



Hot Strip Mill

INCOMING RAW MATERIAL SPECIFICATIONS

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

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

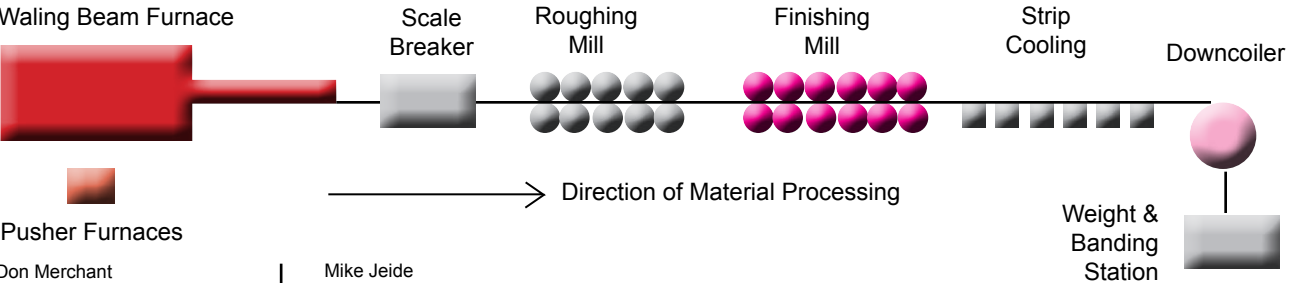
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<p>Finishing Mill</p> <p>Manufacturer: UNITED ENGINEERING</p>	<p>6</p>	<p>4 high stands</p> <p>Electric AGC: F6-F11</p> <p>Start up date: 1969</p> <p>Work roll bending: F8-F11</p> <p>Manufacturer: IHI</p> <p>Start-Up date: 1992</p> <p>New motors & drives</p> <p>Start up date: 1991</p> <p>Electric Loopers Stand F6-F10</p>
<p>Strip Cooling Banks</p>	<p>5</p>	<p>Header nozzle type</p> <p>Top: Laminar</p> <p>Bottom: Spray</p> <p>Start up date: 1992</p>
<p>Downcoilers</p>	<p>2</p>	<p>#1 D/C. 3 wrapper rolls</p> <p>1000 PIW</p> <p>Start up date: 1992</p> <hr/> <p>#3 D/C. 4 wrapper rolls,</p> <p>1,000 PIW</p> <p>Start up date: 1974; Upgrade: 1997</p>



Pusher Furnaces

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