# INCOMING RAW MATERIAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Material Rolled</th>
<th>Carbon Steel Slab</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mill Capacity</td>
<td>2,080,000 tons / Year</td>
</tr>
<tr>
<td>Material Slab</td>
<td>Thickness 7 - 10 Inches</td>
</tr>
<tr>
<td></td>
<td>Width 24 - 75 Inches</td>
</tr>
<tr>
<td></td>
<td>Length 158 - 441 Inches</td>
</tr>
<tr>
<td></td>
<td>Weight Max. 37.5 Tons</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Equipment</th>
<th>No.</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reheating Furnaces</td>
<td>1</td>
<td>8 Zone, Walking beam, Natural gas</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Width: 38’ - 9”, Length: 137” - 10”, S/B Capacity: 350 tons per hour</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Manufacturer: CHUGAIRO</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Start up date: April 1997</td>
</tr>
<tr>
<td>Roughing Mill</td>
<td>1</td>
<td>Horizontal Scale breaker:</td>
</tr>
<tr>
<td>Manufacturer: METSA</td>
<td>1</td>
<td>Scale removal and thickness reduction</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>R1: Broadside Mill, 4 high nonreversible</td>
</tr>
<tr>
<td></td>
<td></td>
<td>R2-R5: 4 high nonreversible with edger</td>
</tr>
<tr>
<td>Pinch Roll Scale Breaker</td>
<td>1</td>
<td>2 headers top, 2 headers bottom</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Maximum pressure: 3,000 psi</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Upgrade: April 1995</td>
</tr>
</tbody>
</table>

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## Finishing Mill

- **Manufacturer:** UNITED ENGINEERING
- **Equipment No.:** 6
- **Specifications:**
  - 4 high stands
  - Electric AGC: F6-F11
  - Start up date: 1969
  - Work roll bending: F8-F11
  - Manufacturer: IHI
  - Start-Up date: 1992
  - New motors & drives
  - Start up date: 1991
  - Electric Loopers Stand F6-F10

## Strip Cooling Banks

- **Specifications:**
  - Header nozzle type
  - Top: Laminar
  - Bottom: Spray
  - Start up date: 1992

## Downcoilers

- **Specifications:**
  - #1 D/C. 3 wrapper rolls
  - 1000 PIW
  - Start up date: 1992
  - #3 D/C. 4 wrapper rolls,
  - 1,000 PIW
  - Start up date: 1974; Upgrade: 1997

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### Direction of Material Processing

- **Waling Beam Furnace**
- **Scale Breaker**
- **Roughing Mill**
- **Finishing Mill**
- **Strip Cooling**
- **Downcoiler**

### Weight & Banding Station

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**Contact Information**

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