



## Products for the Foundry, Die Casting, and Permanent Mold Industries



Explosion & Fire Protection  
Flow Measurement  
Magnets

Pneumatic Conveying  
Rotary Air Locks  
Screening

Size Reduction  
And much more!

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Group	Application	Manufacturer
<b>SHAKEOUT/ATTRITION/SAND CONDITIONING</b> 	<ul style="list-style-type: none"> <li>• Casting Shakeout</li> <li>• Sand Attrition Mill</li> <li>• Sand Cooling</li> <li>• Casting Cooling</li> <li>• Vibrating Conveyors</li> <li>• Patented Delta Phase Drive</li> <li>• On Demand Change to Angle of Attack &amp; RPM</li> </ul>	
<b>GREEN SAND SYSTEM/MATERIALS HANDLING</b> 	<ul style="list-style-type: none"> <li>• Sand System Engineering</li> <li>• Custom Indexing Mold Handling</li> <li>• Sorting Casting Turn Tables</li> <li>• Mold Punch Outs</li> <li>• Pallet Lines</li> <li>• Telescoping Flask Filler</li> <li>• Water Addition Systems</li> <li>• Belt Conveyors</li> <li>• Vibrating Conveyors</li> <li>• Bucket Elevators</li> <li>• Screw Elevators</li> </ul>	
<b>CUT OFF/GRINDING/DEBURRING</b> 	<ul style="list-style-type: none"> <li>• CNC Technology for cut off, grinding, and deburring</li> <li>• For Cast Iron, Aluminum, and Steel</li> <li>• Off Line Programming</li> <li>• Maus Caat software programing optimization</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>CUT OFF/GRINDING/DEBURRING</b> 	<ul style="list-style-type: none"> <li>• Cut off , grinding , and deburring</li> <li>• For Cast Iron , Aluminum , and Steel</li> <li>• Complete automated cells</li> <li>• Off Line Programing with CAD/CANM software</li> <li>• Adaptive proprietary technology</li> <li>• Dimensional control / measurement with Lasers</li> <li>• Algorithm for adaptive finishing</li> <li>• Automatic tool path generated software</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>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>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>	

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<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>	
<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>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>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>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>	
<b>GREEN SAND CONTROLS</b> 	<ul style="list-style-type: none"> <li>• Green Sand Expert</li> <li>• Green Sand Mixers</li> <li>• Green Sand Molding Equipment</li> <li>• Rotary Drums</li> <li>• Flasks</li> </ul>	
<b>SCREENER/CLASSIFIER &amp; SCALPING</b> 	<ul style="list-style-type: none"> <li>• Screening</li> <li>• Multi-Frequency Screener</li> <li>• Scalping</li> <li>• Classifier / Air Knife</li> </ul>	



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<b>MAGNETIC SEPARATION &amp; PROTECTION</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>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>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>SCREW CONVEYORS, MIXING, BLENDING</b> 	<ul style="list-style-type: none"> <li>• Engineered to Order</li> <li>• U-Trough, Split Tube, Feeders, Heat &amp; Cool</li> <li>• Paddle &amp; Ribbon Mixers / Blenders</li> <li>• Continuous Mixer / Pug Mill</li> <li>• Size Reduction Equipment</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>INSTALLATION &amp; SERVICE OF EQUIPMENT</b> 	<ul style="list-style-type: none"> <li>• Belt Conveyor Systems</li> <li>• Rigid Screw</li> <li>• Bucket Elevator</li> <li>• Equipment Modification</li> </ul>	

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