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



Group Application Manufacturer

# **NO-BAKE FOUNDRY EQUIPMENT**



- · No-bake Foundry Equipment
- Continuous Sand Mixers
- Sand Reclamation Systems
- Mold Handlers
- · Compaction Tables
- Core Makers
- Rollover Draw Machines



#### **GREEN SAND SYSTEM/MATERIALS HANDLING**





- · 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 ElevatorsScrew Elevators



#### **LADLES**





- Transfer and Casting Ladles
- Treatment Ladles
- Teapot Spout Ladles
- · Manual or Motor gear Rotation
- · Bottom Pour Ladles
- Auto Pour Units
- · Ladle Pre-heaters



#### THERMAL PROCESSING





- 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



# **DUST COLLECTORS & WET SCRUBBERS**





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



#### PNEUMATIC CONVEYING





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



#### CONVEYOR/LOADING SYSTEMS





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



Jason Bosworth

Cell 330.388.3254 jason@sol-techgroup.com

**Doug Agin** 

Cell 513.382.5146 Fax 513.459.7909

dagin@sol-techgroup.com

**Sol-Tech Group, Inc.** 7791 Yellowwood Drive Mason, Ohio 45040

www.sol-techgroup.com





#### **Application** Group Manufacturer

# **GREEN SAND CONTROLS**





- · Green Sand Molding Equipment
- · Rotary Drums
- Flasks







- 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



# **BULK BAG PACKAGING**



- Height Adjustable Machines
- Inflation Cuff for Sealing the Bag Spout Connection for Dust Control and Bag Retention
- · Dust Collect Features for Safely Removing Displaced Air from the Bag During Filling
- · Bag Inflation for Optimum Filling



# FILTERING/DEWATERING



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



## **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**



# **INSTALLATION & SERVICE OF EQUIPMENT**





- · Belt Conveyor Systems
- · Rigid Screw
- Bucket Elevator
- · Equipment Modification



# **BLASTING EQUIPMENT**





- Tumble Blast
- · Table Blast
- · Spinner Hanger



#### FURNACE AREA





- Manual Fluxes
- · Wall Cleaning Fluxes
- · Injection Grad Fluxes
- Flux Gun Applicators
- Flux Injection Equipment
- · Rotary Flux Injection
- Rotary De-Gassing
- Reduced Pressure Test Equipment
- · Graphite Shafts
- · Tap Cones

