



CONVEYING TYPES:

PNEUMATIC DILUTE PHASE

PNEUMATIC DENSE PHASE

GRAVITY FLOW

## QUANTUM SERIES | VALVES FOR DRY BULK PROCESSING AND CONVEYING

Orifice Gate	Roller Gate	HDPV2 Gate	Clear Action Gate
Maintenance Gate	Handslide Gate	Quick Clean Gate	Iris Valve
Seal Tite Diverter	Wye Line Diverter	Flex Tube Diverter	Gravity Vee Diverter
Fill Pass Diverter	Multi-Port Diverter	Controls & Accessories	

### QUANTUM SERIES MATERIALS HANDLED:

Agriculture	Petrochemical
Chemicals	Pharmaceutical
Plastics	Rubber
Flour & Food	and more...
Fine Powders	

### TITAN SERIES MATERIALS HANDLED:

Alumina	Limestone
Frac Sand	Sand
Cement	Whole Grains
Fly Ash	and more...
Coal	

### LOADING SOLUTIONS MATERIALS HANDLED:

Powders	Grain & Flour
Minerals & Fertilizer	Petrochemicals
Sand & Aggregates	Plastic Granules
Cement & Fly Ash	and more...
Coal & Wood Chips	

## TITAN SERIES | GATES AND DIVERTERS FOR HEAVY-DUTY MATERIAL HANDLING

TSG Gate	Aggregate Gate	TPV Gate	RBG Gate
Aggregate Diverter	TLD Diverter	Pivoting Chute Diverter	

## LOADING SOLUTIONS | DUST FREE LOADING SPOUTS AND EQUIPMENT

Loading Spout	Filtration Systems	Spout Positioner	Aerated Conveyors

## ENGINEERED SOLUTIONS | CUSTOM SOLUTIONS DESIGNED FOR APPLICATION

Orifice Gate - Modified	Seal Tite Diverter - Modified	TSG - Modified	Aggregate Diverter - Modified





## A GLOBAL BUSINESS PARTNER

Founded in 1977, Vortex specializes in the design and manufacture of components for the transport and flow control of dry bulk solids. Vortex's technical focus is in the development of innovative technologies to improve solids process efficiency, ensure dust-free environments, and establish long-term reliability. Throughout the world, over 15,000 companies such as Dow Chemical, Nestle, DuPont, Sabic, Jacobs Engineering, BASF, Kraft Foods, P&G, PepsiCo, Fluor, Vale, Solvay, Rio Tinto, ADM, Cargill, Bunge, and In-Bev rely on Vortex's innovative slide gates, diverters, iris valves, and loading solutions to improve process efficiency.

## QUALITY ASSURANCE & CUSTOMER SERVICE

Quality assurance in manufacturing is the most important prerequisite for the optimal performance of Vortex products in the field. Vortex is committed to going above and beyond for our customers. Vortex's client-focused quality management system is registered to ISO 9001:2008 and covers every aspect of product quality and technical services, from initial inquiry to product performance. With a customer service network that covers over 40 countries, Vortex can deliver global solutions at a local level. Our specialists are available to contact at any time and can be quickly on site.

## WORLD'S LEADING EXPERT IN HANDLING DRY BULK SOLIDS

Vortex clients can be assured they are getting the best solutions available on the market. By listening to their needs and relying on our in-depth knowledge of dry solids, our engineers can develop the right solution to meet the most demanding applications. The result is a product that will out-perform and out-last typical components found on the market today. Vortex's knowledge of dry bulk solid processing is unprecedented. For almost 40 years we have delivered innovative solutions to a wide range of industries, handling thousands of dry bulk solids. If the product is dry, there is a high probability Vortex has handled it.

## INNOVATIVE PRODUCTS FOR PROCESS IMPROVEMENT

Vortex offers a wide range of solids handling components that suits most materials and applications. Selecting the right piece of equipment is critical to the success of any dry bulk material handling system. Misapplied and design deficient components add unexpected costs and inefficiencies in process. The characteristics of dry bulk solids are endless, so there is no all-encompassing solution for every application. This is why Vortex offers the world's widest range of valves and loading solutions for handling nearly any type of dry solids, from fine powders to heavy ore. Vortex's design philosophy is to develop products that compensate for wear, require minimal spare parts, have in-line maintenance, and provide a longer service life than market alternatives.



## GLOBAL OFFICES

**Vortex USA**  
+1 888.829.7821  
vortex@vortexvalves.com

**Vortex Europe**  
+44 (0) 870.770.9861  
vortex.eu@vortexglobal.com

**Vortex Latin America**  
+1 785.309.2138  
ventas@vortexglobal.com

**Vortex Asia - Pacific**  
+86 (0) 21 5835 0100  
asia.pacific@vortexglobal.com



# SOLIDS & BULK HANDLING COMPONENTS