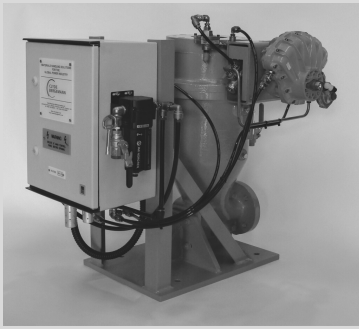




Pneumatic Conveying



Ash Vessel Compact

Pneumatic Bulk Solids Handling

Document No. CPC-INF-2130

The Clyde Ash Vessel Compact has been designed specifically to handle small quantities of coarse material across a wide range of applications.

Originally developed to handle boiler grit from multiple collection points on industrial shell boiler grit arrestors where the collection rate of grit is very small.

Best suited to conveying coarse or fine gritty materials up to around 150m

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ISO9001 | ISO14001

British Engineering

Key Features

Compact Design & Volume

Smallest of all Clyde pneumatic conveying machines allowing installation into most retrofit applications

For use in Multi-outlet Hopper Applications

Typically installation on 2 - 4 process hopper outlets, normally grit type arrestors or multi-cyclones before ESPs

Simple in Construction

Single piece construction with single inlet Dome Valve, supplied completely assembled to minimise site installation

Materials Conveyed

range of fine to coarse grit 0.1 - 5mm

Conveying Rate

0.5 tph maximum for system

Conveying Distance

150m maximum

Benefits

Zero Leakage

Totally efficient and effective valve sealing

Extremely Reliable

Incorporating only tried and tested key components resulting in highly reliable operation in a wide range of applications

High Availability

over 1,000,000 cycles between major overhauls and 250,000 cycles for seal replacement

Hoppers Run Empty

Process hopper are maintained in a nearly empty condition to avoid bridging and blocking



Custom Features

Dome Coatings

Electro-nickle plating coating for abrasive materials

Temperature Rating

Water-cooling to achieve operating temperatures beyond 200 deg C up to 450 deg

Hopper or Floor Mounting

Can be either hung from the process hopper or mounted from the floor or structure below