

FILLPASS DIVERTER









The Vortex Fill Pass Diverter is specifically engineered to handle dry bulk solids in vacuum or dilute phase pneumatic conveying systems with pressures up to 15 psig (1 barg) depending on size. It provides a versatile and reliable solution for filling one or more in-line weigh hoppers when material is conveyed pneumatically through a closed loop system. The design of the Fill Pass Diverter utilizes spread hopper inlet/outlet stacks for improved air and material separation reducing fill time and down line material carryover.

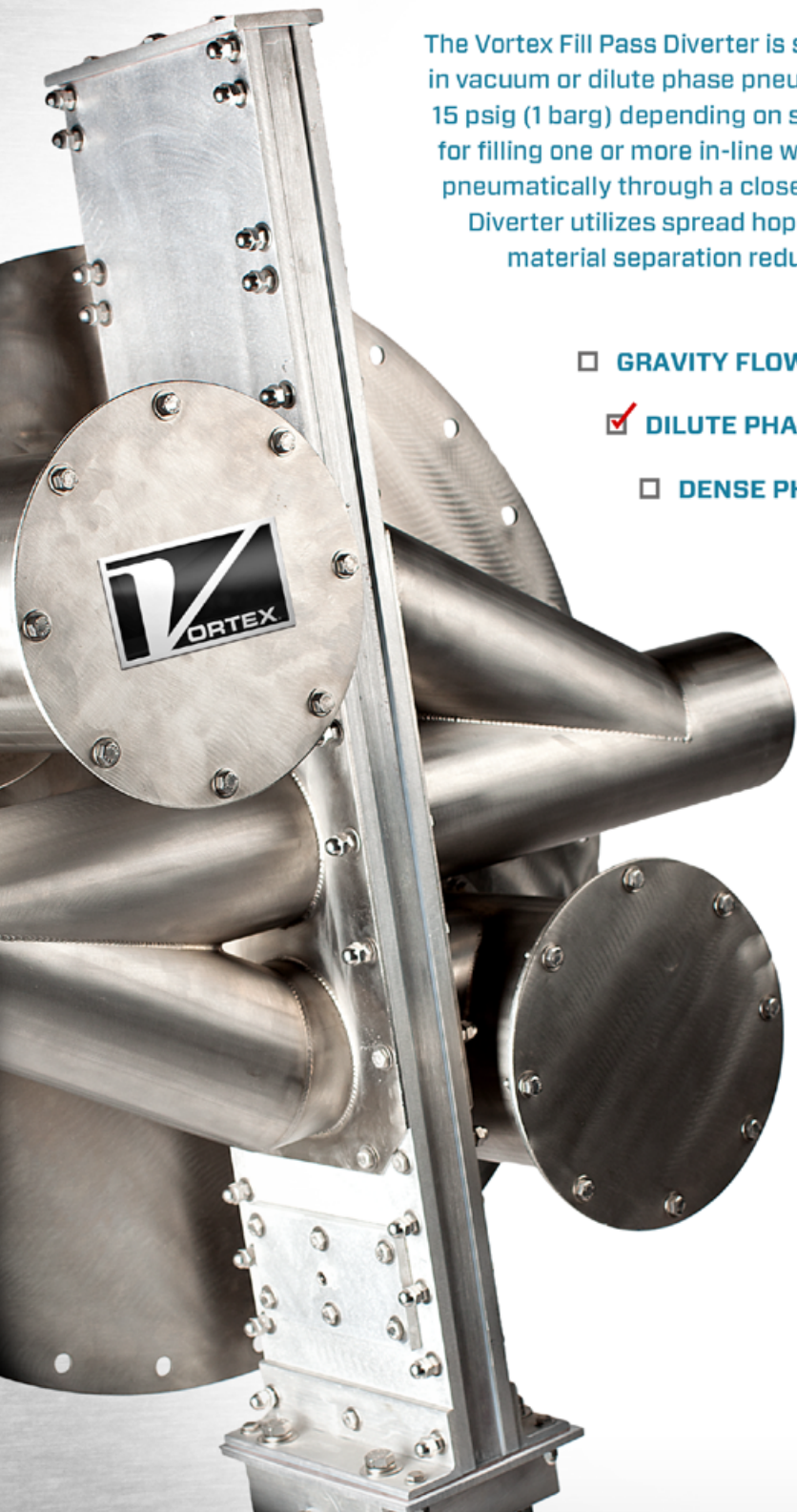
GRAVITY FLOW

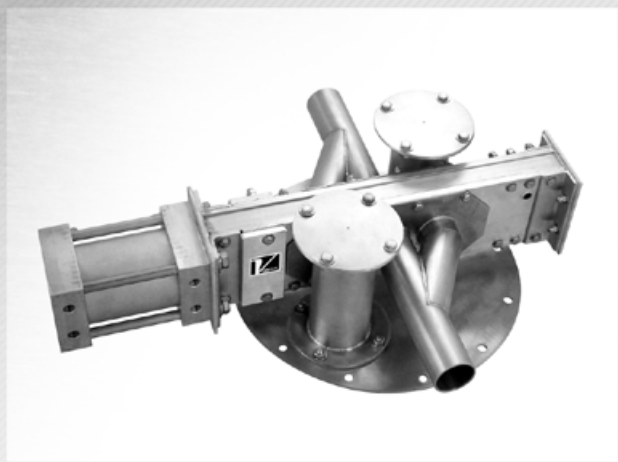
DILUTE PHASE PNEUMATIC CONVEYING (Pressure or Vacuum)

DENSE PHASE PNEUMATIC CONVEYING

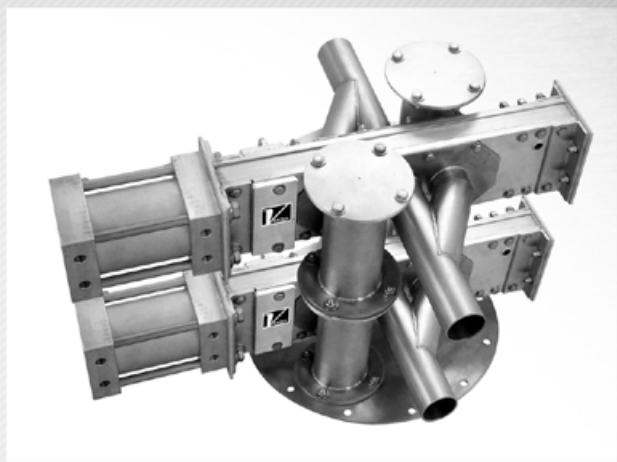
FEATURES

-  Separates air and material before filling the hopper
-  Shifts "on the fly"
-  Weigh from up to 5 sources and/or materials
-  Positive seal through closed ports
-  Unobstructed opening
-  Serviceable while in-line
-  Material construction options available
-  Standard sizes: 2" - 6"
Contact us for custom sizes





SINGLE

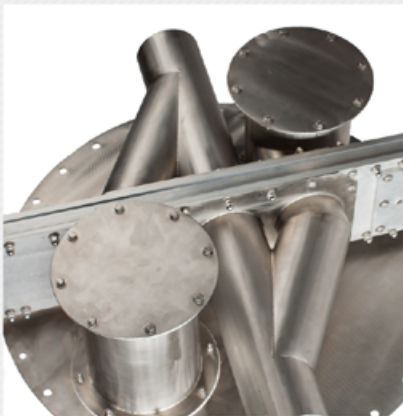


STACKED

OPTIONS



Shim removal for seal adjustment while valve is in-line



The valve's spread stack offers better material/air separation



The material deflector directs material flow to minimize material carryover

DETAILS



5" (127mm) Fill Pass Diverter above a scale hopper handling calcium carbonate



6" (152mm) Fill Pass Diverter above a scale hopper handling baking mixtures

APPLICATIONS

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