

Sol-Tech

Bulk Material Handling & Processing Equipment



Screeners

Spiral Elevators

Bulk Flow Heating
Exchangers

Screw Conveyors

Shakeouts

Bag Houses

Bucket Elevators

Dryers / Coolers

Feeders

Conveyors

Mixers &
Thermal Screws

Calciners &
Rotary Dryers

Wet Scrubbers

Explosion & Fire Protection
Flow Measurement
Magnets

Pneumatic Conveying
Rotary Air Locks
Screening

Size Reduction
And much more!

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

Austin Agin

austin@sol-techgroup.com
Cell 513.349-8346

Brad Satterthwaite

brad@sol-techgroup.com
Cell 513.824-1117

Sol-Tech Group, Inc.
PO Box 251
Mason, Ohio 45040
Phone: 513.382.5146
Email: contact@sol-techgroup.com

Bulk Material Handling & Processing Equipment

Group

Application

Manufacturer

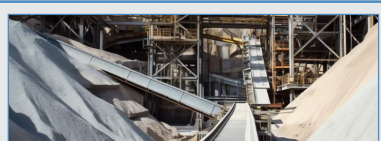
DRYING/COOLING AND PROCESSING



- Vibrating Fluid Bed
- Static Fluid Bed
- Flash Drying
- Media Slurry Dryer
- Tornesh Dryer
- Spiral Elevator Processing



INDUSTRIAL PROCESS EQUIPMENT



- Material Handling Equipment
- Storage Solutions
- Process Equipment & Automation Systems
- Pollution Control & Sanitation
- Specialized Solutions & Custom Design Services



VIBRATORY & PROCESS EQUIPMENT



- Vibrating Conveyors (process as you convey)
- Patented Delta Phase Drive
- On Demand Change to Angle of Attack & RPM
- Heavy Duty Feeders / Bin Discharger
- Scalping / Classifier / Air Knife
- Rail Car & Truck Storage Pile



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



SCREW CONVEYORS, MIXING, BLENDING



- Continuous Mixer/Pug Mill
- Size Reduction Equipment
- U-Trough, Split Tube, Feeders, Heat & Cool
- Paddle & Ribbon Mixers/Blenders
- Heating, Cooling, Vacuum Drying Options
- Waste Handling
- Scrubbers



FIRE & EXPLOSION PROTECTION



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



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



ROTARY SCREENING

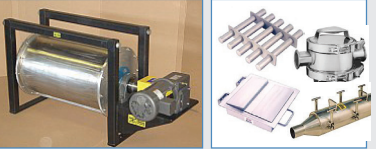
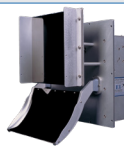
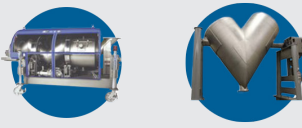


- Gently Screens Without Product Damage
- Cleans, Sifts, Scalps or Sorts
- Non-Vibrating Screener
- Rotary Drum Design
- Use the Aspirator to remove fines, dust, and other light weight materials
- Use the Aspirator after screening or before bagging

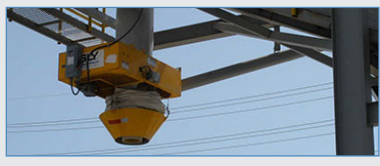
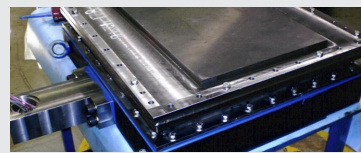


Bulk Material Handling & Processing Equipment

Material Handling & Processing Equipment
The answer to process improvements

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	
THERMAL DRYING SOLUTIONS 	- Thermal Drying & Solidification - Vacuum drying in a pan, single and double drum, and rotary - Cooling drum flakers - Evaporation, Distillation & Separation - Forced circulation evaporators - Falling & Rising film evaporators - Natural circulation rising film evaporators - Plate evaporators - Evaporative crystallizers	
MAG SEPARATION: RARE EARTH & CERAMIC 	- Plate Magnets & Protection - Tube & Grate Magnets - Drawer Magnets - Liquid Plate & Trap - Suspended Belt Magnets - Vertical Spout Magnets - Head Pulley Magnets - Rotary Drum Magnets	
SOLID & AIR FLOW MEASURING 	- Solid Flow Meters - Solid Flow Feeders - Solid Flow Fillers - Air Flow Measuring	
TUMBLE BLENDERS 	- Tumble blenders - Continuous tumble blending - Tubular Vacuum drying - Vacuum tumble blending dryer / mixer - Lab tumble blenders	
BULK MEASUREMENT CONTROL 	- Real Time Reading of Moisture, Fat / Oil & Protein, and Color - Food: Color, Moisture, Fat/Oil & Protein - Industrial (Bulk): Color & Moisture	

Bulk Material Handling & Processing Equipment

Group	Application	Manufacturer
LOAD SPOUTS 	• Standard Spouts • Open Stacking Spout • Manual Operated Spouts • Low Profile Spouts	
PREMIUM ROUND GRAIN SILICA SANDS 	• Foundry / Metal Casting • Building Products • Chemical Production • Paints & Coatings • Glass Making & Ceramics • Water filtration	
WEIGH SYSTEMS 	• Volumetric Feeders • Gravimetric Feeders • Weigh Belt Feeders • Belt Scales • Bulk Bag Unloaders	
INSTALLATION/SERVICE/FABRICATION 	• Installation & Engineering Services • Belt Conveyor Systems • Piping • Bucket Elevator	
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	
DUST SOLUTIONS 	• High Pressure Water systems • Dry & High Pressure Fogging systems • Custom Wind Fencing	
ROBOTIC AUTOMATION 	• Machining of composite, plastic and fiberglass components. • Assembly of both electrical and mechanical components. • Industrial Process Automation • Bin picking with 2D and 3D vision systems.	• Palletizing and depalletizing of items in general industry. • Automated Palletization or depalletizing for Food and materials industry. • Robotics industrial automation. 