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## EQUIPMENT SPECIFICATIONS

### TANDEM MILL

20" & 53" X 66" FOUR STAND TANDEM COLD MILL - "AVAILABLE IN ENTIRETY OR PIECEMEAL"  
TDI REFERENCE NUMBER: 64223

MANUFACTURER: Bliss  
QUANTITY: 1.00

#### GENERAL SPECIFICATIONS:

MANUFACTURER: Bliss

ENTRY MATERIAL: Carbon Steel

#### ENTRY PRODUCT DIMENSIONS:

WIDTH MINIMUM (INCHES): 24 Inches (609.600 mm)  
WIDTH MAXIMUM (INCHES): 60 Inches (1,524.000 mm)  
THICKNESS MINIMUM (INCHES): 0.015 Inches (0.378 mm)  
THICKNESS MAXIMUM (INCHES): 0.185 Inches (4.699 mm)

FINISHED PRODUCT: Strip

#### STRIP:

WIDTH MINIMUM (INCHES): 24 Inches (609.600 mm)  
WIDTH MAXIMUM (INCHES): 60 Inches (1,524.000 mm)  
COIL O.D. MAXIMUM (INCHES): 72 Inches (1,828.800 mm)  
COIL I.D. MINIMUM (INCHES): 19 Inches (482.600 mm)  
COIL I.D. MAXIMUM (INCHES): 28 Inches (711.200 mm)  
COIL WEIGHT (LBS.): 60,000 Pounds  
COIL WEIGHT (TONS): 30 Tons (27.216 mt)  
ANNUAL PRODUCTION (TPY): 1.145,000 Tpy

ROLLING MILL USE: Cold Reduction

COMMENTS:

Mill Installed 1954 Upgrades: 1990 - Bliss HAGC On All 4 Stands w/Long Stroke Cylinders. 1990 - Bliss Work Roll Bending all Stands, Roll Crowning, Shape Roll, WR Change Sled Stand 4, 2006 - ABB Shape Roll Control, Fluids Filtration System. Mill Last Operated 2009, Full Complement of Rolls, Chocks and Bearings, Spare Drive Motors.