

MULTIPLE FEEDER TYPE PM



 transitube®

MULTIPLE FEEDING UNIT

Feeders of the PM Series are used to supply a line of machine hoppers, when all machines use the same material and the hoppers are in a row. These conditions are mostly found in extrusion plants where different profiles are made from the same material (e.g. window profiles, tubes). The same technique can also be used as a collecting feeder with multiple inlets to combine several silos

Function

The spiral transports the material to the first outlet and fills the machine hopper. When the hopper is full, the material is transported further on and the next hopper will be filled. This continues until all hoppers are full and the feeder stops. As soon as a level indicator gives a signal that material is required in one hopper, the feeder starts time-delayed and refills all hoppers.

Security outlet

The security outlet prevents blockage of the feeding system in any case of overflowing. The material which remains in the feeding tube, when closing one of the machine valves, can discharge here. It also safeguards the installation in case of a defective level indicator. A level indicator shuts off the installation in case of overflow and activates a light or sound signal.

Outage of a machine

If one machine drops out of the process for some reason or is excluded from the process by closing the shut-off valve, the electrical interlock is automatically set by the level indicators.

Technical data

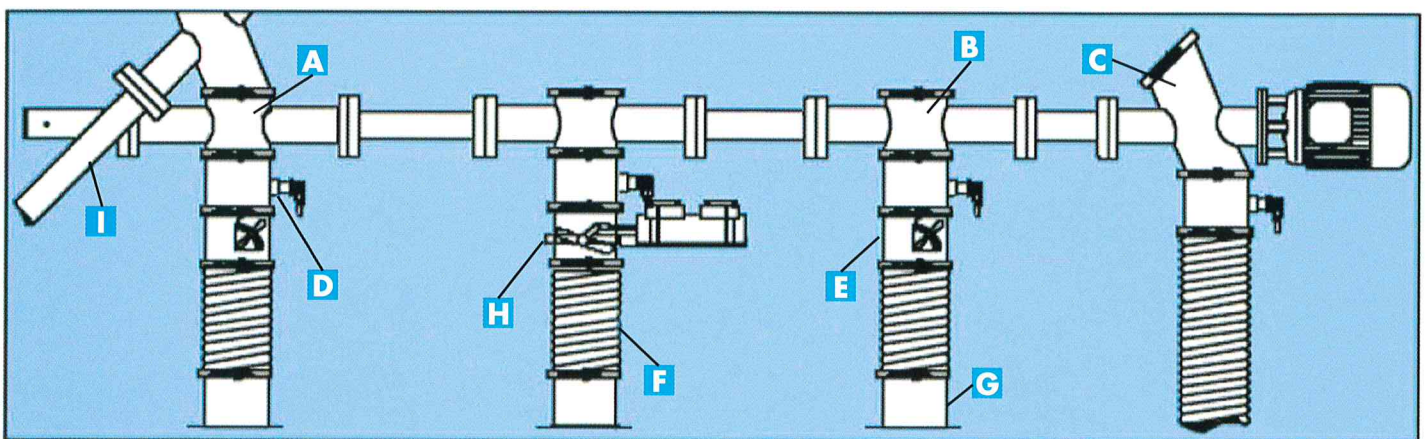
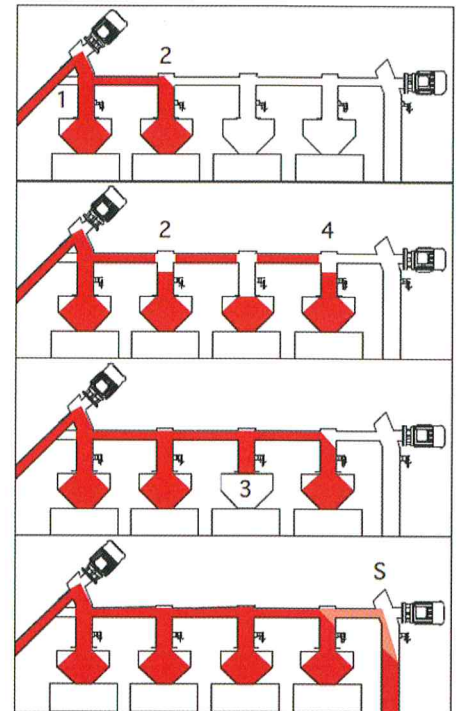
(Standard layout)

output per hour	type
up to 200 kgs	39 PM
up to 450 kgs	53 PM
up to 1.500 kgs	70 PM

Motor capacity depending on feeder output and length between 1,1 and 2,2 kW
Max. feeder length: 25 m
(longer feeders and higher capacity on request)

Advantages

- the vertical conveying is done by a transitube-feeder type PS or PC
- automatic supply of a line of machines
- transports powder as well as granules, regrind or mixtures
- dust-free due to mechanical conveying without air
- no humidity added
- maintenance-free
- space saving



Accessories

- A – inlet flange
- B – intermedial outlet
- C – security outlet
- D – level indicator
- E – manual shut-off valve

- F – flex. drop tube
- G – connecting piece
- H – electro/pneumatic shut-off valve (optional)
- I – vertical feeder



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