

Bulk Material Handling & Processing Equipment

Group	Application	Manufacturer
LOAD SPOUTS 	<ul style="list-style-type: none"> • Standard Spouts • Open Stacking Spout • Manual Operated Spouts • Low Profile Spouts 	
PREMIUM ROUND GRAIN SILICA SANDS 	<ul style="list-style-type: none"> • Foundry / Metal Casting • Building Products • Chemical Production • Paints & Coatings • Glass Making & Ceramics • Water filtration 	
AIR SYSTEMS 	<ul style="list-style-type: none"> • Using air to remove fines, dust and other light weight materials • No moving parts • Use after screening or before bagging / packaging 	
INSTALLATION/SERVICE/FABRICATION 	<ul style="list-style-type: none"> • Installation & Engineering Services • Belt Conveyor Systems • Piping • Bucket Elevator 	
LEVEL MONITORING SYSTEMS 	<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 	<ul style="list-style-type: none"> • Remote Monitoring • Installation and Service 
SILO DISCHARGER 	<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 	

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!

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Group	Application	Manufacturer	Group	Application	Manufacturer
DRYING/COOLING AND PROCESSING 	<ul style="list-style-type: none"> Vibrating Fluid Bed Static Fluid Bed Flash Drying Media Slurry Dryer Tornesh Dryer Spiral Elevator Processing 		CONVEYORS 	<ul style="list-style-type: none"> Screw Conveyors Bucket Elevators Belt Conveyors Drag Chain Conveyors Live Bottom Feeders Heat Transfer Conveyors Shaftless Screw 	
INGREDIENT BATCHING 	<ul style="list-style-type: none"> 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 		STEEL TANKS 	<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 	
VIBRATORY & PROCESS EQUIPMENT 	<ul style="list-style-type: none"> 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 		ROTARY VALVES, DIVERTERS, & SLIDE GATES 	<ul style="list-style-type: none"> Rotary Valves & Air Locks Diverters Slide & Control Gates Double Dump Valves Round Head Valves 	
THERMAL PROCESSING & COOLING 	<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 		THERMAL DRYING SOLUTIONS 	<ul style="list-style-type: none"> 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 	
SCREW CONVEYORS, MIXING, BLENDING 	<ul style="list-style-type: none"> 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 		MAG SEPARATION: RARE EARTH & CERAMIC 	<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 	
FIRE & EXPLOSION PROTECTION 	<ul style="list-style-type: none"> Explosion Venting Flameless Venting Chemical Suppression Explosion Isolation Spark & Multi Gas Detection Water Mist Suppression 		SOLID & AIR FLOW MEASURING 	<ul style="list-style-type: none"> Solid Flow Meters Solid Flow Feeders Solid Flow Fillers Air Flow Measuring 	
DUST COLLECTORS & WET SCRUBBERS 	<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 		TUMBLE BLENDERS 	<ul style="list-style-type: none"> Tumble blenders Continues tumble blending Tubular Vacuum drying Vacuum tumble blending dryer / mixer Lab tumble blenders 	
ROTARY SCREENING 	<ul style="list-style-type: none"> Gently Screens Without Product Damage Cleans, Sifts, Scalps or Sorts Non-Vibrating Screener Rotary Drum Design Low Maintenance Fully Enclosed 		INDUSTRIAL VACUUM CLEANERS 	<ul style="list-style-type: none"> Portable Vacuum Systems Pneumatic Conveyance Specialty Vacuum Systems Dust Collectors Central Vacuum Systems 	