

## Tenova Core

Tenova Core  
Cherrington Corporate Center  
100 Corporate Center Drive  
Coraopolis, PA 15108-3185  
Tel: +1 412 262-2240  
Fax: +1 412 262-3064

[www.tenovacore.com](http://www.tenovacore.com)

[www.tenovagroup.com](http://www.tenovagroup.com)



**Contacts:** Ryan Erdely +1 412 262-2240  
[rerdely@corefurnace.com](mailto:rerdely@corefurnace.com)

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### Tenova Core Supplies Large Rotary Hearth Furnace at Mesabi Nugget

Pittsburgh, PA— Tenova Core, part of the Tenova group of companies, recently supplied a new rotary hearth furnace at the Mesabi Nugget facility in Hoyt Lakes, Minnesota. The furnace has a design capacity to produce 500,000 tons of iron nuggets annually using the innovative Kobe Steel ITmk3® process.

The “doughnut” type rotary hearth furnace has an impressive diameter of approximately 68 meters, making it the largest diameter rotary hearth furnace that Tenova Core has ever supplied and one of the largest rotary hearth furnace installations in the world. The furnace features unique combustion and burner systems specifically designed to provide efficient heating for the ITmk3® process.



#### **About Tenova Core**

Tenova Core is a leader for the design and supply of reheating, heat treating, specialty and carbon processing furnaces as well as melt shop equipment, technical services and automation systems. For more information visit [www.corefurnace.com](http://www.corefurnace.com)

#### **About Tenova**

Tenova designs and supplies advanced technologies, products and services for the metals and mining industries. Tenova operates close to its customers through a network of 31 companies based on the 5 continents. For more information visit the company’s website at [www.tenovagroup.com](http://www.tenovagroup.com)