



**CLYDE**

**Pneumatic Conveying**



# Densephase MD-Pump (T)

Pneumatic Bulk Solids Handling  
Document No. CPC-INF-2200

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 (Tube) are generally fitted to the last rows of an ESP where ash accumulation is the lowest. Equally, suited to small and medium sized 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 0.11 - 0.67 cu.m giving it a conveying capacity ranging from 1.0 - 25.0 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)