

SolTech

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



Explosion & Fire Protection
Flow Measurement
Magnets

Pneumatic Conveying
Rotary Air Locks
Screening

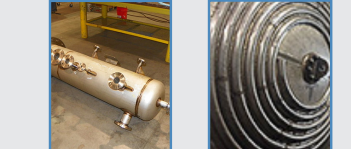
Size Reduction
And much more!

www.sol-techgroup.com

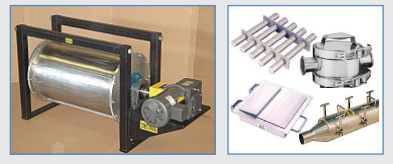
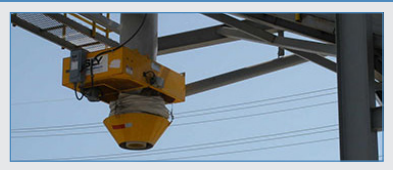
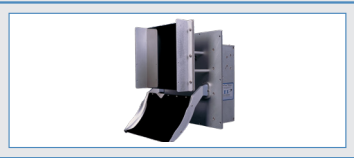
Products for the Foundry, Die Casting, and Permanent Mold Industries

Group	Application	Manufacturer
SHAKEOUT/ATTRITION/SAND CONDITIONING 	• Casting Shakeout • Sand Attrition Mill • Sand Cooling • Casting Cooling • Vibrating Conveyors • Patented Delta Phase Drive • On Demand Change to Angle of Attack & RPM	
GREEN SAND SYSTEM/MATERIALS HANDLING 	• 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	
DUST SOLUTIONS 	• High Pressure Water systems • Dry & High Pressure Fogging systems • Custom Wind Fencing	
DUST COLLECTORS & WET SCRUBBERS 	• Pulse Cleaned Bag Collectors • Pulse Clean Cartridge Collectors • Bin Vents • Cyclones • Venturi Scrubbers • Eductor Scrubbers • Impingement Plate Scrubbers • Pack Tower Scrubbers • Down Draft Tables	
FOUNDRY ROBOTIC AUTOMATION 	• Cutting, deburring and cleaning of aluminum castings. • Cutting, deburring and finishing of iron castings. • Die-cast casting risers removal. • Sand flogging. • Cores handling and gluing. • Gravity and Sand casting. • Grinding, polishing and satin-finishing of stainless steel, brass and other metal workpieces. • Assembly of mechanical components. • Foundry automation.	
PREMIUM ROUND GRAIN SILICA SANDS 	• Foundry / Metal Casting • Building Products • Chemical Production • Paints & Coatings • Glass Making & Ceramics • Water filtration	
INDUSTRIAL PROCESS EQUIPMENT 	• Material Handling Equipment • Storage Solutions • Process Equipment & Automation Systems • Pneumatic conveying: Pressure, vacuum, and dense phase • Specialized Solutions & Custom Design Services	
THERMAL PROCESSING & COOLING 	• 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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DUST COLLECTOR REPLACEMENT PARTS 	• Dry Filters • Cartridge Filters • Envelope Bags • Pleated Bags • Liquid Filter Bags • Retrofits • Dust Collector Cages • Dust Collector Valves • Dust Collector Timer Boards	
ROTARY VALVES, DIVERTERS, & SLIDE GATES 	• Rotary Valves & Air Locks • Diverters • Slide & Control Gates • Double Dump Valves • Round Head Valves • Roto Speed Switch	
CONVEYORS 	• Screw Conveyors • Bucket Elevators • Belt Conveyors • Drag Chain Conveyors • Live Bottom Feeders • Heat Transfer Conveyors • Shaftless Screw	
STEEL TANKS 	• Custom Steel Tanks • Storage Tanks (Liquid & Dry) • Pressure Vessels • Hazardous Chemical Tanks • Half Pipe & Reactor Tanks • Ball Mills • Custom Manways & Tank Components	
LEVEL MONITORING SYSTEMS 	• 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	
INDUSTRIAL VACUUM CLEANERS 	• Portable Vacuum Systems • Pneumatic Conveyance • Specialty Vacuum Systems • Dust Collectors • Central Vacuum Systems	
GREEN SAND CONTROLS 	• Green Sand Expert • Green Sand Mixers • Green Sand Molding Equipment • Rotary Drums • Flasks	
SCREENER/CLASSIFIER & SCALPING 	• Screening • Multi-Frequency Screener • Scalping • Classifier / Air Knife	

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

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MAGNETIC SEPARATION & PROTECTION 	• Plate Magnets & Protection • Tube & Grate Magnets • Drawer Magnets • Liquid Plate & Trap • Suspended Belt Magnets • Vertical Spout Magnets • Head Pulley Magnets • Rotary Drum Magnets	
FIRE & EXPLOSION PROTECTION 	• Explosion Venting • Flameless Venting • Chemical Suppression • Explosion Isolation • Spark & Multi Gas Detection • Water Mist Suppression	
LOAD SPOUTS 	• Standard Spouts • Open Stacking Spout • Manual Operated Spouts • Low Profile Spouts	
SCREW CONVEYORS, MIXING, BLENDING 	• Engineered to Order • U-Trough, Split Tube, Feeders, Heat & Cool • Paddle & Ribbon Mixers / Blenders • Continuous Mixer / Pug Mill • Size Reduction Equipment	
SOLID & AIR FLOW MEASURING 	• Solid Flow Meters • Solid Flow Feeders • Solid Flow Fillers • Air Flow Measuring	
INSTALLATION & SERVICE OF EQUIPMENT 	• Belt Conveyor Systems • Rigid Screw • Bucket Elevator • Equipment Modification	
BLAST EQUIPMENT 	• Tumble Blast • Table Blast • Hanger Blast • Pass Through Systems • Air Blast	

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