

Sol-Tech

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
<p>SHAKEOUT/ATTRITION/SAND CONDITIONING</p> 	<ul style="list-style-type: none"> • Casting Shakeout • Sand Attrition Mill • Sand Cooling • Casting Cooling • Vibrating Conveyors • Patented Delta Phase Drive • On Demand Change to Angle of Attack & RPM 	
<p>GREEN SAND SYSTEM/MATERIALS HANDLING</p> 	<ul style="list-style-type: none"> • Sand System Engineering • Custom Indexing Mold Handling • Sorting Casting Turn Tables • Mold Punch Outs • Pallet Lines • Telescoping Flask Filler • Water Addition Systems • Belt Conveyors • Vibrating Conveyors • Bucket Elevators • Screw Elevators 	
<p>CUT OFF/GRINDING/DEBURRING</p> 	<ul style="list-style-type: none"> • CNC Technology for cut off, grinding, and deburring • For Cast Iron, Aluminum, and Steel • Off Line Programing • Maus Caat software programing optimization 	
<p>DUST COLLECTORS & WET SCRUBBERS</p> 	<ul style="list-style-type: none"> • Pulse Cleaned Bag Collectors • Pulse Clean Cartridge Collectors • Bin Vents • Cyclones • Venturi Scrubbers • Eductor Scrubbers • Impingement Plate Scrubbers • Pack Tower Scrubbers 	
<p>CUT OFF/GRINDING/DEBURRING</p> 	<ul style="list-style-type: none"> • Cut off , grinding , and deburring • For Cast Iron , Aluminum , and Steel • Complete automated cells • Off Line Programing with CAD/CANM software • Adaptive proprietary technology • Dimensional control / measurement with Lasers • Algorithm for adaptive finishing • Automatic tool path generated software 	
<p>PREMIUM ROUND GRAIN SILICA SANDS</p> 	<ul style="list-style-type: none"> • Foundry / Metal Casting • Building Products • Chemical Production • Paints & Coatings • Glass Making & Ceramics • Water filtration 	
<p>INDUSTRIAL PROCESS EQUIPMENT</p> 	<ul style="list-style-type: none"> • Material Handling Equipment • Storage Solutions • Process Equipment & Automation Systems • Pneumatic conveying: Pressure, vacuum, and dense phase • Specialized Solutions & Custom Design Services 	
<p>THERMAL PROCESSING & COOLING</p> 	<ul style="list-style-type: none"> • Rotary Calciners & Kilns • Flash Dryers & Coolers • Multidisc Dryers & Coolers • Fluid Bed Dryers, Coolers & Granulators • Rotary Dryers, Coolers & Granulators • Rotary Mixing, Curing & Coating Drums • Screw Presses, Pugmills & Cookers 	

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<p>DUST COLLECTOR REPLACEMENT PARTS</p> 	<ul style="list-style-type: none"> • Dry Filters • Cartridge Filters • Envelope Bags • Pleated Bags • Liquid Filter Bags • Retrofits • Dust Collector Cages • Dust Collector Valves • Dust Collector Timer Boards 	
<p>ROTARY VALVES, DIVERTERS, & SLIDE GATES</p> 	<ul style="list-style-type: none"> • Rotary Valves & Air Locks • Diverters • Slide & Control Gates • Double Dump Valves • Round Head Valves • Roto Speed Switch 	
<p>CONVEYORS</p> 	<ul style="list-style-type: none"> • Screw Conveyors • Bucket Elevators • Belt Conveyors • Drag Chain Conveyors • Live Bottom Feeders • Heat Transfer Conveyors • Shaftless Screw 	
<p>STEEL TANKS</p> 	<ul style="list-style-type: none"> • Custom Steel Tanks • Storage Tanks (Liquid & Dry) • Pressure Vessels • Hazardous Chemical Tanks • Half Pipe & Reactor Tanks • Ball Mills • Custom Manways & Tank Components 	
<p>LEVEL MONITORING SYSTEMS</p> 	<ul style="list-style-type: none"> • Hazard Monitors and Controls • Level Detection and Inventory • RadarTrack™, RadarMax™ • Flow / No Flow Detection • Wireless and Solar Options • Handheld and PC Software • Remote Monitoring • Installation and Service 	
<p>INDUSTRIAL VACUUM CLEANERS</p> 	<ul style="list-style-type: none"> • Portable Vacuum Systems • Pneumatic Conveyance • Specialty Vacuum Systems • Dust Collectors • Central Vacuum Systems 	
<p>GREEN SAND CONTROLS</p> 	<ul style="list-style-type: none"> • Green Sand Expert • Green Sand Mixers • Green Sand Molding Equipment • Rotary Drums • Flasks 	
<p>SCREENER/CLASSIFIER & SCALPING</p> 	<ul style="list-style-type: none"> • Screening • Multi-Frequency Screener • Scalping • Classifier / Air Knife 	

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<p>MAGNETIC SEPARATION & PROTECTION</p> 	<ul style="list-style-type: none"> • Plate Magnets & Protection • Tube & Grate Magnets • Drawer Magnets • Liquid Plate & Trap • Suspended Belt Magnets • Vertical Spout Magnets • Head Pulley Magnets • Rotary Drum Magnets 	
<p>FIRE & EXPLOSION PROTECTION</p> 	<ul style="list-style-type: none"> • Explosion Venting • Flameless Venting • Chemical Suppression • Explosion Isolation • Spark & Multi Gas Detection • Water Mist Suppression 	
<p>LOAD SPOUTS</p> 	<ul style="list-style-type: none"> • Standard Spouts • Open Stacking Spout • Manual Operated Spouts • Low Profile Spouts 	
<p>SCREW CONVEYORS, MIXING, BLENDING</p> 	<ul style="list-style-type: none"> • Engineered to Order • U-Trough, Split Tube, Feeders, Heat & Cool • Paddle & Ribbon Mixers / Blenders • Continuous Mixer / Pug Mill • Size Reduction Equipment 	
<p>SOLID & AIR FLOW MEASURING</p> 	<ul style="list-style-type: none"> • Solid Flow Meters • Solid Flow Feeders • Solid Flow Fillers • Air Flow Measuring 	
<p>INSTALLATION & SERVICE OF EQUIPMENT</p> 	<ul style="list-style-type: none"> • Belt Conveyor Systems • Rigid Screw • Bucket Elevator • Equipment Modification 	
<p>DUST SOLUTIONS</p> 	<ul style="list-style-type: none"> • High Pressure Water systems • Dry & High Pressure Fogging systems • Custom Wind Fencing 	

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