

Steel Mill Related Machinery & Equipment Due to The Closure of Two Major Steel Facilities

Locations: Warren, OH and Sparrows Point, MD

Including: Hot Strip Mill, Walking Beam & Re-Heat Furnace, BOF, Ladle Metallurgy Facility, Lab, Material Handling & Support Equipment



Hot Strip Mill – Walking Beam Reheat Furnace

Core Furnace systems / Techint walking beam reheat furnace

(2007); 350 Ton Per Hour; 165' Overall Length from CL of Charge to CL discharge; Furnace Size: 144' x 34'; (6) Zone; 135 Min Average Heat Time; 2350 to 2400 Degrees F Reheat Temperature; 2375 Degrees F Aim Discharge; Charging: Cold Charge & Direct Charge Hot Slabs; 2'2" Beam Travel Per Stroke; 8" Lift; Both Cold and Hot Direct Charge



Hot Strip Mill Depiler



Ladle Metallurgy Facility



4,722 tons/day; 1,666,866 tons/year; 180 ton ladle capacity LMF; Ladle in car design, 32- MVA reheating transformer, Argon stirring, belt feed alloy additive system; 18" diameter electrode, 3 ladle transfer cars, Emission control system, cooling water, degassing, chemistry lab, computer controls; 165 ton charging ladle, total shell weight 55,000lb; 150 ton hot metal ladles, enlarged to 175 ton in 1994; 170 ton teaming ladles

Mact Bag House Mikro Pul

12 cells, clean side fans; Gas Volume : 800,000 ACFM (22653.48 m³/minute); Gas Temperature: 260 Deg F design (126.67 deg C) Max Design; Dust Loading: 3 gr/ ACF Peak; 0.003 gr/DSCF or less exhaust; Module Cloth Area : 16,745 ft² (474,17 m³); Number of modules : Twelve (12); Total Cloth Area 200,940 ft²; Net Cloth Area: 184,195 ft²; Net/Net Cloth area 167,450 ft²; Gross Air to Cloth ratio : 3.98 : 1 with 12 modules on line; Net air to cloth ratio: 4.34 : 1 with 11 Modules on line; Net/Net air to cloth ratio 4.78 : 1 with 10 Modules on line; Product collected : Metal Oxides, Kish; Application : secondary venting BOF



Hydraulic Lift Caster Ladle Turret



175 Ton Payload Bof Pour Back Ladle



Caster Tundish Transfer Car



Vacuum Degasser

170 ton (154.22 tonnes), 5 stage Nash Kinema injector
Messo tank design, capable of obtaining vacuum below 1 torr.



(10) 175 Ton Payload Bof Steel Ladles



(4) 1880 Cu Ft Bof Scrap Buckets

10' X 30'; 131,229 lb Empty Weight



Also Available

200 Ton Pollack Torpedo Cars

(15) Available

2019 Cu Ft Capacity Each

Charge Side (Walking Beam Reheat Furnace)

Can Be Sold Separately

ONLINE AUCTION

STEEL MILL RELATED MACHINERY & EQUIPMENT – DUE TO THE CLOSURE OF A MAJOR STEEL FACILITY

Sale Closing Date: Wednesday, May 28th, 1:00 P.M. CDT

Location: 999 Pine Ave SE, Warren, OH 44483

Inspection: Tuesday, May 27th, From 9:00 A.M. to 4:00 P.M.

Including: Lab & BOF Lab Equipment, Roll Grinding, Pumps & Valves, Lifting Equipment, Air & Gas Compressors, Dryers & Blowers, Bridge Cranes, Coiler Spare Parts, Filtration System, Toolroom & CNC Machinery, 56" Mill Components



For Further Information Please Contact:
John Bopp at 708.606.3240 or
John Decator at 419.215.3387