

Sol-Tech

Bulk Material Handling & Processing Equipment

www.sol-techgroup.com



Explosion & Fire Protection
Flow Measurement
Magnets

Pneumatic Conveying
Rotary Air Locks
Screening

Size Reduction
And much more!

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BMH-SO-2025-07-WEB

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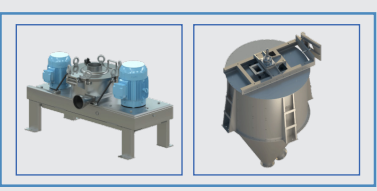


Group	Application	Manufacturer
DRYING/COOLING AND PROCESSING 	<ul style="list-style-type: none"> • Vibrating Fluid Bed • Static Fluid Bed • Flash Drying • Media Slurry Dryer • Tornesh Dryer • Spiral Elevator Processing 	
THERMAL PROCESSING & COOLING 	<ul style="list-style-type: none"> • Rotary Calciners & 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 	
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 	
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 	
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 	
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 	
FIRE & EXPLOSION PROTECTION 	<ul style="list-style-type: none"> • Explosion Venting • Flameless Venting • Chemical Suppression • Explosion Isolation • Spark & Multi Gas Detection • Water Mist Suppression 	
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 	

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The answer to process improvements

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CONVEYORS 	<ul style="list-style-type: none"> Screw Conveyors Bucket Elevators Belt Conveyors Drag Chain Conveyors Live Bottom Feeders Heat Transfer Conveyors Shaftless Screw 	
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 	
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 Roto Speed Switch 	
TUMBLE BLENDERS 	<ul style="list-style-type: none"> Tumble blenders Continuous tumble blending Tubular Vacuum drying Vacuum tumble blending dryer / mixer Lab tumble blenders 	
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 	
SOLID & AIR FLOW MEASURING 	<ul style="list-style-type: none"> Solid Flow Meters Solid Flow Feeders Solid Flow Fillers Air Flow Measuring 	
BULK MEASUREMENT CONTROL 	<ul style="list-style-type: none"> Real Time Reading of Moisture, Fat / Oil & Protein, and Color Food: Color, Moisture, Fat/Oil & Protein Industrial (Bulk): Color & Moisture 	
LOAD SPOUTS 	<ul style="list-style-type: none"> Standard Spouts Open Stacking Spout Manual Operated Spouts Low Profile Spouts 	

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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 	<p>EBM Manufacturing</p> <p>ASPIRATOR</p>
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 	 <p>smartsand® Industrial Product Solutions™</p>
INSTALLATION/SERVICE/FABRICATION 	<ul style="list-style-type: none"> • Installation & Engineering Services • Belt Conveyor Systems • Rigid Screw • Bucket Elevator 	 <p>CORK EQUIPMENT A CONSTRUCTION CO.</p>
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 • Remote Monitoring • Installation and Service 	 <p>MAXI-TRONIC INCORPORATED™</p>
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 	 <p>IMPERIAL STEEL TANK A DIVISION OF Reflex, Inc.</p>
SIZE REDUCTION & AIR CLASSIFICATION 	<ul style="list-style-type: none"> • Whirlwind Air Classifiers • Super Fine Air classifiers • Jet Mill Micronizer both Sanitary & Pharmaceutical designs • Pin & Hammer Mills • Hammer Mills • Jaw Crushers, Roll Crushers, & Rotary Crushers 	 <p>STURTEVANT SINCE 1883</p>
INDUSTRIAL VACUUM CLEANERS 	<ul style="list-style-type: none"> • Portable Vacuum Systems • Pneumatic Conveyance • Specialty Vacuum Systems • Dust Collectors • Central Vacuum Systems 	 <p>delfin INDUSTRIAL VACUUM SOLUTIONS</p>