



## VORTEX DUAL CYLINDER GRAVITY VEE DIVERTER HANDLING FLOUR

- Customer: Company policy dictates name cannot be used
- Material: Flour
- Application: Feed separate destinations simultaneously
- Challenge: Retrofit large valve into existing facility
- Valve: Vortex Gravity Vee Diverter  
Model VD24-2SSS-60-NR-SB-X

### Results:

In December of 2001, Vortex received a call from a flour miller regarding a need they had for a Vortex Gravity Vee Diverter.

The company had used Gravity Vees in the past and liked the many features of this diverter valve. A particular need for them was the many options the independent actuators on each slide gate offered. They could feed both destinations simultaneously, independently, or they could volume meter out of either or both sides.

A problem with this particular application was that the valve would be retrofitted into an older facility. There would not be enough head room to accommodate the overall height needed for a standard Gravity Vee Diverter of this size (24" opening).

Vortex engineers suggested using the new Dual Cylinder design in a Gravity Vee configuration. This would make the overall height of the diverter about one third as tall. A VD24-2SSS-60-NR-SB-X diverter was quoted and ordered.

The diverter fit perfectly. This customer has come to rely on Vortex for custom sized valves to fit the special needs of their existing, older facility.



6'0" tall engineer stands beside Vortex Dual Cylinder Gravity Vee Diverter.

