Our engineering and operational experience over the full spectrum of horizontal vacuum belt filter systems has put us in a unique situation to offer equipment and service unmatched by anyone. Our engineers understand the importance of the ancillary equipment in relation to our horizontal vacuum belt filter and how the individual pieces of equipment contribute to the overall efficiency of our filter. This enables us to offer our proven horizontal vacuum belt filter system to meet the toughest of production requirements.
Superior Belt Filter LLC engineers, manufactures and services horizontal vacuum belt filter systems for the power, mining and mineral processing industries. Our filter systems are optimized for superior performance while achieving the lowest capital and O&M costs.

Since 2003, we have developed a new generation of horizontal vacuum belt filter, utilizing our extensive operational expertise as the basis for our design. We incorporate the latest technology to optimize our filter design, manufacturing efficiency, and elimination of field installation and start-up issues. Superior Belt Filter has proven that our filters are the best in the industry and are unsurpassed in performance, filtration rates, water and power efficiency, and flexibility in operation.

Horizontal vacuum belt filters are widely used for solids/liquids separation where high production throughput, operational flexibility, and adaptability to corrosive slurries are needed. Superior Belt Filter can surpass all these requirements and still minimize capital and operations expenses.

Why Superior Belt Filter?
• We provide complete engineering design, construction, equipment sizing, process startup and performance validation services
• We minimize your capital expenditures through innovation engineering and design
• We customize equipment to your exact specifications
• We optimize your processes to maximize throughput
• We can reduce your operating/maintenance cost
• We design to meet the demand of a 24/7 operation

Superior Belt Filter Offers
• Horizontal Vacuum Belt Filter
• Complete Turnkey Dewatering System
• Innovative Engineering and Design to Minimize Capital Expenditures
• Process Optimization to Maximize Throughput
• Dewatering System Modifications
• Reduction of Operating/Maintenance Costs
• After Market Parts and Service

Advantages of Horizontal Vacuum Belt Filter Systems
- High production throughput
- Effective multiple counter current washes
- Production flexibility without sacrificing product quality
- Low moisture
- Ability to process corrosive slurries
- Lower capital investment
- Lower operation/maintenance cost