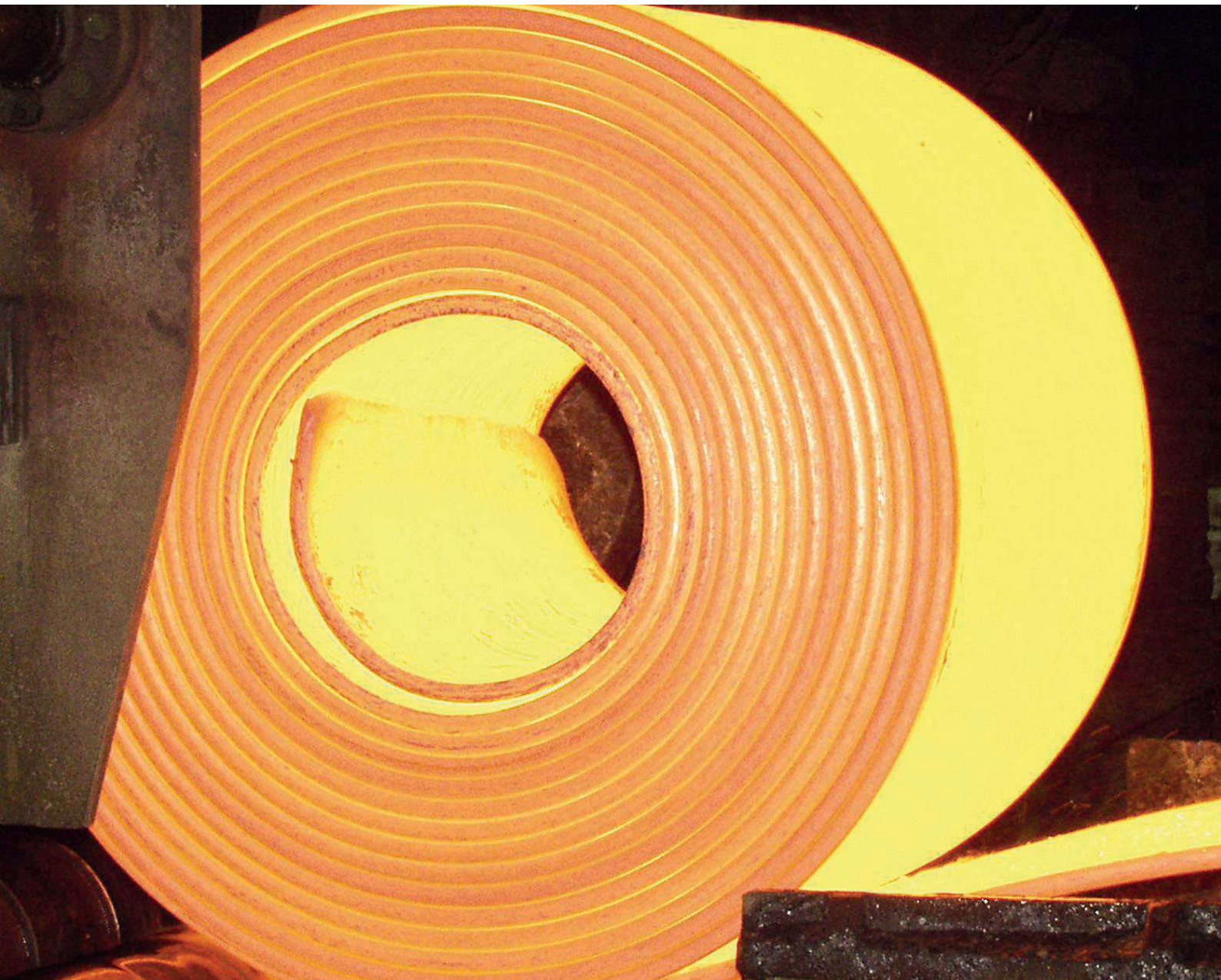


PRIVATE TREATY SALE

**2 MILLION TONS PER ANNUM FLAT STEEL PRODUCTS PLANT,
ADDITIONAL LONG PRODUCTS EQUIPMENT
AND 115MW DIESEL GENERATOR POWER STATION**

AVAILABLE FOR IMMEDIATE SALE



Available assets include:

- STS 4-strand billet caster (YOM 2008) - Unused
- Rokop 5-strand billet caster (YOM 1995) - Unused
- Mannesmann DEMAG 2-strand thin slab caster
- Mitsubishi 5-strand 4-high hot strip mill (YOM 1998) - Unused
- UBE Industries 700,000 TPA hot skin-pass mill (YOM 1998) - Unused
- Nippon Steel Corporation 150T ladle furnace (YOM 1998) - Unused
- 2.5MT/A Pelletization plant (components only) - Unused
- 2x Vai Fuchs 80T electric arc furnace (YOM 2000)
- 3x Inductotherm 30T induction furnace (YOM 2008) - Unused
- 5x Sulzer 10.56 MW diesel generator sets (YOM 1994)
- 6x Wärtsilä 10.51 MW diesel generator sets (YOM 1997)
- 10x overhead cranes by Hyundai, Samjung & Bando ranging from 12T - 110T - Unused



4-Strand Billet Caster



- Finished product size: 130mm x 130mm / 160mm x 160mm
- Make: STS, Italy
- YOM: 2008
- Quantity: 1 (complete set with its auxiliaries)

Technical Specification

- Ladle capacity: 110T
- Strand center to center: 1.3m
- Mould type: Curved, tubular, multi-tapered, 7m radius
- Cutting length: 6m - 14m (max)
- Casting speed: 6m / min (max)
- Ladle turret capacity: 170T (max)
- Tundish capacity: 15T - 18T
- Mould length: 1m
- Machine radius: 8m
- Mould lubrication: Oil fed

5-Strand Billet Caster



- Make: ROKOP
- YOM: 1995
- Quantity: 1

Technical Specification

- Machine radius: 10m
- Strands center to center: 1.524m
- Billet size range: 130mm - 171mm sq
- Billet length: 12m (max)
- Mould length: 1m

Thin Slab Caster

- Capacities: 2.03 MTPA
- Make: Mannesmann DEMAG
- YOM: 1998
- Quantity: 2 (2-strand slab caster and one line of hot strip mill complete with auxiliaries)

Technical Specification

- Output sizes: 80mm - 100mm thickness and 800mm - 1350mm width
- Liquid core reduction: 100mm - 80mm
- Casting speed: 6m /min (max)
- Average sequence of production: 5 heats / cast
- Ladle turret capacity: 260T (max)
- Slewing radius: 5.5m
- Tundish capacity: 30T
- Tundish turret: Rotating arm
- Mould type: Resonance
- Oscillator type: Hydraulic servo mechanic
- Cooling: Air mist

Reduction Rolling Mill (2-Strand)

- Reduction mill unit: 2-high strand = 01 Nos. (each strand) and 4-high strand = 02 Nos. (each strand)
- Slab thickness: 80mm - 100mm
- Slab width: 900mm - 1350mm
- Transfer bar thickness: 15mm - 30mm
- Main drive R1: 800kW
- Main drive R2: 2000kW
- Main drive R3: 2000kW
- Yield: 99%

Hot Strip Mill

- Max. thickness: 1.0mm - 12.7mm ($\pm 30 \mu\text{m}$ of $\pm 50 \mu\text{m}$)
- Maximum width: 800mm - 1350mm ($\pm 5 \text{ mm}$)
- Maximum coil weight: 24T
- Main motor F1 - F4: 6000kW
- Main motor F5: 4000kW
- Yield: 98.5%
- Grade capacity: High carbon grade, low carbon grade and high strength alloy grads
- Main component: Crop shear, FM scale breaker, stand and 4-high mill, ROT and strip cooling 2-set hydraulic downcoiler



80T Electric Arc Furnace

- Capacity: 80T Shell
- Make: VAI Fuchs
- YOM: 2000
- Equipment: Shell and Transformer (Tamini)
- Quantity: 2

Technical Specification

- Transformer: 72MVA
- Electrode diameter: 559mm
- Yield: 91%
- Bath volume: 13m³ sq (approx)
- Bath depth: 905mm
- Hot heel: 8T
- Refractory volume: 27m³ (approx)
- Cooling area: 41m sq
- Light oil burner: 3x3 MW
- O2 injection: 3x300 Nm³/h
- O2 door lance injection: 1 x 3500 Nm³/h

Inductotherm 30T Induction Furnace



- Capacity: 30T
- Manufacturer: Inductotherm India
- YOM: 2008
- Quantity: 3 (complete set with its auxiliaries)

Technical Specification

- Power: 18MW
- Main transformer: 2x10.35 MVA for each furnace
- Steel frame furnace: 30,000kg (system weight)
- Vibratory charge car: 750Cu Ft

150T Ladle Furnace

- Make: Nippon Steel Corporation
- YOM: 1998
- Quantity: 1 (twin shell complete set)

Technical Specification

- Type: Rotating arm
- Heat size: 100T - 150T
- Transformer rating: 22 MVA
- Secondary voltage: 220, 310, 400V
- Secondary current: 40kA
- Electrode size (diameter): 400mm
- Heating rate: 4°C / min
- Argon stirring: 2 plugs
- Electrical consumption: 0.45kWh / t /°C
- Electrode consumption: 10g / kWh
 - No. of injection wires: 4
 - Nominal treatment time: 40 min
 - Electrode consumption : 10g / kWh



Hot Skin-Pass Mill

- Capacity: 700,000 TPA
- Make: UBE Industries
- YOM: 1998

Technical Specification

- Material: Carbon steel and low alloy steel
- Thickness: 1.0 - 6.4mm
- Width: 800 - 1350mm
- Coil weight: 24,000kg (max)
- Coil diameter: Entry ID. 762mm, OD. 1000 - 1950mm
- Delivery ID. 762mm, OD. 900 - 1950mm
- Strength: TS < 65kg / mm²
- Max. reduction: 0.5 - 4% at mild steel
- Flatness: Minimum of 14IU
- Telescopicity: +/- 8mm full coil except 3 wraps of ID and OD

2.5MT/A Pelletization Plant (components only)

- Capacity: 2.5 MT/Y
- Equipment: Rotary kiln and ball mill
- Make: CEMTEC

Technical Specification

- Rotary kiln: Ø 6.14m x 40m LG
- RPM: 0.96, 0.45-145 RPM speed range
- Grain size: 5mm - 16mm
- Inclination: 4.25%
- Capacity: 316 TPH
- Balling disc: Ø 7500mm
- Disc depth: 650mm
- Rotation speed: 5 - 11 RPM
- Inclination: 45° - 55°
- Install power: 220Kw



Overhead Cranes



Hyundai

- 1x 110 / 40T, 21m span ladle crane

Bando

- 1x 90 / 30T, 30.5m span mill line crane

Samjung

- 1x 40 / 12T, 26.8m span mould and segment shop crane
- 1x 45 / 12T, 19.5m span motor room crane
- 1x 40 / 12T, 30.5m span coil yard crane
- 4x 30 / 12T, 27.8m span coil yard crane
- 1x 30 / 12T, 30.5m span coil yard crane

115MW DIESEL GENERATOR POWER STATION

Diesel Generator Sets & Alternators

Technical Specification

- Alternator manufacturer: GEC Alstom
- Rated speed: 500 RPM
- Frequency: 50 Hz
- Engine type: Vassa12V46
- Capacity: 10.51MW
- Make: Wärtsilä
- YOM: 1997
- Quantity: 6

Technical Specification

- Alternator manufacturer: ABB
- Rated speed: 500 RPM
- Frequency: 50 Hz
- Engine type: 16ZAV40S
- Capacity: 10.56MW
- Make: Sulzer
- YOM: 1994
- Quantity: 5



Important Information

Viewing: By Appointment Only
Location: Dammam, Saudi Arabia

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