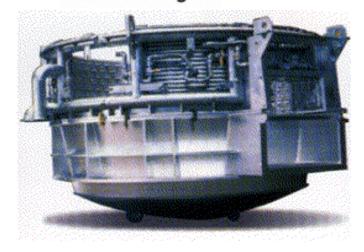


Increase Arc Furnace Production Reduce Refractory Costs



Recently a prominent steel producing facility challenged Whiting Corporation to design a higher production arc furnace. Whiting responded by designing an expanded capacity shell with water cooled sidewalls, water cooled roof, submerged sidewall tap hole, and a fast return tilt feature that assures quick metal - pour cutoff.

Diameter 15'4" (4.65m) single split furnace shell. Scrap volume capacity of 1,235 ft³ (35m³). Up to a 40% increase in scrap volume on an existing 14'0" furnace platform. Hot metal capacity of 50 short (45 metric) tons.

Tubular construction water cooled roof. ►

In addition to increased production, the new design provides the melter with additional advantages:

- Increased Productivity...from a 5-charge to 3-charge heat.
- Reduced Refractory Costs...with water-cooled roof and 80% to 85% sidewall panel coverage.
- Reduced Refractory Requirement Increases Furnace Availability.



- Slag free Control and Compact Liquid Steel Pour Capability... made possible with submerged tap hole and fast return tilt cutoff.
- Liquid Heel Operating Capability further improves productivity.
- Reduced Electrode Consumption...increased economy.
- Improved Working Environment around and above the furnace.

IF THESE BENEFITS ARE IMPORTANT TO YOU, contact Whiting today. We can help!

Whiting Equipment Canada Inc.



John Bartok 350 Alexander Street Welland, Ontario, Canada L3B 2R3 Tel (+1) 905-732-7585 ext. 273 E-mail: jbartok@whiting.ca