

STATE OF THE ART COLD ROLLING MILL FACILITY

SURPLUS TO THE NEEDS OF NIPPON STEEL NISSHIN - ZNW FACILITY

FACILITY OFFERED AS TURNKEY OR INDIVIDUALLY



ALL EQUIPMENT AND FACILITIES BUILT NEW IN 2015!

- Primetals Z-High Reversing Cold Rolling Mill
- Tenova-LOI Hydrogen Bell Annealing Furnaces
- CNC Roll Grinders: Tenova Pomini and More
- Well Time Steel Coil Recoil Line
- Qingdao Shinto Shot Blast Machine
- (8) Bridge Cranes Up-to 32 Tons
- (2) 60 Ton Coil Transfer Cars
- State of the Art Metallurgy Laboratory

SALE OFFERED BY:

**NATIONAL
MACHINERY
EXCHANGE, INC.**

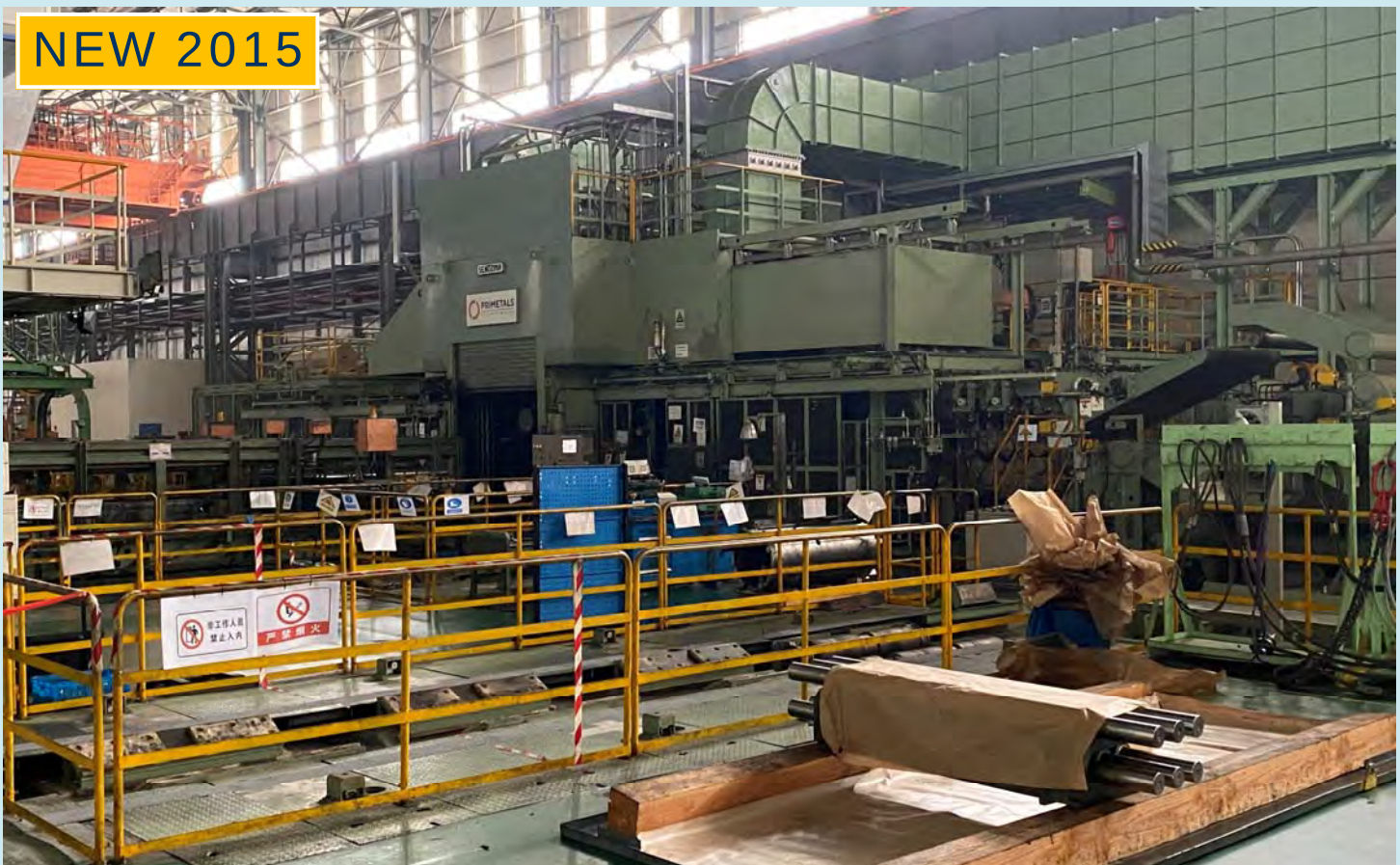
**APOLLO
METAL
TECH
CO., LTD.**

1250mm PRIMETALS/MITSUBISHI HITACHI Z-HIGH REVERSING COLD ROLLING MILL

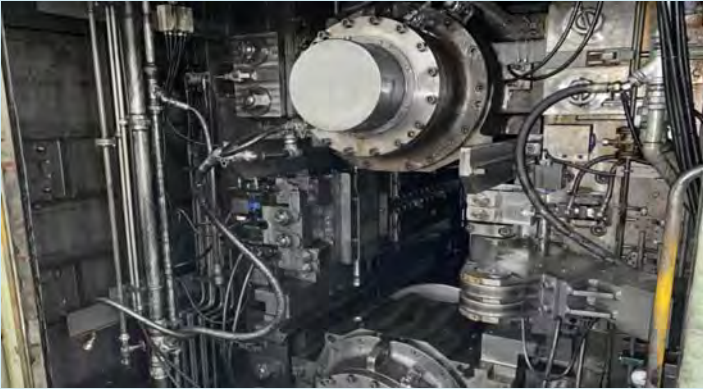
NEW IN 2015 - IMMACULATE CONDITION

Production Output - 15,000 Ton/M
Z-High Type (Mill Can Be Run as 4HI and 6HI Configuration)
Width Range - 600mm - 1250mm
Thickness Range - 11mm - 0.3mm (Input) 10mm - 0.2mm (Output)
Coil Weight - 25 Ton (27 Ton W/ Sleeves)
Coil Inside Diameter - 508mm, 610mm, 762-708mm
Coil Outside Diameter - 2000mm (2200 W/ Sleeves)
Maximum Tr Tensions - 294kn @ 600 Mpm
Roll Diameter (6HI) - 125-135mm Wr | 303-318mm lmr | 1010-1100mm Bur
Roll Diameter (4HI) - 440-440mm Wr | 1010-1000mm Bur
Mill Coolant Spray - 4000 L/Min 90 Kw X 2
Coolant - 40m3 Coolant Tank + Vacuum Filter + Electromagnetic Filter
Main Mill Motor - 4200 Kw
Reel Motors - 3300 Kw (2x)
Payoff Reel Motor - 550kw
Mill Automation - AGC, ASC
Shapemeters - Yes, Kobelco(2)
Xray Gauges - Yes (2)

STOCK #114440



1250mm PRIMETALS/MITSUBISHI HITACHI Z-HIGH REVERSING COLD ROLLING MILL



4400mm (172") X 2000mm (78")
TENOVA LOI HYDROGEN BELL
ANNEALING FURNACE, NEW 2015

Manufacturer - Tenova LOI (Germany)
Atmosphere - Hydrogen
Number of Bases - 8
Number of Furnaces - 5
Number of Cooling Jackets - 3
Maximum Stack Height - 172" (4400mm)
Maximum Diameter - 78" (2000mm)
Maximum Coil Weight - 25 Ton
Base Product Max Weight - 94 Ton
Temperature Maximum - 950 OC Furnace | 770 OC Atmosphere
Heating Bell Burning Fuel - Natural Gas Ng (36mj / Nm3)
Motor Per Furnace - 22kw, RC Motor Fan

STOCK #114441



1250mm (48") x 6mm (.236")
WELL TIME STEEL
COIL RECOIL LINE, NEW 2015

Manufacturer – Well Time Steel (Taiwan)
Type – Coil Recoil Preparation Line
Width Range – 600mm – 1250mm
Thickness Range – 0.6mm – 6mm
Maximum Coil Weight – 25 Ton (27 Ton With Sleeve)
Maximum Coil Od – 2000mm (2200mm With Sleeve)
Coil Id Range – 508mm, 610mm, 762mm
Line Speed – 120-200mpm
Line Direction – Right To Left
Max Tension - 75kn
Finish Leveler - Wr Dia 90mm X 5 (Upper 2, Bottom 3), Motor 110kw

STOCK #114442



400mm (15.72") X 3500mm (137")
TENOVA POMINI CNC ROLL
GRINDER, NEW 2015

Manufacturer – Tenova Pomini
Type – CNC Roll Grinder
Grinding Diameter – 40mm – 400mm
Center Distance – 3500mm
Maximum Roll Weight – 1500 Kg
Grinding Accuracy – Cylindricity, Roundness 5/1000 Or Less
Main Motor – 15 Kw Whetstone, 3.5kw Spindle
Automeasuring Head (Dia Roundness, Cylindricity)

STOCK #114443



1250mm (48") X 5000mm (196.5")
SHANGHAI MACHINERY CNC
ROLL GRINDER, NEW 2015

Manufacturer – Shanghai Machinery Co.
Type – CNC Roll Grinder
Grinding Diameter – 200mm – 1250mm
Center Distance – 5000mm
Maximum Roll Weight – 30 Ton
Grinding Accuracy – Cylindricity, Roundness 5/1000 Or Less
Main Motor – 75 Kw Whetstone, 55kw Spindle
Automeasuring Head (Dia Roundness, Cylindricity)

STOCK #114444



QINGDAO SHINTO SHOT BLAST MACHINE

Manufacturer – Qingdao Shinto Machinery

Type – Rolling Mill Work Roll And Back-Up Roll Shot Blast Machine

Small Diameter WR Capacity – 60mm – 150mm Dia. X 1800

Length X 200 Kg

Large Diameter IMR/4HI WR Capacity – 200mm – 500mm Dia. X 3500 Length X 3000 Kg

Main Motor – Impeller 22 Kw

Exhaust Fan Motor – 7.5 Kw

STOCK #114445



PLANT SUPPORT EQUIPMENT

(2) 32 TON/5 TON X 30 METER (98.4') SHANGHAI HEAVY INDUSTRIES BRIDGE CRANES, NEW 2015

Manufacturer – Shanghai Heavy Industries

Max Weight – 32 Ton / 5 Ton

Max Span – 30 Meter

(3) 32 TON X 30 METER (98.4') SHANGHAI HEAVY INDUSTRIES BRIDGE CRANES, NEW 2015

Manufacturer – Shanghai Heavy Industries

Max Weight – 32 Ton

Max Span – 30 Meter

33 TON/5 TON X 30 METER (98.4') SHANGHAI HEAVY INDUSTRIES BRIDGE CRANE, NEW 2015

Manufacturer – Shanghai Heavy Industries

Max Weight – 33 Ton / 5 Ton

Max Span – 30 Meter

10 TON X 17 METER (55') SHANGHAI HEAVY INDUSTRIES SEMI GANTRY CRANE, NEW 2015

Manufacturer – Shanghai Heavy Industries

Max Weight – 10 Ton

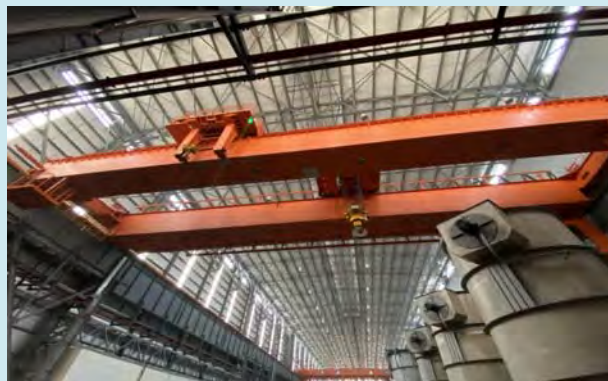
Max Span – 17 Meter

5 TON X 17 METER (55') SHANGHAI HEAVY INDUSTRIES SEMI GANTRY CRANE, NEW 2015

Manufacturer – Shanghai Heavy Industries

Max Weight – 5 Ton

Max Span – 17 Meter



PLANT SUPPORT EQUIPMENT



PLANT SUPPORT EQUIPMENT

(2) SHANGHAI HEAVY INDUSTRIES 60 TON COIL TRANSFER CARS

Manufacturer – Shanghai Heavy Industries

Max Coil Weight – 60 Ton

Max Coil Width – 1250mm

Max Coil OD – 2000mm

25 TON SHANGHAI HEAVY INDUSTRIES COIL UPENDER

Manufacturer – Shanghai Heavy Industries

Max Weight – 25 Ton

Coil OD – 2000mm

Coil Width – 1250mm

100 TON METTLER TOLEDO TRUCK SCALE

25 TON METTLER TOLEDO COIL LIFTERS



WASTE WATER TREATMENT EQUIPMENT, NEW 2015

Manufacturer - Gosu Fujikamizu Process

Receiving Water – 46t/Hr X 0.1mpa

Water Tank – 800m3

Water Quality Improvement Processing Method – Ro Mem-

brane Production Volume - 32t/Hr

Cooling Water Method – Cooling Tower Circulating Water Vol-
ume – 427t/Hr X 3 Units

Water Treatment Method – Distillation Concentration Pro-
cessing Amount – 0.5t/Hr

Water Quality Improvement Tank Specifications – Filtered Raw
Water 100m3, Ro Raw Water 75m3, Demineralized Water
200m3

Main Equipment Motor – (4) Cooling Water P 40kw + (4) Cool-
ing Fan 15 Kw

Water Oil Treatment Tank Specifications – Waste Oil Pit 100m3,
Drainage Tank 150m3



POWER SUPPLY EQUIPMENT, NEW 2015

Manufacturer - Sumitomo Corporation (Shanghai) Ltd.

Power Receiving Capacity – 20kv, 3 Phase, 50 Hz

UTILITY SUPPLY EQUIPMENT, NEW 2015

Manufacturer – Shanghai Shan Jia-Aun Custom Process

Air Pressure – Screw Type Air Compressor – Production Volume
– 23.4m3 (Min) X 2, 0.69 Mpa

Ng – Acceptance Capacity 827m3/Hr, Governor 0.2-0.3mpa –
0.01mpa

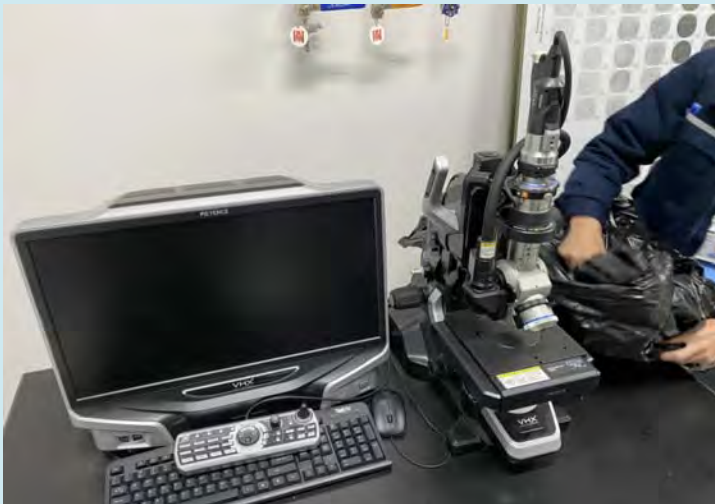
Steam – Acceptance Capacity – 5.8 T/Hr X 0.5mpa



STATE OF THE ART METALLURGY LABORATORY

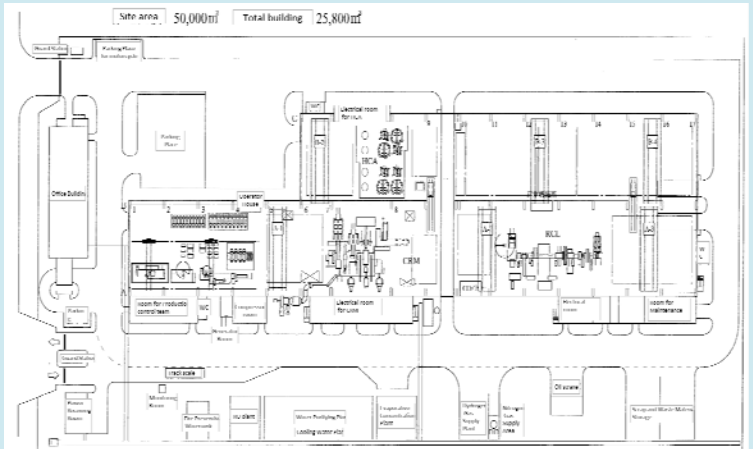
- Zwick/Roell Z250SH Floor Mounted Tensile Testing Machine
- Wilson VH1150 Macro Vickers Hardness Tester
- Wilson Rockwell WH-574T Hardness Tester
- Mitutoyo SV-2100M4 Series Contour Measuring System
- Zeiss Axio Observer ZLM Inverted Motorized Microscope
- Ametek Spectro
- Advanced Materialography (ATM) Brilliant 200 Cutoff Machine
- Advanced Materialography (ATM) Opal 410 Hot Mounting Press
- Keyence VHX-5000 2D/3D Microscope

AND MUCH MORE!!!



COMPLETE TURNKEY OPPORTUNITY AVAILABLE

50,000 SQ. METER SITE BUILT NEW IN 2015!



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