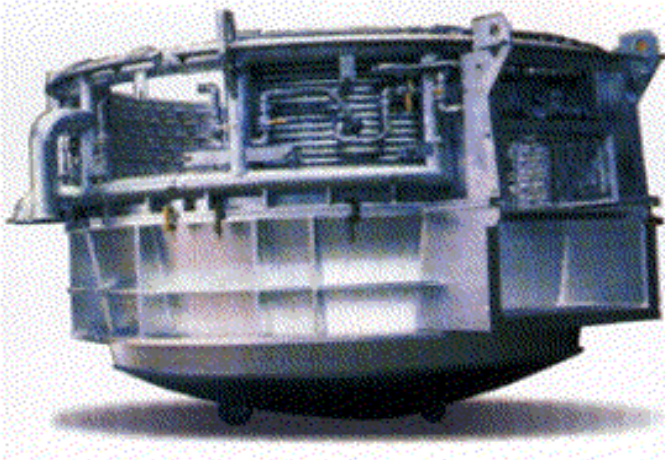




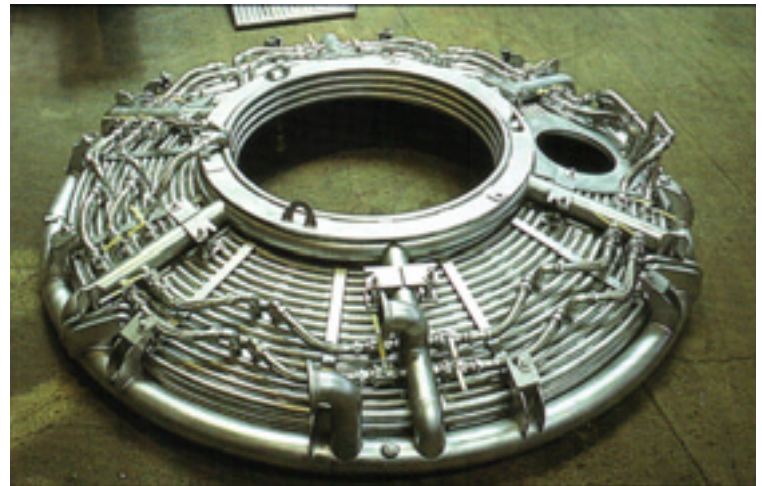
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Increase Arc Furnace Production Reduce Refractory Costs



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.



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