



STEEL INDUSTRY OVERHEAD CRANES



LADLE HANDLING OVERHEAD CRANES

Unusual hazards are inherent in the handling of hot molten materials. Special design considerations are included for safe and reliable lifting solutions to meet OSHA, ANSI/ASME, AIST, CMAA and AFS specifications.

METALLURGICAL EQUIPMENT

Whiting produces 1 ton to 50 Ton capacity ladles, tilt gearing and tap rigs. Whiting also produces cupola melting and charging systems, charging buckets, ladle transfer cars and A-O-D vessels.



FOUNDRIES
Reliability, durability and



SERVICE CENTERS
Special material handling requirements

COIL HANDLING OVERHEAD CRANES

Solutions start at a 5 ton load rating and can be supplied for higher load ratings. Coil handling attachments available include motorized lifters with rotate and load sensing capability, "C" hooks, and remote operation and computer directed storage and retrieval control systems. Whiting has designed solutions specifically for steel handling applications that range between 5 and 60 tons in lift capacity.

The primary considerations in specifying a steel coil handling system are:

1. Weight to be lifted
2. Cycle time
3. Distances moved
4. Highest lift required
5. Automation required





STEEL MILLS

Rigorous demands for 24/7 applications.

SCRAP HANDLING OVERHEAD CRANES

Scrap (Magnet) handling operations typically require a crane built for speed and reliability, with performance oftentimes governed by the need to fulfill the requirements of duty cycle. A Magnet Handling Crane may be equipped with one or more scrap handling magnets with the following performance considerations:

- Tonnage to be transferred per shift
- Required cycle time
- Horizontal movement distances to transfer load
- Lifting and lowering distances to transfer load
- Type and size of material handling magnet(s) or grapple

SHIPPING BAY OVERHEAD CRANES

Whiting Shipping Bay cranes are essential in assuring your finished products meet just in time delivery requirements.

Whiting Shipping Bay Cranes can be supplied for cab and/or floor operations, with Remote Radio or P.B. Pendant control. These cranes can be supplied with multiple trolleys, with hoists equipped with magnet beams, or special plate handling grabs, and engineered for high reliability.





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