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