

EQUIPMENT SPECIFICATIONS

COLD MILLS

11" X 25" X 24" WATERBURY FARREL COLD ROLLING MILL
TDI REFERENCE NUMBER: 64230

MANUFACTURER: Waterbury Farrel
AGE: 1967
QUANTITY: 1.00

GENERAL SPECIFICATIONS:

MANUFACTURER: Waterbury

ENTRY MATERIAL: Steel

ENTRY PRODUCT DIMENSIONS:

WIDTH MINIMUM (INCHES): 6 Inches (152.400 mm)

WIDTH MAXIMUM (INCHES): 19 Inches (482.600 mm)

THICKNESS MINIMUM (INCHES): 0.035 Inches (0.889 mm)

THICKNESS MAXIMUM (INCHES): 0.200 Inches (5.080 mm)

FINISHED PRODUCT: Strip

STRIP:

WIDTH MINIMUM (INCHES): 6 Inches (152.400 mm)

WIDTH MAXIMUM (INCHES): 19 Inches (482.600 mm)

THICKNESS MINIMUM (INCHES): 0.035 Inches (0.889 mm)

THICKNESS MAXIMUM (INCHES): 0.200 Inches (5.080 mm)

COIL O.D. MAXIMUM (INCHES): 47 Inches (1,193.800 mm)

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

COIL WEIGHT (LBS.): 5,760 Pounds (2,612.690 kg)

ROLLING MILL USE: Temper

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)
FACE (INCHES):	21 Inches (533.400 mm)
GEAR RATIO:	20.2:1
DRIVE MOTOR:	
QUANTITY:	1
HORSEPOWER:	100 HP (74.600 kw)
RPM:	500-1200 Rpm
CURRENT:	DC
MILL STAND:	
WORK ROLLS:	
ROLL DIAMETER (INCHES):	11 Inches (279.400 mm)
ROLL FACE (INCHES):	24 Inches (609.600 mm)
BEARING TYPE:	Roller
BACK UP ROLLS:	
ROLL DIAMETER (INCHES):	25 Inches (635.000 mm)
ROLL FACE (INCHES):	24 Inches (609.600 mm)
BEARING TYPE:	Roller
DRIVEN:	Work rolls
DRIVE SPINDLE TYPE:	Geared
PASS LINE (INCHES):	42 Inches (1,066.800 mm)
SHOEPLATE:	
SHOE / SOLE PLATE:	Yes
LINE SPEED (FPM):	200/300 Fpm
PINION STAND:	
PITCH DIAMETER (INCHES):	11 Inches (279.400 mm)
HORSEPOWER:	500 HP (373.000 kw)
BEARING TYPE:	Roller
REDUCER:	
MILL DRIVE TYPE:	Combination Pinion Stand/Gear Reducer
HORSEPOWER:	500 HP (373.000 kw)
INPUT RPM:	350-1400 Rpm
GEAR RATIO:	12.1:1
BEARING TYPE:	Roller
APPROXIMATE WEIGHT (LBS.):	17,500 Pounds
MAIN MILL MOTOR:	
QUANTITY:	1
HORSEPOWER:	500 HP (373.000 kw)
RPM:	350-1400 Rpm
CURRENT:	DC
ROLL CHANGE:	Manual
EXIT TENSION REEL:	
TYPE:	Mandrel
DRIVE TYPE:	Electro Mechanical
DRIVE MOTOR:	
QUANTITY:	1

HORSEPOWER:	150 HP (111.900 kw)
RPM:	400-1000 Rpm
CURRENT:	DC
EXIT COIL CONVEYOR:	
LINE SPEED (FPM):	300/500 Fpm
APPROXIMATE OVERALL DIMENSIONS (FEET):	
LENGTH (FEET):	31 Feet (9.449 m)
WIDTH (FEET):	17 Feet (5.182 m)
HEIGHT (FEET):	14 Feet (4.267 m)
APPROXIMATE WEIGHT (LBS.):	270,000 Pounds
COMMENTS:	<p>Mill is dismantled and stored indoors. Mill was in process of upgrade when idled the existing electro-mechanical screw-downs were to be replaced with hydraulic AGC. Excluded from Supply; Electro-Mechanical Screwdown Assemblies, Mill Screw-down Platform, Entry and Exit Coil Cars, Deflector Rolls & Brakes for Payoff and recoiler drive _____ motors. This Mill is a Candidate for Conversion to a Cold Reversing Reduction Mill. With the addition of hydraulic HGAC, New Drive Assembly and Control. TDI can Supply Required Used/Re-built Components to Accomodate the Required Reversing Mill Drive Assembly. Call or Write us Today to Discuss.</p>

