



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

www.sol-techgroup.com

Northern OH

Jason Bosworth

jason@sol-techgroup.com
Cell 330.388.3254

Southern OH, KY, IN

Doug Agin

dagin@sol-techgroup.com
Cell 513.382.5146

Steve Satterthwaite

steve@sol-techgroup.com
Cell 513.708.7716

Sol-Tech Group, Inc.

PO Box 251

Mason, Ohio 45040

Phone: 513.382.5146

Email: contact@sol-techgroup.com

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

Group	Application	Manufacturer
<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>LADLES</p> 	<ul style="list-style-type: none"> • Transfer and Casting Ladles • Treatment Ladles • Teapot Spout Ladles • Manual or Motor gear Rotation • Bottom Pour Ladles • Auto Pour Units • Ladle Pre-heaters 	
<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>Reichmann CASTING FINISHING</p>   <p>STRATECASTS</p>
<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>smartsand® Industrial Product Solutions™</p>
<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>STRATECASTS</p>
<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 	

Group	Application	Manufacturer
-------	-------------	--------------

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



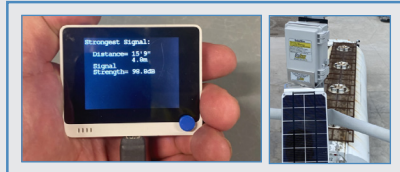
ROTARY VALVES, DIVERTERS, & SLIDE GATES



- Rotary Valves & Air Locks
- Diverters
- Slide & Control Gates
- Double Dump Valves
- Round Head Valves
- Roto Speed Switch



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



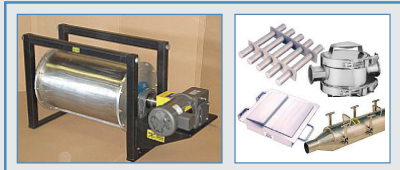
FIRE & EXPLOSION PROTECTION



- Explosion Venting
- Flameless Venting
- Chemical Suppression
- Explosion Isolation
- Spark & Multi Gas Detection
- Water Mist Suppression



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



INGREDIENT BATCHING



- Dilute & Dense Phase Pneumatic Conveying
- Mechanical Systems
- Liquid Handling Storage & Batching Systems
- Bulk Bag Unloaders & Bulk Bag Fillers
- Bulk Silo Systems
- Scaling & Batching Systems
- Finished Goods Bulk Handling
- Automated Controls Systems with PLC to PC data tracking & inventory management



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



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

Group	Application	Manufacturer
<p>SILO DISCHARGER</p> 	<ul style="list-style-type: none"> • Multiple discharge points • Controlled material discharge • First In, First Out flow • Pressure shock design ideal for explosive materials • Positive shut off • Totally sealed dust free design 	
<p>LOAD SPOUTS</p> 	<ul style="list-style-type: none"> • Standard Spouts • Open Stacking Spout • Manual Operated Spouts • Low Profile Spouts 	
<p>INSTALLATION & SERVICE OF EQUIPMENT</p> 	<ul style="list-style-type: none"> • Belt Conveyor Systems • Rigid Screw • Bucket Elevator • Equipment Modification 	
<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>CONVEYOR/LOADING SYSTEMS</p> 	<ul style="list-style-type: none"> • Conveyor Systems • Air Supported: Tubulator & The Belt Conveyor • Idle & Drag Conveyors • Ship, Barge & Truck Loading & Unloading Systems • Mobile Mechanical Unloaders 	