

COL series

RIPPLE FEEDER

Prevents material destruction by ultra-slow plug conveying

- Even fragile soft granules and tablets are transported highly slowly due to the compressed air controlled by a particular mechanism, so there is almost no breakage or wear.
- There is no agitation by airflow, and the mixture does not separate.
- Since it is connected to the transportation destination with a flexible hose, the degree of freedom in the layout is high.
- Sanitary specifications make it easy to disassemble and clean. (GMP compatible)



granules

Since it is connected to the convey destination with a flexible hose, the degree of freedom in the layout is high.



granules



tablets



tablets



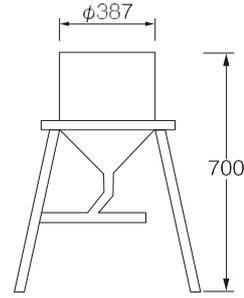
RIPPLE FEEDER

Specification

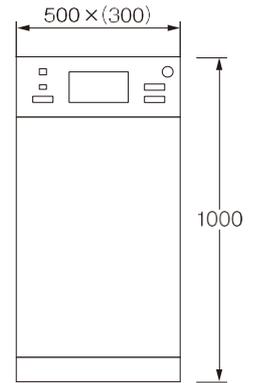
Items	Model	COL-13	COL-32
Input hopper	Capacity	6Lr	45Lr
	Material	SUS304 Mirror finish on the grain contact part	
	Accessory	With level meter	
Conveying hose	ID(mm)	φ25	φ32
	Material	PVC for food products	
Cyclone		SUS304 Mirror finish on the grain contact part	
Control Panel		Self-supporting one side	
Utility	Power supply	200V 50/60Hz Self-supporting one side	
	Electric capacity	0.6kW (1.0kVA)	
	compressed air	0.4~0.6MPa	0.1~0.3Nm ³ /min
Conveying capacity		Granular 40/h Bulk density 0.7 (Distance 20m)	Tablet : max500,000 tablets (Distance 20m) (400mg/ Tablets)

Dimension

Feeder tank



Control panel



Specification

Lifting and reversing lifter (Option)

It is possible to connect the tank using an up / down reversal lifter etc., and make it closed.

Depending on the lifting height, it is supported by a support.

It is also possible to manually feed the material directly into the tank.

All elevating / reversing operations can be controlled with a single lever. All stainless steel

Since PVC hoses are used for piping, there is a high degree of freedom in layout.

There is also an operation panel integrated type.

DISPENSING APPARATUS
Capsule filling device
PTP packaging device
etc.

It contributes to stabilizing the packaging amount by making the supply to the packaging equipment uniform.

Equipment is possible if the distance between the ceilings is 200 mm.

It is easy to comply with ceiling height restrictions.

Powder level control is possible with just one plug

*These specifications are subject to change without notice
*Please read the instruction manual carefully before use.



Total Systems Engineer

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