

EQUIPMENT SPECIFICATIONS

COLD MILLS

12" & 28" X 58" I2S, BRONX COLD MILL
TDI REFERENCE NUMBER: 63438

MANUFACTURER: I2S and Bronx
QUANTITY: 1.00

GENERAL SPECIFICATIONS:

MANUFACTURER: Other

ENTRY MATERIAL: Carbon Steel

ENTRY PRODUCT DIMENSIONS:

WIDTH MAXIMUM (INCHES): 49.210 Inches (1,249.934 mm)

THICKNESS MAXIMUM (INCHES): 0.150 Inches (3.810 mm)

STRIP:

COIL O.D. MINIMUM (INCHES): 78.750 Inches (2,000.250 mm)

COIL I.D. MAXIMUM (INCHES): 20 Inches (508.000 mm)

COIL WEIGHT (LBS.): 33,000 Pounds

COIL WEIGHT (TONS): 16.500 Tons (14.969 mt)

ROLLING MILL USE: Skin Pass

ROLLING MILL DESIGN: Non Reversing

MILL TYPE: 4 High

UNCOILER / PAYOFF REEL:

QUANTITY: 1

TYPE: Mandrel

MANDREL DIMENSIONS:

DIAMETER (INCHES): 20 Inches (508.000 mm)

CAPACITY (TONS): 16.500 Tons (14.969 mt)

DRIVE TYPE: Electro Mechanical

DRIVE MOTOR:

HORSEPOWER: 252 HP (187.992 kw)

ENTRY TENSION REEL:

DRIVE MOTOR:	
HORSEPOWER:	158 HP (117.868 kw)
MILL STAND:	
MILL SEPARATING FORCE (TONS):	605 Tons (548.847 mt)
WORK ROLLS:	
ROLL DIAMETER (INCHES):	12 Inches (304.800 mm)
ROLL FACE (INCHES):	58 Inches (1,473.200 mm)
BEARING TYPE:	Roller
BACK UP ROLLS:	
ROLL DIAMETER (INCHES):	28 Inches (711.200 mm)
ROLL FACE (INCHES):	58 Inches (1,473.200 mm)
BEARING TYPE:	Roller
DRIVEN:	Work rolls
SHOEPLATE:	
SHOE / SOLE PLATE:	Yes
SCREWDOWN:	
EXISTS:	Yes
COMPLETE:	Yes
SCREWDOWN TYPE:	Hydraulic
LINE SPEED (FPM):	300 Fpm (91.440 mpm)
MAIN MILL MOTOR:	
QUANTITY:	2
HORSEPOWER:	60 HP (44.760 kw)
EXIT TENSION REEL:	
QUANTITY:	1
TYPE:	Mandrel
MANDREL DIMENSIONS:	
DIAMETER (INCHES):	20 Inches (508.000 mm)
CAPACITY (TONS):	16.500 Tons (14.969 mt)
DRIVE TYPE:	Electro Mechanical