

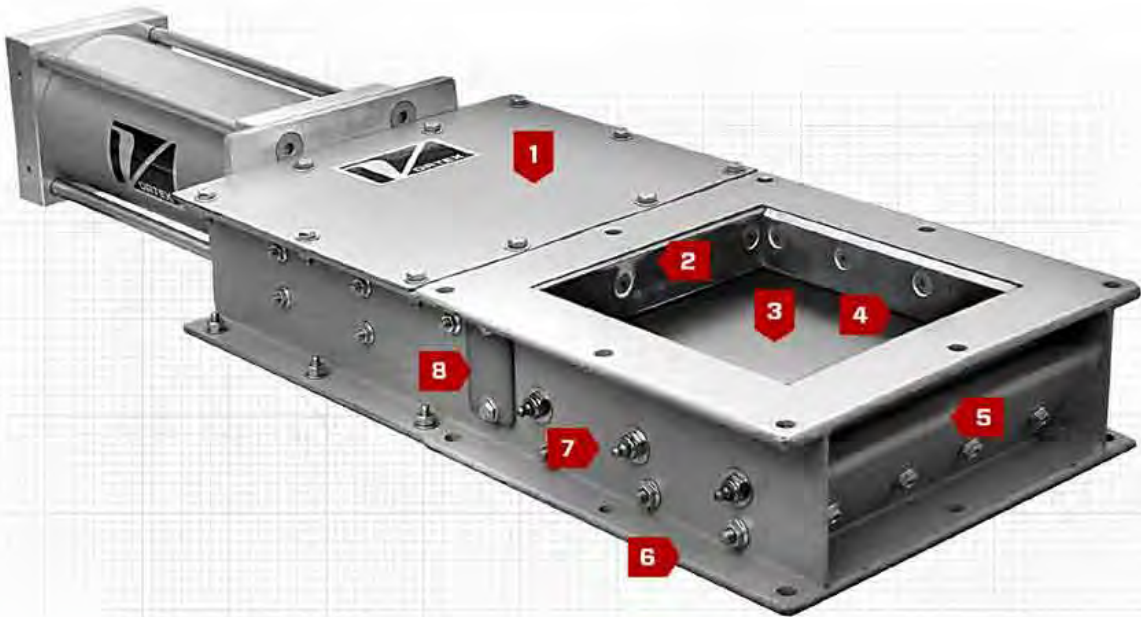
TSG GATE

The Vortex Titan Series TSG Gate is designed to meet the most demanding applications when handling heavy-duty abrasive materials such as sand, gravel, coal, and whole grains. The TSG Gate handles dry material in gravity flow applications where positive material shut-off and dust-tight sealing is required. This slide gate is available in a wide variety of configurations with rectangular sizes and customer specific hole patterns.

- GRAVITY FLOW
- DILUTE PHASE PNEUMATIC CONVEYING (Pressure or Vacuum)
- DENSE PHASE PNEUMATIC CONVEYING

FEATURES

-  Handles aggregates, coal, minerals, fine sand, fly ash and whole grain
-  Replaceable abrasion resistant liners to extend the life of the valve
-  Material displacement pocket minimizes wedging of material as blade closes
-  Wear compensating hard polymer bonnet & blade seals to prevent material leakage
-  Actuators available in pneumatic, electric, hydraulic and manual
-  Dust-tight design
-  Seal access ports for replacement while in-line
-  Hardened steel adjustable rollers
-  Standard sizes: 6" - 36"
Contact us for custom sizes



- 1** Optional bonnet purge
- 2** Replaceable abrasion resistant liners
- 3** Abrasion resistant blade
- 4** Live-loaded polymer side seals
- 5** Displacement end pocket prevents material packing
- 6** Painted carbon steel frame inhibits rusting
- 7** Externally-greased steel support rollers
- 8** Replaceable bonnet seals



72" (1,829mm) TSG Gate for handling PRB coal



48" (1,219mm) TSG Gate for handling bentonite



10" (254mm) TSG Gate handling slag

For a complete list of specifications, modifications, dimensional drawings and measurements, visit WWW.VORTEXVALVES.COM