



# 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.



One Maxwell Dr  
Trenton, SC 29847



800-321-3218

[www.menardifilters.com](http://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**



One Maxwell Dr  
Trenton, SC 29847



800-321-3218

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