# Bulk Material Handling & Processing Equipment



**Application** Manufacturer Group

### DRYING/COOLING AND PROCESSING



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



#### 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



**Carrier** 

### **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
- · Process Equipment



## PNEUMATIC CONVEYING





- Pneumatic Transporters
- Batch Sand Mixers
- High Temp Pneumatic Transporter
- · Powder Feeders
- · Heater/Coolers
- · AKO Pinch Valves



### **DUST COLLECTORS & WET SCRUBBERS**





- Pulse clean cartridge collectors
- · Bin vents
- Cyclones
- Venturi scrubbers
- · Pulse cleaned bag collectors · Eductor scrubbers
  - · Impingement plate scrubbers
  - Pack Tower scrubbers



#### 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



#### CONVEYOR/LOADING SYSTEMS





- Conveyor Systems
- · Air Supported: Tubulator & The Belt Conveyor
- · Idle & Drag Conveyors
- Ship, Barge & Truck Loading & Unloading Systems
- Mobile Mechanical Unloaders



Sol-Tech Group, Inc. PO Box 251, Mason, Ohio 45040 Phone: 513.382.5146

Email: contact@sol-techgroup.com





#### **Application** Manufacturer Group

#### **SOLID & AIR FLOW MEASURING**



- · Solid Flow Meters
- · Solid Flow Feeders
- · Solid Flow Fillers
- · Air Flow Measuring



#### **BULK BAG PACKAGING**



- · Bulk Bag Loading & Unloading
- Drum Filling & Discharging
- · Bulk Bag Conditioners
- · Fully Integrated Loading Systems
- Manual Dump Stations



### MAG SEPARATION: RARE EARTH & CERAMIC



- Plate Magnets & Protection Vertical Spout Magnets
- Tube & Grate Magnets
- Drawer Magnets
- Liquid Plate & Trap
- · Suspended Belt Magnets
- · Head Pulley Magnets
- Rotary Drum Magnets



### **LOAD SPOUTS**



- · Standard spouts
- · Open stacking spout
- · Manual operated spouts
- · Low profile spouts



#### FILTERING/DEWATERS





- Belt Filter Press
- Centrifuge
- Fine Particle Wet Classification and Separation
- · Slurry and Sludge Thickening and Dewatering



### INSTALLATION/SERVICE/FABRICATION



- · Installation & Engineering Services
- · Belt Conveyor Systems
- · Rigid Screw
- Bucket Elevator



#### 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



### CRUSHING/GRINDING & PULVERIZING





- Primary & Secondary Impact Crusher
- Vertical Shaft Impacts
- · Cage Mill Pulverizer
- · Fine Grind Air Swept Mills

