



# Valves

Handling the world's dry bulk solids®



## VORTEX® MAINTENANCE GATE

The Vortex® Maintenance Gate offers quality features at an economical price. This gate is the best choice when material needs to be positively isolated in a hopper or silo, while maintenance is being performed on equipment below. In the open position, the Vortex® Maintenance Gate positively seals conveying air to atmosphere and designed to support the weight of heavy airlocks or rotary valves. Available in a wide variety of configurations, including round inlet/outlet transitions, the Maintenance Gate is your best insurance policy against equipment failure.

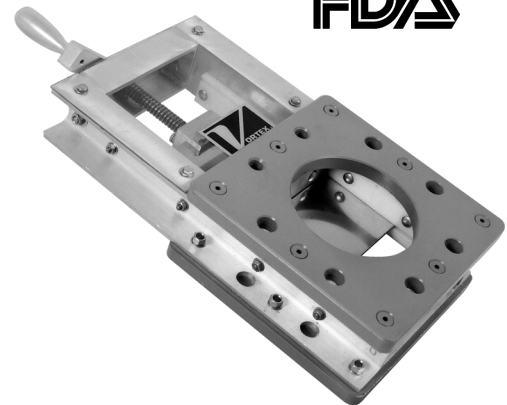
### Vortex® Maintenance Gate Features

- No Material Build-Up
- Low Cost Operation
- Design to Support Heavy Equipment
- Seals Protected from Abrasion
- Easy Installation and Maintenance



### Valve Specifications

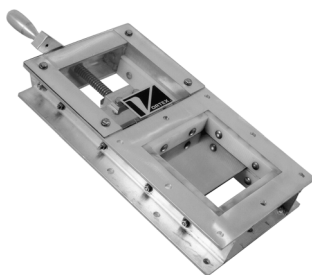
Size/Bore Options	75mm, 100mm, 150mm, 200mm, 250mm, 300mm, 350mm round or square.
Media	Powder, Pellets, Granulars
Connection Options	ANSI, DIN, JIS, Custom Flanges
Media Temperature	Modifications can be made to allow up to 200°C continuous to 230° C intermittent service.
Media Pressure	-0.1 MPa +0.1 MPa, (1 barg), (15 psig)
Metal Construction Options	304 or 316L Stainless Steel, Aluminum, and/or Carbon Steel
Seal/Seat Material Options	Nylon, PET, UHMW, Glass Filled Teflon, Rubber, and/or Silicon
Drive/Actuation Options	Hand Crank
Position Detection	Visual Indication
Compliance/Approvals	CE, ATEX, FDA
Industry Use	Plastics, Petrochemicals, Chemicals, Foods, Minerals, Textiles, Agriculture



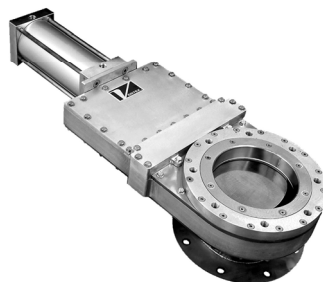
### Application Specific Modifications

SC	Blade and gate liner are made of 304 stainless steel.
S-SC	Blade and gate liner are made of 316L stainless steel.
HT4	Modifications are made allowing 200°C continuous to 230° C intermittent service.
WS	Gate blade is electro-polished. Polyethylene (PET or UHMW) seals are used to replace nylon.

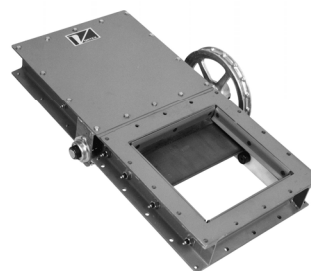
### Additional Slide Gates Offered By Vortex



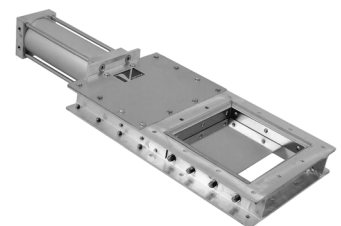
Square Maintenance Gate



HDP® Slide Gate



Abrasive Duty™ Slide Gate



Vortex® Roller Gate

For more information, please visit our website at [www.vortexvalveseurope.com](http://www.vortexvalveseurope.com)