VECTOR performance proven VACUUM SOLUTIONS™

Vac Attack!

Vector VSG™ Patented Slide Gate

The VSG slide gate is a patented baghouse discharge valve. The VSG valve features an enclosed slide plate and slide plate housing that ensures that all hopper evacuations are both efficient also safely controlled. Collected material is isolated as it drops from the cyclone collector into the collection bag or drum. The operator is at all times in full command of the collected material as has the ability to stop product flow with ease.

The valve is equipped with a patented caming mechanism that drops the slide plate away from the seal slightly to allow easy opening and closing of the valve. When the valve is closed the caming lever is pulled and the slide plate is raised tightly to the seal to provide a water tight and air tight seal.

Unlike standard slide gates, the edges of the valve plate are not exposed. This offers several distinct advantages.

- **Valve leakage is eliminated. With standard valves, any gaps at the gate no matter how minor have then to become large holes under high vacuum. Holes lead to valve failure rather quickly.**
- **As dumped material drops onto a slide gate with exposed edges, the material tends to lodge itself in the gaps. The lodged material binds the valve mechanism which hampers the dumping process and cause valve damage over time.**

When incorporated in VecLoader HepaVac®, wash-down nozzles and a patented bag free air-evacuation system are incorporated within the valve to insure there is no emissions to atmosphere when bagging asbestos and similar hazardous materials including chemical or biological agents and radiological contaminated materials.

U.S. Patent number #5,095,959, "Slide Gate Valve System for Asbestos Collection Apparatus.

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DELIVERING MORE EFFICIENCY, FLEXIBILITY AND POWER

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