



## **Bulk Material Handling & Processing Equipment**

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# Bulk Material Handling & Processing Equipment

Group	Application	Manufacturer
<b>DRYING/COOLING AND PROCESSING</b> 	<ul style="list-style-type: none"> <li>• Vibrating Fluid Bed</li> <li>• Static Fluid Bed</li> <li>• Flash Drying</li> <li>• Media Slurry Dryer</li> <li>• Tornesh Dryer</li> <li>• Spiral Elevator Processing</li> </ul>	
<b>INGREDIENT BATCHING</b> 	<ul style="list-style-type: none"> <li>• Dilute &amp; Dense Phase Pneumatic Conveying</li> <li>• Mechanical Systems</li> <li>• Liquid Handling Storage &amp; Batching Systems</li> <li>• Bulk Bag Unloaders &amp; Bulk Bag Fillers</li> <li>• Bulk Silo Systems</li> <li>• Scaling &amp; Batching Systems</li> <li>• Finished Goods Bulk Handling</li> <li>• Automated Controls Systems with PLC to PC data tracking &amp; inventory management</li> </ul>	
<b>VIBRATORY &amp; PROCESS EQUIPMENT</b> 	<ul style="list-style-type: none"> <li>• Vibrating Conveyors (process as you convey)</li> <li>• Patented Delta Phase Drive</li> <li>• On Demand Change to Angle of Attack &amp; RPM</li> <li>• Heavy Duty Feeders / Bin Discharger</li> <li>• Scalping / Classifier / Air Knife</li> <li>• Rail Car &amp; Truck Storage Pile</li> </ul>	
<b>THERMAL PROCESSING &amp; COOLING</b> 	<ul style="list-style-type: none"> <li>• Rotary Calciners &amp; Kilns</li> <li>• Flash Dryers &amp; Coolers</li> <li>• Multidisc Dryers &amp; Coolers</li> <li>• Fluid Bed Dryers, Coolers &amp; Granulators</li> <li>• Rotary Dryers, Coolers &amp; Granulators</li> <li>• Rotary Mixing, Curing &amp; Coating Drums</li> <li>• Screw Presses, Pugmills &amp; Cookers</li> </ul>	
<b>SCREW CONVEYORS, MIXING, BLENDING</b> 	<ul style="list-style-type: none"> <li>• Continuous Mixer/Pug Mill</li> <li>• Size Reduction Equipment</li> <li>• U-Trough, Split Tube, Feeders, Heat &amp; Cool</li> <li>• Paddle &amp; Ribbon Mixers/Blenders</li> <li>• Heating, Cooling, Vacuum Drying Options</li> <li>• Waste Handling</li> <li>• Scrubbers</li> </ul>	
<b>FIRE &amp; EXPLOSION PROTECTION</b> 	<ul style="list-style-type: none"> <li>• Explosion Venting</li> <li>• Flameless Venting</li> <li>• Chemical Suppression</li> <li>• Explosion Isolation</li> <li>• Spark &amp; Multi Gas Detection</li> <li>• Water Mist Suppression</li> </ul>	
<b>DUST COLLECTORS &amp; WET SCRUBBERS</b> 	<ul style="list-style-type: none"> <li>• Pulse Cleaned Bag Collectors</li> <li>• Pulse Clean Cartridge Collectors</li> <li>• Bin Vents</li> <li>• Cyclones</li> <li>• Venturi Scrubbers</li> <li>• Eductor Scrubbers</li> <li>• Impingement Plate Scrubbers</li> <li>• Pack Tower Scrubbers</li> </ul>	
<b>ROTARY SCREENING</b> 	<ul style="list-style-type: none"> <li>• Gently Screens Without Product Damage</li> <li>• Cleans, Sifts, Scalps or Sorts</li> <li>• Non-Vibrating Screener</li> <li>• Rotary Drum Design</li> <li>• Low Maintenance</li> <li>• Fully Enclosed</li> </ul>	

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Material Handling & Processing Equipment  
The answer to process improvements

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<b>CONVEYORS</b> 	<ul style="list-style-type: none"> <li>Screw Conveyors</li> <li>Bucket Elevators</li> <li>Belt Conveyors</li> <li>Drag Chain Conveyors</li> <li>Live Bottom Feeders</li> <li>Heat Transfer Conveyors</li> <li>Shaftless Screw</li> </ul>	
<b>STEEL TANKS</b> 	<ul style="list-style-type: none"> <li>Custom Steel Tanks</li> <li>Storage Tanks (Liquid &amp; Dry)</li> <li>Pressure Vessels</li> <li>Hazardous Chemical Tanks</li> <li>Half Pipe &amp; Reactor Tanks</li> <li>Ball Mills</li> <li>Custom Manways &amp; Tank Components</li> </ul>	
<b>ROTARY VALVES, DIVERTERS, &amp; SLIDE GATES</b> 	<ul style="list-style-type: none"> <li>Rotary Valves &amp; Air Locks</li> <li>Diverters</li> <li>Slide &amp; Control Gates</li> <li>Double Dump Valves</li> <li>Round Head Valves</li> <li>Roto Speed Switch</li> </ul>	
<b>LEVEL MONITORING SYSTEMS</b> 	<ul style="list-style-type: none"> <li>Hazard Monitors and Controls</li> <li>Level Detection and Inventory</li> <li>RadarTrack™, RadarMax™</li> <li>Flow / No Flow Detection</li> <li>Wireless and Solar Options</li> <li>Handheld and PC Software</li> <li>Remote Monitoring</li> <li>Installation and Service</li> </ul>	
<b>MAG SEPARATION: RARE EARTH &amp; CERAMIC</b> 	<ul style="list-style-type: none"> <li>Plate Magnets &amp; Protection</li> <li>Tube &amp; Grate Magnets</li> <li>Drawer Magnets</li> <li>Liquid Plate &amp; Trap</li> <li>Suspended Belt Magnets</li> <li>Vertical Spout Magnets</li> <li>Head Pulley Magnets</li> <li>Rotary Drum Magnets</li> </ul>	
<b>SOLID &amp; AIR FLOW MEASURING</b> 	<ul style="list-style-type: none"> <li>Solid Flow Meters</li> <li>Solid Flow Feeders</li> <li>Solid Flow Fillers</li> <li>Air Flow Measuring</li> </ul>	
<b>SILO DISCHARGER</b> 	<ul style="list-style-type: none"> <li>Multiple discharge points</li> <li>Controlled material discharge</li> <li>First In, First Out flow</li> <li>Pressure shock design ideal for explosive materials</li> <li>Positive shut off</li> <li>Totally sealed dust free design</li> </ul>	
<b>INDUSTRIAL VACUUM CLEANERS</b> 	<ul style="list-style-type: none"> <li>Portable Vacuum Systems</li> <li>Pneumatic Conveyance</li> <li>Specialty Vacuum Systems</li> <li>Dust Collectors</li> <li>Central Vacuum Systems</li> </ul>	

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<b>LOAD SPOUTS</b> 	<ul style="list-style-type: none"> <li>• Standard Spouts</li> <li>• Open Stacking Spout</li> <li>• Manual Operated Spouts</li> <li>• Low Profile Spouts</li> </ul>	
<b>PREMIUM ROUND GRAIN SILICA SANDS</b> 	<ul style="list-style-type: none"> <li>• Foundry / Metal Casting</li> <li>• Building Products</li> <li>• Chemical Production</li> <li>• Paints &amp; Coatings</li> <li>• Glass Making &amp; Ceramics</li> <li>• Water filtration</li> </ul>	
<b>AIR SYSTEMS</b> 	<ul style="list-style-type: none"> <li>• Using air to remove fines, dust and other light weight materials</li> <li>• No moving parts</li> <li>• Use after screening or before bagging / packaging</li> </ul>	
<b>INSTALLATION/SERVICE/FABRICATION</b> 	<ul style="list-style-type: none"> <li>• Installation &amp; Engineering Services</li> <li>• Belt Conveyor Systems</li> <li>• Piping</li> <li>• Bucket Elevator</li> </ul>	
<b>CONVEYOR/LOADING SYSTEMS</b> 	<ul style="list-style-type: none"> <li>• Conveyor Systems</li> <li>• Air Supported: Tubulator &amp; The Belt Conveyor</li> <li>• Idle &amp; Drag Conveyors</li> <li>• Ship, Barge &amp; Truck Loading &amp; Unloading Systems</li> <li>• Mobile Mechanical Unloaders</li> </ul>	
<b>DUST COLLECTOR REPLACEMENT PARTS</b> 	<ul style="list-style-type: none"> <li>• Dry Filters</li> <li>• Cartridge Filters</li> <li>• Envelope Bags</li> <li>• Pleated Bags</li> <li>• Liquid Filter Bags</li> <li>• Retrofits</li> <li>• Dust Collector Cages</li> <li>• Dust Collector Valves</li> <li>• Dust Collector Timer Boards</li> </ul>	