



Machinery Specification

(#1075)

<u>TYPE</u>	4-HI Cold Rolling Mill
<u>MFG.</u>	Ruesch
<u>SIZE</u>	9" x 20" x 22"
<u>AGE</u>	1966 – major upgrade 1994 by I2S
<u>COIL SIZE</u>	24" ID X 20,000#
<u>COIL WEIGHT</u>	20,000 lbs.
<u>PREVIOUS USE</u>	.350" input X 18" wide specialty steels
<u>MILL SPEED</u>	200 - 400 FPM
<u>DESIGN</u>	Non reversing – work roll driven - right to left travel
<u>ROLL FORCE</u>	1,700,000# separating force
<u>MILL STAND</u>	Cast steel, 14" x 18" post size
<u>SCREW DOWNS</u>	Mechanical electrical
<u>DRIVE MOTOR</u>	(1) 500 HP, 650/1400 RPM, 250v D.C. shunt would, GE
<u>GEAR REDUCER</u>	Horsburgh & Scott combination pinion stand & gear reducer
<u>ROLL BEARINGS</u>	Roller type on work and back up rolls
<u>UNCOILER</u>	Hydraulic expanding mandrel type with stripper plate, new 1994 60 HP 650/1760 RPM, 500v DC Reliance motor, 4,900# back tension,
<u>RECOILER</u>	Hydraulic expanding mandrel type, new 1994, 20,000# tension 250 HP 2150 RPM, 500v DC Reliance motor, gripper slot
<u>FEATURES</u>	Roll change sled New uncoiler & recoiler 1994 Spare rolls, chocks, bearings
<u>CONDITION</u>	Good

SUBJECT TO USA MACHINERY CORPORATION TERMS AND CONDITIONS FORM 487