



MET-TECH | Product Data Sheet

REBAR MILL PRODUCTION LINE - BILLET 110x110 & 130x130 - BAR D10-D36 - W

Ref. No.: REBARMILL170801

Year: 1975 OVERHAULED 1993

Brand: MHI, KHM, KOBE STEEL, MORGADSHAMMER

Qty. 1 Second-hand rebar production line

Mfc.: Mitsubishi Heavy Industry, Kawasaki Heavy Machinery, Kobe Steel, Morgardshammer

Built: 1975 Overhauled

Entry material billet: 110 mmx110 mm & 130 mmx130 mmx11 m length

Capacity: 400,000 T/A

Final product Rebar D10?D36 Run bar 12 mm??36 mm?, Length 6 m?15 m

Wire rod coil 5 mm??16 mm?

Power supply: 60 Hz, AC 440 V, 1200 kW & 60 Hz, AC 1 kV, 3,000 kW

DC 750 V (440 V), 9,000 kW =12,000 kW

Scope of supply:

- 1.) 4 Faces billet grinding system
- 2.) Walking hearth / width 12 m*length 20 m 60 ton/h reheating furnace
- 3.) Roughing mill train 4.) 1st Intermediate mill train
- 5.) 2nd Intermediate mill train 6.) 1st Finishing mill train
- 7.) 3th Finishing block mill train 8.) Rebar finishing mill and cooling bed
- 9.) Coil equipment
- 10.) Public equipment and work shop machine
- 11.) Electric equipment and control panel

ITEM DESCRIPTION

1 Entry material billet: 110 mmx110 mm?130 mmx130 mmx11 m length

Capacity: 400,000 tpy

2 Entry product Rebar D10?D36 Runbar 12 mm??36 mm?, length 6 m?15 m

Wire rod coil 5 mm??16 mm?

3 Power supply: 60 Hz, AC 440 V, 1200 kW 60 Hz, AC 1 kV, 3,000 kW

MET-TECH GmbH
Industrivertretung & Handel
Am Ringelsberg 8
61381 Friedrichsdorf
Germany

Günter Himmel
Tel. +49 (0)6007 / 1790
Fax. +49 (0)6007 / 8260
Car phone: +49 (0)162 / 9442316
Email: info@met-tech.de

DC 750 V (440 V), 9,000 kW =12,000 kW

4 Reheating furnace Capacity: 60 ton/hr - continuous

Type: walking hearth / width 12 m*length 20 m / 3 zone Fuel

Manufacturer: Kawasaki heavy machinery

5 Roughing mill train 7xstand / 7 pass / 1H - 2V - 3H - 4V - 50V - 51H - 52V

Power: 1H, 2V / DC 150 kW + 3H, 4V / DC 200 kW + 50 V / 450 kW
+ 51H / 250 kW + 52V / 450 kW

DC motor +reducer gear box with pinoin + mill stand

Roller dia.: 1H 530 mm ? / 800 mm L; 2V, 3H, 4V, 50V 480 mm?/ 700 mm L;

51H, 52V 430 mm ?/ 700 mm L

Manufacturer: Kobe Steel

6 1st Intermediate mill train 5xstand / 5pass / 6H - 7V - 8H - cutting head - 9V - 10H

-repeater

Power: 6H / DC 325 kW + 7V / DC 425 kW + 8H / 325 kW + 9V / 450 kW
+ 10H / 325 kW

DC motor + reducer gear box with pinion + mill stand

Roller dia.: 430 mm ?/ 700 mm L, Manufacturer

7 2nd Intermediate mill train 4xstand / 4pass / 11V - 12H - 13V - 14H - cutting head

Power: 11V / DC 500 kW + 12H / DC 400 kW + 13V / 500 kW + 14H / 350 kW

DC motor + reducer gear box with pinion + mill stand

Roller dia.: 330 mm?/ 600 mm L, Manufacturer

8 1st Finishing mill train 6xstand / 6 pass / 15V - 16H - 17V - 18H - 19 - 20H

Power: 15V / DC 500 kW + 16H / DC 400 kW + 17V / 600 kW + 18H / 400 kW

+ 19V / 500 kW + 20H / 350 kW

DC motor + reducer gear box with pinion + mill stand

Roller dia.: 300 mm?/ 500 mm L, Manufacturer

9 3th Finishing block mill train 8xstand / 8 pass / BM31V - BM32H - BM33V - BM34H

- BM35V - BM36H - BM37V - BM38H

Power: BM31V?BM38H / AC Motor 3,000 kW *1s

Brock mill train reducer gear box with pinion , non-twist

Roller dia.: 170 mm?/ 120 mm L, Manufacturer

10 Bar finishing mill train 1xstand / 1pass / barh

Power: Bar / DC 450 kW

DC motor + reducer gear box with pinion + mill stand

Roller dia.: 330 mm?/ 600 mm L,

Type: bar - product cutting section to cooling bed

11 Cooling bed and cutting section and packing Type: auto. chain type

Dimensions: W 8 m x L 28 m Water cooling system

Product length: 6 m?20 m,

12 Coil system cooling conveyors 250 m / hook*60 s - roller type

Automatic coil tying machine Weighing scale and label printer equipment

Automated coil transfer car

13 Operating type PLC system automatic control

14 Online operator 15 manx3 team; technician=3man

15 Factory area Heavy building W 24 m x L 252 m x H 12 m x 2=12,096 m²
with crane loading 20ton

SUBTOTAL SUPPLY EQUIPMENT WEIGHT 2,162TON

Please advise if further information is requested.