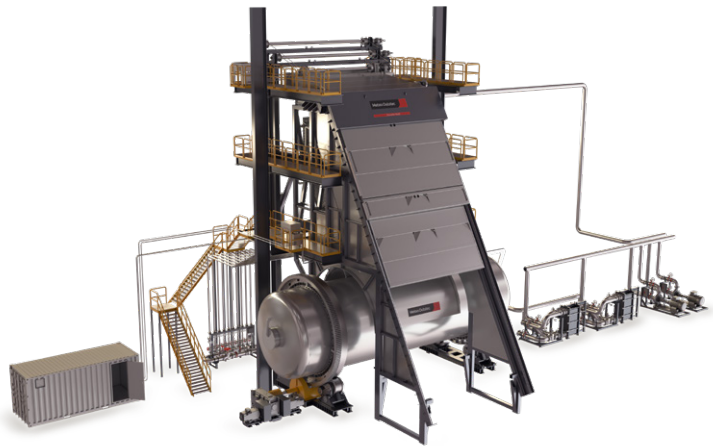


Metso:Outotec

Smelting and converting solutions

Converter hood system



The Metso Outotec Converter Hood System is designed for Smelting plants with Converter solutions. The system ensures a well-controlled ingress air flow that improves process gas quality, while the advanced water cooling system increases reliability, reduces maintenance needs and prolongs equipment lifetime.

Excellent SO₂ gas capture

A minimum SO₂ gas capture of 99% results in a converter aisle with low fugitive emissions and a considerably less harsh environment for personnel. The hydraulically operated sliding doors are precisely and smoothly positioned to allow for optimal draught conditions in the system.

Improved process gas quality

The overall ingress airflow into the primary converter hood enters under the front sliding door during blowing. The closed back-flap and tight fitting of the hood to the converter mouth controls the flow of ingress air, further improving process gas quality in terms of SO₂ concentration.

Prolonged lifetime & reduced maintenance

The primary converter hood side panel design and advanced water-cooling system reduce maintenance needs and prolong the lifetime of the equipment. The system eliminates condensation, acidic corrosion and dust build-ups.

Low lifecycle cost

- Environmental benefits
- Increased production with lower emissions
- Swift and easy installation
- Low maintenance
- Long lifetime

Quick and easy installation

Modules are pre-assembled and tested at the factory to enable quick and easy on-site assembly and installation, which allows for minimized production downtime.

Expert service and support

Metso Outotec experts are available to provide support during commissioning of the system and comprehensive training for operators and management, ensuring maximum benefits of the system are realized. Metso Outotec also provides ongoing technical support and service as part of a service agreement.

Benefits

- Excellent SO₂ gas capture for outstanding environmental performance with a focus on health and safety
- Well-controlled ingress air flow for improved process gas quality
- Prolonged equipment lifetime thanks to the design and advanced water-cooling system
- Reliable operation with low maintenance needs
- Easy on-site assembly and short installation due to modular design
- Backed by expert service and support

Application

With a minimum SO₂ gas capture capability of 99%, the Metso Outotec Converter Hood System minimizes the environmental impact while improving health and safety in the converter aisle.

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See how the Metso Outotec Converter Hood System can optimize your operations.



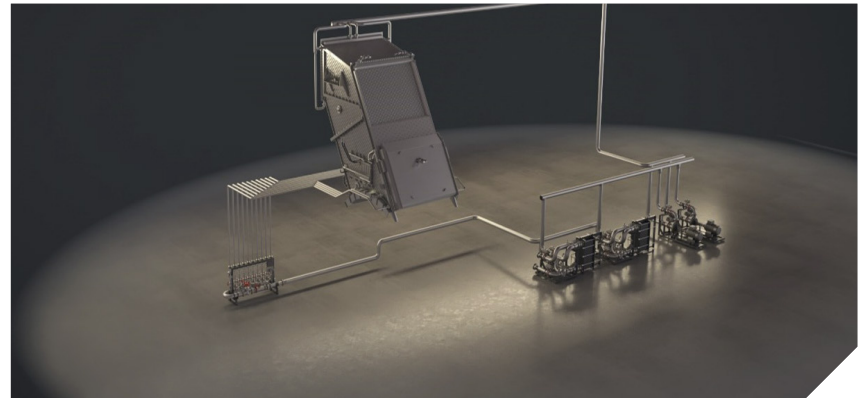
The Metso Outotec Converter Hood System installed at Boliden Rönnskär Smelter



Excellent gas capturing during charging of matte



Process gas and ingress air flows during blowing



Metso Outotec Primary Converter Hood with modular hood cooling system

Read more at
mogroup.com/converter-hood-systems

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Partner for positive change