor rating, overloading can be done)

Coil Wide: 350 ~ 815 mm Coil Dia.

Coil Max.: 10 Ton Gauge

Tension: Max. 8.5 ~ 15.5Ton Min. 400kg 3 Mode Tension

Line Speed: 6 ~ 10 MPM Creeping Speed

3 Mode Speed: 260 / 320 / 500 MPM

DC Drive System: System Design & Manufacture Specification

Mechanical Details of Speed: Step/Tension

Speed Step Step1 Step 2 Step3

Motors Used 2 2 2

Tension(tons) 15.5 13.4 8.5

Max. Speed (m/min) 260 320 500

Mechanical Inertia (m2kg) 110 110 110

Entire Inertia (m2lg) 335 335 335

Speed reduction ratio 4.148 4.148 4.148

Left & Right Reels Quantity: Left reels

Operational Characteristics: Two motors driven in series electrically

Mechanical & Electrical Specs Mandrel Diameter: 508 mm

Inertia of one motor: 112.5 m²kg Mechanical Inertia

Total Rotor Power = 680 kW 50% overload for 1 minute; 10% overload for 30 minutes

Motor Specification Nominal Power = 680 kW

Max. Voltage = 580 V/1305*2/V Rated Current = 1250/1340 Amps.

Max. Current = 2400 Amps.

Speed = 0-560/1300 RPM (1 motor) 0-280/1300 RPM (2 motors)

Mill Specification

Quantity: One Work Roll

Inertia (GD2): Motor

Speed Increase Ratio: 1

Capacity of filtration system

a. Dimension: ?1,800 * 3,000 mm H **b. Capacity**

Provision of installation of AFC: None (Machine structure allows installation)

Detail of spares

a. 1st Roll: 24 ea (Akers) **b. 2nd Drive Roll**

c. 2nd Immediate Roll: 4ea (Shintoku, Akers)

d. Grinding Wheel: #120(4ea), #240(8ea), #320(8ea), #400(8ea), #600(8ea)

Back bearing diameter & width: ?160 * 7set * 8axis