



Steel & Metal Industries:

Filtration Solutions Built for Harsh, Real-World Conditions

The Challenges We See Every Day

Steel and metal operations place extreme demands on filtration systems. Common issues include:

- High-temperature particulate from furnaces and melt operations.
- Abrasive dust from grinding, cutting, and material transfer.
- Welding fumes and fine metallic particulate.
- Mill scale and heavy dust loading.
- Liquid waste streams from coolants, scale pits, and wastewater treatment.

Downtime, excessive maintenance, and compliance pressure are often the result of filtration that isn't matched to the application.

Applications We Support

Optimize your filtration system's performance with advanced control and monitoring solutions:

- **Steelmaking & Melt Shops**
Basic Oxygen Furnaces (BOFs), Electric Arc Furnaces (EAFs), ladle operations.
- **Rolling Mills**
Mill scale, abrasive particulate, high air volumes.
- **Foundries & Casting**
Sand, fines, smoke, and metallic dust.
- **Metal Fabrication & Finishing**
Welding fumes, cutting and grinding dust, plasma and laser operations.
- **Aluminum & Non-Ferrous Metals**
Fine particulate, oxide dust, alloy-specific challenges.



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www.menardifilters.com

Menardi Filtration Solutions

Dry Filtration & Dust Collection

- Pulse jet filter bags.
- Reverse air and shaker bags.
- Pleated filter elements and cartridges.
- Media engineered for heat, abrasion, and heavy particulate loading.

Liquid Filtration & Solid-Liquid Separation

- Filter press cloths.
- Vacuum filter media (disc, drum, pan).
- Candle and pressure leaf filtration.
- Solutions for coolants, slurries, and wastewater.

Why Menardi Filters

- 113+ years of industrial filtration experience.
- Broad portfolio of dry and liquid filtration solutions.
- Media designed for harsh steel and metal environments.
- U.S.-based manufacturing and responsive technical support.
- Partnership-driven approach focused on long-term performance.

We don't just supply filters, we help customers improve reliability, reduce maintenance, and plan for sustained operation.

Start the Conversation

-  Talk to a Menardi Filtration Specialist.
-  Request a Filtration Review.
-  Discuss Your Liquid Filtration Application.
-  Speak with a Regional Manager.

Need immediate support?

Call 1-800-321-3218



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LEARN MORE

