



Machinery Specification

(#948)

<u>TYPE:</u>	13 Stand Bar Mill
<u>AGE:</u>	1988
<u>DESIGN:</u>	Semi-continuous – (1) Reversing rougher (12) horizontal & vertical
<u>CAPACITY:</u>	50,000 tpy (depending on operation parameters)
<u>BILLET SIZE:</u>	3” to 5” squares or rounds X up to 25’ long
<u>PRODUCTS:</u>	1/2” to 2-1/2” rounds 9/16” to 2-1/8” squares 9/16” to 2-1/4” Hex 3” x 3” x 1/4” angles 3” x 1/4” flats
<u>BILLET HEATING:</u>	Ajax 4 zone “in line” induction furnace- Zone 1= 4000kw ten coils Zone 2&3= 3000kw each, 12 coils, Zone 4= 1000kw ten coils, 2,375 deg.F, 400 KwH consumption
<u>ROUGHING MILL:</u>	Schloeman 2-HI Mill- 26” x 88” Reversing mill, 2000hp drive, Entry and exit shifting tables, pinion stand and gear reducer
<u>INTERMEDIATE MILLS:</u>	Five 15” 2-HI rolling stands – 4H &1V with 200/250hp motors
<u>FINISHING MILLS:</u>	Seven 12” 2-HI rolling stands – 3H & 4V with 350/500hp motors
<u>CROP SHEARS:</u>	Three flying crop and dividing shears 50hp each
<u>COOLING BED:</u>	130’ long x 15’ wide walking beam type cooling bed
<u>FINISHING:</u>	300HP product saw, 350 ton shear, 44’ gauge table with kickoffs
<u>CONTROLS:</u>	Solid state thyristor controls
<u>FEATURES:</u>	14 set up stands Spare rolls, chocks and bearings
<u>CONDITION:</u>	Very good

SUBJECT TO USA MACHINERY CORPORATION TERMS AND CONDITIONS FORM 487