

Robbins Solid Solutions™



Jim Robbins and Associates, Inc.
Air Pollution Control & Bulk Solids Handling

Visit our web site: www.RobbinsAssoc.com

Jim Robbins & Associates Area Representatives To Serve You

Walker Robbins
 901-568-4000
 Western TN and North MS

Patrick Mulhern
 901-440-7909
 Arkansas

Frank Mitchell
 423-326-9602
 Eastern Tennessee

Jim Robbins
 423-322-4000
 Middle Tennessee



JRA Welcomes Frank Mitchell as New Eastern Tennessee Manager

Frank brings 10 years of industrial experience to help you, along with our partners, to find smart solutions for your bulk solids handling and air pollution control needs.

Frank's hobbies include waterfowl and turkey hunting, golf, and spending time with his wife, Laine, and two children, Elouise and Sullivan.

Frank is eager to personally study your application to help you solve problems by providing a solid engineered solution.

JRA Selected to Represent *Best in Class* Partners:

CARRIER VIBRATING custom engineers & builds robust and efficient Vibrating Fluid Bed Dryers, Conveyors, Feeders, Screens, Spiral Elevators, and Bin Dischargers for 70 years. More on page 5.



Carrier Fluid Bed Dryer



CBC Induced Draft Fan

CHICAGO BLOWER builds centrifugal and axial fans from 50-1,000,000 CFM to 100 WG" of most weldable alloys and aluminum with AMCA certification since 1947. More on page 2.



Thomas Conveyor 94" Diameter

THOMAS CONVEYOR builds custom screw conveyors (vertical, horizontal, inclined) to 10' diameter, bucket elevators and drags since 1947. More on page 6.



Heyl Patterson Rotary Kiln

HEYL PATTERSON THERMAL PROCESSING engineers & builds dryers, coolers, calciners, and processors with fluid beds, rotary drums, and flash dryers. More on page 4.

S. HOWES builds custom engineered Split Tube Inclined Screw Conveyors, Mixers, Size Reduction, Classifying, Granulators and more. More on page 6.



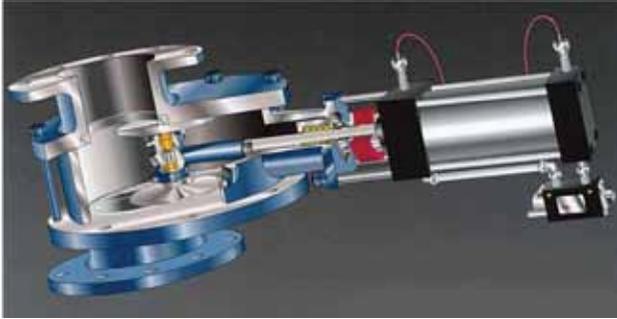
S. Howes Split Tube Conveyor



REMBE Q-Flap

REMBE engineers and builds Combustible Dust Explosion Protection with ATEX & FM approved NFPA Compliant Flameless Vents, Rupture Discs, Isolation Valves, and more. More on page 6.

Do You Repair or Replace the Same Valve More Than Once Yearly?



Everlasting Bulk Material Valve

It may be time to consider Everlasting Valves Rotating Disc Valves. Invented by Everlasting Valve more than a century ago, their self-lapping, Rotating Disc Valve remains the toughest, longest lasting, best performing valve on the market today.

Everlasting Valves seal tighter as they wear in and improve with use. As the valve opens and closes, the disc rotates incrementally, uniformly polishing away scratches and creating an ever-tightening seal.

Feature include;

- Sizes from 2" to 18" and larger
- Pressure up to 10,000 PSIG
- Temperatures up to 1500°F
- For dry solids and abrasive slurries
- Cast, Carbon, Stainless and Alloy construction available
- Lever, handwheel, air cylinder, linear, hydraulic, electric actuators
- Shift-on-the-fly diverting and proportioning built into the valve design

BACT's Efficient, Versatile Scrubber With Guaranteed Performance!



The Multi-Element Scrubber by BACT Engineering has been successfully proven in many installations for the removal of particulate and gaseous contaminants. Combining scrubbing elements and mist eliminators in a single shell, this scrubber provides an economical solution to air pollution control regulations.

Additional features of the BACT Multi-Element Scrubber include:

- High efficiency over a wide pressure drop range to comply with EPA or state code
- Versatile design choice with multiple configurations to fit your envelope space
- Low liquid to gas ratio to minimize water/liquid consumption and pump HP
- Low maintenance, easily accessible interior to enable downtime
- Compact modular design for low installation cost and time
- Wide choice of construction materials for corrosive gases and particulate
- Turndown is practically infinite, either manually or automatically to save HP
- Easily upgrade performance on new or existing scrubbers for later air code changes

BACT offers a full range of air pollution control services, from scrubbers both wet and dry to packed towers, heat exchangers, DeNOx systems and thermal oxidizers. Performance is guaranteed in writing with JRA complimentary start up!

BACT Multi-Element Scrubber

Magnet Audit Services -- FSMA and SQF Compliance Assistance

Does your facility require validation and documentation of the performance of your metal control systems?

MPI certified magnet auditors are professionally trained on proper procedures to monitor the effectiveness of your preventative controls by verifying through testing. During the audit your auditor will physically inspect and measure the strength of each magnetic separator. Equally as important as testing for strength, the auditor will also ensure magnets are properly placed, identify damaged or worn parts, and ensure all are functioning properly. Shortly after the conclusion of the audit a report will be provided containing an overview of findings, an evaluation of equipment, and a detailed report with photographs.

MPI Audit Services benefits include:

- Ensures equipment works properly and meets application requirements
- Ensures magnets have effective pull, are in proper location, and are cleaned correctly
- Ensures tramp metal is effectively removed
- Ensures company possesses HACCP documentation and meets QA standards

Contact Jim Robbins and Associates, your local MPI representatives, today to schedule an appointment.



MPI's DMU Unit



Chicago Blower's Custom Engineered Fans Run for Decades



CBC Vane Axial Fan

Since 1947, the Chicago Blower family has built custom engineered, stout fans to run for decades. AMCA and ISO 9001 rated quality performance you can trust to move your air (dirty or clean) with Centrifugal, Axial, Cast Aluminum, Custom, Plug, Air Kit, and more. New larger pre-engineered fans enable quicker deliveries and most cost-effective solutions. Call Chicago Blower's "Fan Doctor" to promptly resolve fan dilemmas or call your JRA local rep for immediate 24/7 help.

With Fan Net by Chicago Blower, your JRA fan rep can quickly find the best and first operating fan selection and delivery. Chicago Blower combines brains, innovation, experience, hard work, talent, sound engineering and speed to build cost efficient fan selections.

Chicago Blower builds a host of various designs and models to enable smart fan solutions you can trust to run for decades with minimum maintenance and maximum efficiency (BHP). Our family has a history of delivering sound engineered fans you can trust.

Acrison's New BDF-1.5 Volumetric Feeder Features Unique Metering Mechanism For Precision & Reliability

Acrison®

Acrison's new BDF-1.5 Volumetric Feeder is specifically designed to produce positive flow and feed of even the most difficult to handle dry solid ingredients. This rugged heavy duty dry solid feeder features a dissimilar speed & triple auger/agitator mechanism for optimum metering and hopping performance.

This unique metering mechanism conditions the material to a very consistent state while efficiently and reliably filling the metering auger from a minimum of 320°. Even the most difficult to handle materials are ensured smooth, gentle and unrestricted movement.

Acrison's BDF-1.5 Volumetric Feeder features standard all-steel construction and is equipped with a single variable speed AC or DC gear motor drive.

Reach out to your area JRA representative to schedule a witness test today!

Acrison BDF-1.5-2 Triple Auger Agitator Feeder



C.P.E. Filters, Inc.: Welded Dust Collector with Best First and Operating Investment



With over 42 years of experience, C.P.E. Filters, Inc. custom engineers and builds a broad assortment of dust collectors, bin-vents, bag and cartridge collectors, and cyclones from 2 to 200,000 CFM. Available from -17" HG to more than +15 PSIG vessel design collectors, C.P.E. Filters offers standard and custom designs for a full range of industrial applications.

C.P.E. Filters determine proper air-to-cloth ratios, the right filter media and can velocities required to efficiently collect and release your dust. C.P.E. Filters takes an innovative approach to provide high-quality, maintenance-friendly, stout solutions.

Advantages of C.P.E. Filters include:

- Guaranteed in writing collection efficiency of 99.9%+ to comply with EPA and state code
- Local start-up service at no charge by JRA
- Minimum freight housing shipments for faster, less costly installation
- Heavy-duty industrial steel welded construction, no internal moving parts to maintain or replace
- Complimentary analysis on site with a trained JRA rep for a review at your facility
- Best investment combining first cost, operating cost, and especially cartridge or bag cost
- Results proven over 49 years in the Mid-South with numerous proven installations

Cyclonaire Gets You Moving in the Right Direction!

cyclonaire

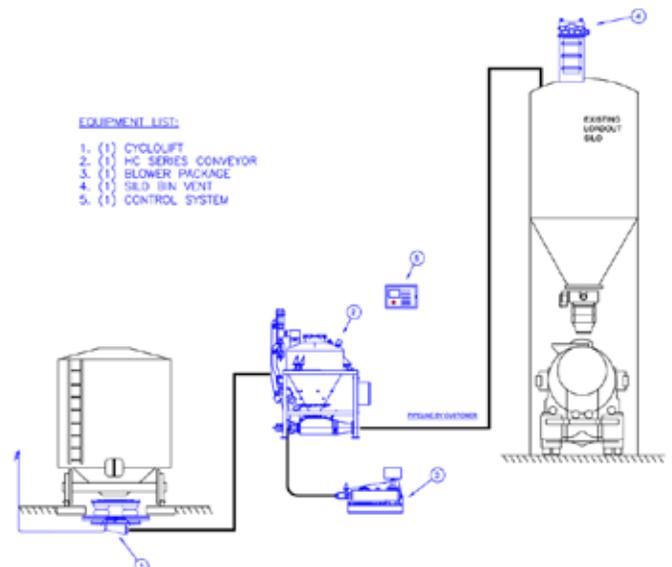
pneumatic conveying solutions

Offering Dense, Semi-Dense, and Dilute Phase Vacuum and Pressure Pneumatic Conveying, Cyclonaire has selected JRA as reps in TN, AR and MS. As the leading manufacturer of state-of-the-art pneumatic conveying systems, components and accessories, Cyclonaire has what it takes to get you moving in the right direction.

Through more than 40 years of service, Cyclonaire has successfully designed and developed innovative pneumatic conveying solutions for a variety of industries and unique applications from bulk material transfer to railcar unloading, carbon black and cement conveying, and dust collection.

Cyclonaire can find a solution that optimizes the efficiency of your operation and meets your exact needs. In addition to complete pneumatic systems, Cyclonaire also offers a full line of components, parts and accessories to create the exact solution for your application. Witness test your product at Cyclonaire to see minimum first and operating costs.

Cyclonaire Rail Car Unloading System





Heyl Patterson Thermal Processing Over 146 Years has Developed Expertise in Building Efficient, Cost-Effective Thermal Processing Solutions

Heyl Patterson builds robust dryers, coolers, calciners, and flash dryer/coolers world-wide. With Carrier Vibrating Heyl Patterson you find a single source for your thermal processing with the know-how to select the smartest solution.

Witness a test at Heyl Patterson in Pittsburgh, PA, or Louisville, KY, your thermal project to document and demonstrate the most efficient dryer for your best ROI. Please call your local JRA rep to plan an on-site review to schedule a test and find the results you can bank on.



HP Rotary Dryer Internal Flighting

Hi-Vacs Can Pay for Themselves in Under a Year

Hi-Vac industrial vacuum systems clean up aggregates, powders, liquids, slurries and any material that will flow through a hose. With a long reach -- up to 2,000' -- and powerful suction up to 18" of mercury, a Hi-Vac industrial vacuum system cleans out deep pits, dust collectors, catwalks, holds, conveyors, ducts, elevators and other hard-to-reach areas. Most Hi-Vacs pay for themselves in less than six months. With a Hi-Vac, cleanup jobs can be completed in hours instead of days.

As indoor air quality requirements become more robust, a well-designed vacuum system is integral to improving and maintaining indoor air quality at many facilities. Furthermore, facility dust abatement strategies are a key factor in prevention of potentially dangerous explosive levels of dust accumulation.

Hi-Vac takes pride in delivering the best value featuring:

- Innovative and cost-effective products
- Robust and reliable components
- Operator friendly designs
- High performing reliable systems
- Local complimentary startup service

Hi-Vac's Portable Vacuum Cleaners Allow for Vacuuming of Solids or Liquids



InterSystems' PS Sampler Ideal for Pneumatic Lines, Hoppers, Bins, Chutes and Pipelines

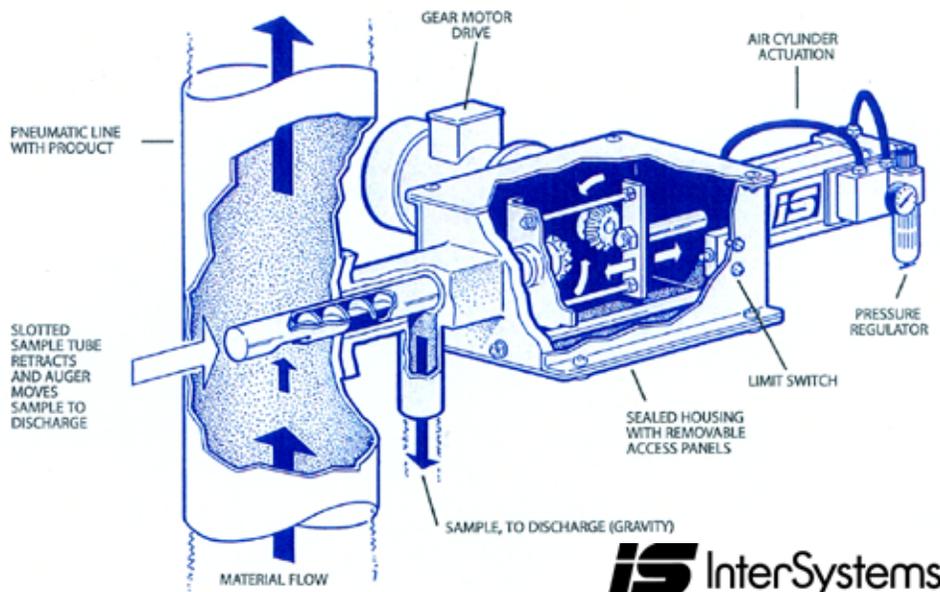
InterSystems designs and manufactures rugged industrial sampling systems. Our samplers are used in gravity, pneumatic or liquid lines and installed in chutes or at the end and middle of moving belts. Controls and accessories such as collection carousels and PLC interface-capability are available.

Sample materials range from microscopic powders to granules and pellets. InterSystems samplers can comply with ASTM standards.

The Model PS retrieves accurate samples from gravity or pneumatic conveying systems (positive or negative, dense or dilute phase) and may be mounted in vertical or horizontal lines, spouts or chutes.

InterSystems also offers samplers for chutes, pits, tanks, belt conveyors and almost any other application.

Whether sampling from a pneumatic conveying line, truck, silo, bin, hopper, chute, high-pressure line, belt, drag or screw conveyor, InterSystems has a model to suit your application.



InterSystems PS Sampler



Carrier Vibrating Leads the World Finding Smartest Custom Engineered Solutions with Vibration Since 1950

Carrier has proven their expertise with the latest innovations to build process solutions based on experience and testing. Carrier can engineer/build one step solutions to: dry, cool, convey, dewater, discharge, divide, fluidize, elevate, feed, flatten, heat, mill, orient, quench, recycle, scalp, screen, solidify, tumble, withdraw and more.

CPEG partners are Carrier Vibrating, S Howes and Heyl Patterson Thermal Processing. Please see www.carriervibrating.com and call your local JRA rep to schedule a complimentary review and witness a test in Louisville, just hours away.



Carrier Vibratory Conveyor



Cost-Effective Ploughshare Blenders from Jaygo



Jaygo JTB Series Ploughshare Blenders and Dryers can be utilized for blending dry material, powdery, granular, short fibered, moist solids and liquids together with pasty substances up to and including highly viscous masses. The JTB Blender can be used for numerous processes including: compounding, fine mixing, dispersing, suspending, emulsifying, deaerating, tempering, accelerating chemical or physical reaction, granulating and breaking down agglomerates.

The JTB Blender can handle nearly all types of materials and is particularly suited for such difficult processes and mixing trace elements in proportions of 1 in 100,000 to 1 in 1,000,000 parts. Standard sizes of the JTB Blender range from 1/8 cu. ft. to 150 cu. ft., with larger sizes available upon request.

Jaygo also offers a complete line of mixing, blending and reacting technology for most any application. Demonstration and rental units available for on-site testing, pilot runs, and witness testing at Jaygo Test Lab.



Jaygo
JTB Ploughshare Blender

Prater Rotary Airlock Valves 6" to 22", NFPA-69 Certified, Made in the U.S.A.



Prater Rotary Airlock

Prater Industries is pleased to announce that they have successfully completed third-party testing of their 6" through 16" square rotary airlock valves. Prater is currently one of the only U.S. manufacturers of NFPA-69 certified rotary airlock valves.

NFPA-69 rotary airlock compliance requirements include:

- Sufficient strength to withstand Pred-maximum anticipated explosion pressure
- Design basis to specific explosion characteristics of the power being handled
- Valve pressure resistance shall be certified or tested by a knowledgeable test authority
- At least 8 vane rotors, diametrically opposed. Prater's standard design is 8 blades, with at least two vanes on each side of the valve housing in a position of minimum clearance at all times
- Valve shall have metal body and vanes (flexible tips available for non-NFPA needs)
- Externally mounted bearing (internal bearing designs for non-abrasive, non-NFPA jobs)
- Less than 0.0079" clearance between the valve body and rotor vane tips (varies if non-NFPA)

Prater also offers a full line of lump breakers, hammermills, fine grinders, classifier mills, air classifiers and centrifugal sifters with 90 years of success. Witness test your product at Prater!

At Rapat Corporation, Our Only Business is Moving Bulk Products

Rapat offers a full line of material handling equipment, including structural steel trussed, structural steel channel, and enclosed frame belt conveyors, bucket elevators, corrugated sidewall belt conveyors, drag conveyors, and distributors. Rapat's individual pieces of equipment can be customized and integrated into a material handling system with all the necessary structural steel support, towers, service platforms, stairs, ladders, and interconnecting chute work required for your specific application.

Customized or one-of-a-kind equipment are often required for specialized bulk material handling applications. No two individual installations or uses for a product are exactly the same. Rapat Corporation will design and build the exact equipment needed to get the job done right!

Rapat Truss Conveyor



Safe Indoor Venting for Management of Combustible Dust Explosion Risks: The REMBE® Q-Rohr®

The REMBE® Q-Rohr® line of products is an indoor flameless venting system that eliminates the need for relocating dust collectors or other enclosures outside! The REMBE Q-Rohr consists of a specialized stainless-steel mesh construction and a REMBE rupture disc. An integrated signaling unit connects to any audible/visual plant alarm/auto shutdown mechanism to alert plant personnel, should there be an incident. In an event, flames are extinguished, pressure/noise/dust are reduced to negligible levels. FM and ATEX approved. NFPA compliant.



REMBE Q-Rohr Flameless Venting System

S. Howes has Over 160 Years of Proven Quality, Robustness and Process Design



Cutaway View of Continuous Blender by S. Howes

S. Howes has over 160 years of proven quality, robustness and process design knowledge for dry bulk handling equipment. They are also part of the Carrier Process Equipment Group, which includes Carrier Vibrating Equipment and Heyl & Patterson Thermal Processing. These great companies all have a very long history of engineered process equipment.

S. Howes' inclined rigid split tube conveyors demonstrate their experience in food processing and chemical handling with their high quality, robust and easy to clean screw conveyor design. Their tubular and u-trough conveyors offer robust shafted screw conveyor solutions for most industrial markets. Their line of thermal conveyors let their customers cool, heat, or dry many different materials.

S. Howes' batch and continuous mixers offer customers decades of reliability, low maintenance and thorough mixing for their many applications and industries.

Their engineered-to-order blending, separating, screening and size reduction equipment are a great complement to many customers' various processing needs.

They also have an expansive lab and rental equipment fleet to support your processing needs. Call a JRA rep for your review at your plant to engineer the smartest budget to increase productivity and engineer out maintenance/downtime.

Taylor IBC 3000 Packer Designed for Filling Bags, Drums & Boxes Quickly



Taylor Products, exclusively represented by JRA, offers complete bulk automation with simplicity and flexibility. Taylor's systems are designed to handle a variety of materials and weights, from free flowing granules to fragile powders.

Taylor's IBC 3000 Packers are engineered for many kinds of materials and containers. The IBC's modular design allows complete flexibility, from a freestanding manual operation to a fully integrated and automated packaging process system. Constructed of heavy tubular steel in a compact footprint, the IBC 3000 can be easily modified with any of its multiple options in order to handle specific requirements.

- 100 lbs. to 5,000 lbs. capacity
- Handles granules, powders and pellets
- Fills drums, bags, boxes & metal containers
- Compact modular design
- Popular options include stainless steel construction, bag inner inflator, automatic bag strap and neck seal release, drum hood, box hood, lift platform, scale, pallet dispenser, conveyor system, electronic controls and more.



Taylor IBC 3000 Packer



Thomas Conveyor Company: Designs, Engineers, and Builds Conveyors, Bucket Elevators, Drags and More



For 60 years Thomas Conveyor Company has earned a reputation of building rugged conveyors by expert welders and craftsmen to outperform expectations. In a 220,000 square foot plant, Thomas has the capacity to promptly produce efficient conveyors for best ROI with cost effective first and operating investments.

Numerous repeat customers can vouch for Thomas' performance and customer service. Please call your local JRA rep for an onsite analysis and recommendations.

Thomas Screw Conveyor

Filling Silos Full of Dust? Measure Precisely With UWT's NivoRadar!



UWT's NR series continuously measures silo levels even during fill with dusty solids. This compact standard 316 SS sensor measures to 328', 392°F, and to 43 PSIG. Due to its high sensitivity, it is suitable for measurement of almost all dusty bulk materials. The narrow-band frequency NivoRadar emits a powerful narrow beam angle for precise measurement which is converted into a two wire 4-20mA signal. Easy, quick startup with a Plug In Display (LDI) with Quick Start Wizard. ATEX, FM CSA, and CE rated for hazardous environment installations.

The ability to withstand high process temperatures and dusty atmospheres means this free radiating sensor provides accurate and reliable measurement results with optional aiming flanges. This gives the NivoRadar the ability to handle the widest range of applications for most bulk solids.

UWT's complete line of dry bulk level detector technology includes rotary, capacitance, radio frequency, vibratory fork, vibratory rod as well as plumb bob. Call a JRA rep to view or test a UWT!



UWT NivoRadar (Top)



Vac-U-Max Mobile Conveying System

Vac-U-Max: The Smartest Distance Between Two Points

Vac-U-Max is the premier manufacturer of custom pneumatic conveying systems and support equipment for conveying, vacuum conveying, batching and weighing materials. With a Vac-U-Max pneumatic conveying system on-site, your company's products can move gently and quickly from point to point, with nothing to impede the efficiency of its movement. Vac-U-Max Basic Vacuum Conveying Systems consist of a single pick-up point, a single vacuum receiver and vacuum producers and a control panel.

Available in USDA Sanitary design, they are suitable for food, pharmaceutical and chemical industries. Distances conveyed vary for 10' "up and in" to more than 200'. Applications include loading mixers, packaging machines, tablet presses, volumetric or gravimetric feeders or any other application where bulk dry powders are conveyed to the process.

These save injury costs by eliminating the need for heavy lifting, scooping and climbing. Standard money back guarantee offered. Vac-U-Max also offers a complete line of aeromechanical and flexible screw conveyors, bin activators, bag dump stations and bulk bag fillers and unloaders. Witness a factory test!

Vortex Loading Solutions for Dust-Free Truck, Ship or Rail Filling

Vortex Loading Solutions offers spouts, filters, positioners and more, all engineered to handle dry bulk solids like powders, pellets and granules, ideal for loading rail cars, truck, tankers, barges and ships.



Vortex's CNC Machined Lifting Pulley

Vortex's loading spout can be used in open or closed loading. Engineering out the traditional weak spots, it features an industry first four-cable lifting design, with CNC machined lifting pulleys. This unique design reduces cable wear and extends the service life of the loading spout, guaranteed for 10 years.

Vortex Loading Solutions allow facilities to meet EPA standards while preventing waste. Material is distributed evenly, and Vortex's loadout products are engineered to be dust tight in dry bulk applications.



Vortex Loading Spout, Loading Solutions for Dust Free Loadout

Vortex Titan Slide Gates and Diverters for Heavy-Duty Applications

The Vortex Titan Gate is designed to meet the most demanding applications when handling heavy-duty abrasive materials such as sand, gravel, rock, coal and other whole grain type materials. The gate handles DRY material in a gravity flow application where positive material shut-off and metering with dust-tight sealing are required.

The Titan Gate features:

- Adjustable rollers to keep blade dust-tight
- Actuation options for pneumatic, electric, hydraulic, handwheel, chainwheel, hand crank configurations
- Available sizes ranging from 6" to 36" and custom sizing (up to 10'+ in some applications)
- Temperatures up to +600°F!
- Abrasion resistance liners and blades to reduce wear and extend life of valve
- Bonnet purge is utilized to separate material from the body and in the material stream
- Displacement pocket to help prevent material packing
- Replaceable seals assist in preventing material leakage

Salina Vortex also offers a complete line of valves for dry solids as well as dust-free loading spouts with integral dust collectors and more.



Vortex Titan Gate Valve Features:

- | | |
|------------------------------|--------------------------------|
| (1) Optional bonnet purge | (5) Displacement end pocket |
| (2) Abrasion resistant liner | (6) Carbon steel frame |
| (3) Abrasion resistant blade | (7) Externally greased rollers |
| (4) Polymer side seals | (8) Replaceable bonnet seals |



**PRSRST STD
 US POSTAGE
 PAID
 (printer can drop in)**



JRA Can Help You Find Smart Solutions With Quality Products And Systems Listed Below

ACRISON

- Gravimetric Feeders
- Volumetric Feeders
- Batching Systems
- Continuous Blending

BACT PROCESS SYSTEMS, INC.

- Scrubbers
- Air to Air Heat Exchangers
- Air Pollution Control Systems

CARRIER VIBRATING

- Dryers
- Vibrating Bin Dischargers
- Vibratory Conveyors
- Vibratory Spirals
- Vibratory Feeders
- Vibratory Screeners

CHICAGO BLOWER

- Centrifugal and Axial Fans
- Blowers
- Exhausters

C.P.E. FILTERS, INC.

- Baghouses
- Dust Collectors
- Bin Vents
- Filter Receivers
- Cartridge Collectors

EVERLASTING VALVE CO.

- Rotating Disc Valves
- Abrasion Resistant Valves
- Diverter Valves

HEYL PATTERSON

- Rotary Dryers and Coolers
- Calciners

HI-VAC CORPORATION

- Portable Vacuum Systems
- Central Vacuum Systems
- Vacuum Trucks

INTERSYSTEMS

- Automatic Samplers

JAYGO INCORPORATED

- Ribbon, Plough and Vee Blenders
- Conical Screw Blenders/Dryers
- Turbulent Blenders

MAGNETIC PRODUCTS INC.

- Tramp Metal Removal Magnets
- Rare Earth and Ceramic Magnets
- Vibratory Feeders
- Metal Detectors

PRATER STERLING

- Airlocks
- Hammermills/Fine Grinders
- Sifters
- Classifier Mills/Air Classifiers
- Lump Breakers

RAPAT

- Belt Conveyors
- Drag Conveyors
- Bucket Elevators

REMBE

- Compliance Flameless Vents
- Rupture Discs
- Explosion Protection

ROBBINS SOLID SOLUTIONS

- Tanks
- Silos
- Piping, Tubing and Coupling
- Vibrators
- BFM Fittings/Flexible Connections
- Box and Drum Dumpers
- Vibratory Ball Mills

S. HOWES

- Inclined Screw Conveyors
- Mixers

SALINA VORTEX

- Valves for Dry Solids
- Gate Valves
- Diverter Valves
- Butterfly Valves
- Loading Spouts

TAYLOR PRODUCTS

- Valve Bag Filling Systems
- Open Mouth Bag Filling Systems
- Bulk Bag IBC Systems
- Robotic Systems

THOMAS CONVEYOR CO.

- Screw Conveyors
- Drag Conveyors
- Bucket Elevators

UWT LEVEL CONTROLS

- Rotary Level Switches
- Vibratory Level Switches
- Plumb Bob Level Indicators
- Radar Level Indicators
- Capacitance Level Transmitters

VAC-U-MAX

- Vacuum Pneumatic Conveying
- Aeromechanical Conveyors
- Flexible Screw Conveyors
- Bulk Bag Unloaders and Fillers

Let Robbins Solid Solutions Find the Right Supplier for Your Storage Needs

Rely on the Robbins Solid Solutions (RSS) team to provide the most effective solutions for your tank, silo and storage needs! For more than 39 years, Jim Robbins and our sales teams have developed professional relationships with many of the premier suppliers of top storage tanks and silos in the industry.

Allow RSS to offer the most reliable and cost-effective tank solutions for your storage needs. RSS offers welded or bolted designs in aluminum, carbon, stainless or specialty alloy construction with welded designs reaching 15' diameter and in excess of 80' in height. The bolted hopper bottom designs reach more than 48' in diameter as well.



Please Help Us Improve Our Mailing List!

- Has your address changed?
- Should our newsletter be directed to others in your company? Who?

Please mail, fax or e-mail to us any changes corrections or additions to your address. Thank you!

**RSS Provides
 Bulk Storage
 Solutions**