



Machinery Specification

(#5240)

TYPE: 9 Stand Merchant products & Bar Rolling Mill

AGE:1980's

DESIGN:Semi-cont. (3) 3-Hi roughing stands (6) in-line 2-Hi horizontal & vertical

CAPACITY:50,000 to 80,000 tpy (depending on operation parameters)

BILLET SIZE: 115mm to 135mm squares

PRODUCTS:

14mm to 25mm rounds

up to 22mm squares

9mm thick x 12mm to 23mm wide flats

4.5mm x 25mm x 50mm channels

BILLET HEATING: 60 TPH pusher type - gas fired

ROUGHING MILLS:

R1 = 560mm diameter x 1850mm 3-Hi stand - 1000kw-89rpm @rolls - 9 passes

R2 = 500mm diameter x 1500mm 3-Hi stand - same motor as above - 2 passes

R3 = 400mm diameter x 1200mm 3-Hi stand - 600kw-149rpm @ rolls - 2 passes

FINISHING MILLS:

K6 = 360mm x 600mm 2-Hi stand - 350kw- 600/1300rpm- horizontal

K5 = 360mm x 600mm 2-Hi stand - 350kw- 600/1300rpm - horizontal

K4 = 310mm x 600mm 2-Hi stand - 500kw- 600/1300rpm - Vertical

K3 = 310mm x 600mm 2-Hi stand - 500kw- 600/1200rpm- horizontal

K2 = 310mm x 600mm 2-Hi stand - 900kw- 192/320rpm - Vertical

K1 = 310mm x 600mm 2-Hi stand - 900kw-255/425rpm - horizontal

BEARINGS: All roller bearings (except - R1 & R2 - Bake Lite)

CROP SHEARS:Two flying crop and dividing shears

COOLING BED: walking beam type cooling bed- 16M wide x 45M long

FINISHING: Product shear, gage table, & banding Line

CONTROLS: yes

FEATURES:

2-Spare vertical stands

2-Spare horizontal stands

Many spare rolls, chocks and bearings

Complete operation

CONDITION: good - still installed

SUBJECT TO USA MACHINERY CORPORATION TERMS AND CONDITIONS FORM 487