



Pneumatic Conveying



D-Pump Compact

Pneumatic Bulk Solids Handling
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The Clyde D-Pump Compact technology is its most advanced Smart pumping technology. By incorporating automatic modulation of the outlet Dome Valve we are able to transport an extremely wide range of solid materials.

The D-Pump Compact is very well suited for low capacity applications over short to medium distances, whilst in parallel will perform excellently with applications where solid materials are variable.

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ISO9001 | ISO14001



British Engineering

Key Features

Bespoke compact unit for smaller applications

The D-Pump Compact is designed to suit applications that require low headroom with conveying rates ranging from 0.1 - 2.0 tph and distances <200m

Anti-Blocking System (ABS)

The outlet Dome Valve is fitted with a state-of-the-art digital valve positioner to enable a controlled discharge into the conveying pipeline

Simplified Operation

Engineered with only the essential components to guarantee high performance conveying whilst needing low OPEX

Low or High Pressure Versions

Suitable for connecting to a low pressure dedicated blower or higher pressure centralised compressed air network

Benefits

Zero Leakage

Totally efficient and effective valve sealing of pressures up to 7.0 barg

Extremely Reliable

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

High Availability

over 3,000,000 cycles between major overhauls and 1,000,000 cycles for seal replacement

Unique Actuation

The Dome Valve can cut through moving or static columns of bulk material



Custom Features

Dome Coatings

Electro-nickle plating or Polymer coating for cohesive and abrasive materials

Temperature Rating

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

Pressure Rating

7 barg maximum pressure on the standard Dome Valve having 10 barg design. Up to 30 barg manufactured to order