



Densephase MD-Pump (C)

Pneumatic Bulk Solids Handling
Document No. CPC-INF-2100

The Clyde MD-Pump fly ash conveying system developed mainly for large capacity ESP or Fabric Filter collection systems with multiple collection hoppers.

MD-Pump (Conical) are generally fitted to the first rows of an ESP where ash accumulation is the highest. Equally, suited to the largest of Fabric Filters where ash distribution is equal.

Ultra-efficient conveying through carefully controlled loading of the conveying pipelines

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ISO9001 | ISO14001



British Engineering

Key Features

Wide Range of Sizes Available

These machines range from 0.56 2.83 cu.m giving it a respectable conveying capacity ranging from 10 - 250 tph at distances up to 1200m

Fluidising Discharge Aids

interconnecting autoflow pipeline together with vessel cone fluidising and ABS ensures efficient loading of the conveying pipeline

Multi-outlet Configuration

Can be configured with multiple machines onto a single dedicated conveying pipeline from either 2 up to 8 on a common pipeline

Heavy Duty Pneumatic Valves

Fitted with the original Dome Valve throughout, the MD-Pump is highly reliable even in the most difficult of applications

Benefits

Zero Leakage

Totally efficient and effective valve sealing of pressures up to 30 barg

Extremely Reliable

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

Extremely Efficient

High phase densities make this one of the most energy efficient conveying machines on the market

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

Instrumentation

Instruments can be upgraded to meet various standard including ATEX

Pneumatic Piping

Standard nylon piping can be upgrading to suit plant specification (stainless, copper, UPVC coated copper etc)