

Equipment Specifications

Product: 64408

Product Description: 19.50" x 37.40"x 80" Danieli Four High Skin Pass Rolling Mill

Product Manufacturer: Danieli/Wean

Year of Mfg: 1997

Quantity: 1

Product Specifications:

19.50" x 37.40"x 80" Danieli Four High Skin Pass Rolling Mill

Material rolled: carbon steel

Material gauge .030" - .150"

Material width: 54"-65"

Work roll: forged steel hardened,

19.50" (500mm)/17.72 (450mm) worn x 82.69" roll face,

w/work roll polishers:

2 x 10" diameter x 82" roll face, silicon carbide

Back up roll: alloy grey Iron

37.40" (950mm)/33.86" (860mm) worn x 82.69" roll face

Max screw down force:

1000 Ton capacity, two hydraulic cylinders, located lower section of housing

Roll Force: 2,000,000 Lbs.

Work roll balance cylinder (positive roll bend):

55 Ton per chock, hydraulic cylinders

Back up roll balance cylinder, (negative roll bend):

45 Ton per chock, hydraulic cylinders

Post Size 440 Sq. In., per post, cast steel construction

Mill design data:

Tension pulling pinch rolls; 2 x 16" diameter hardened steel, hydraulic operation, drive motors 2 x 100 HP each, AC

Max tension 15,000 lbs.

Elongation rate 0-2.5%

Work roll and back up roll chocks both designed w/roller bearings

Equipped with: deflector rolls, anti-crimping and anti cross break roll,

Material travel Left to Right

Back up roll driven mill design twin reducers and drive spindles

Main drive motors, (2) each rated 300 HP

Mill speed 450 FPM

elongation: 2.5% max. 1.5% nominal mill elongation % chart available upon request, (gauge x width