

FORMAX®

HERE BEGINS YOUR ULTIMATE VALUE

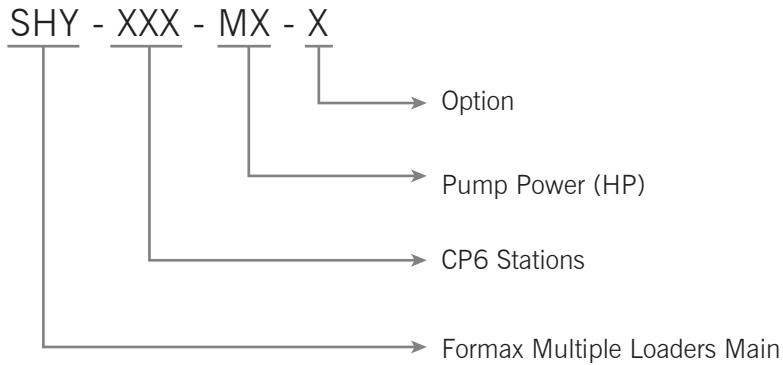
SHY Series
Main Unit + Central
Hopper Loaders

CP3/CP6/CP12



Please read the brochure carefully before operation.

■ Coding Principle

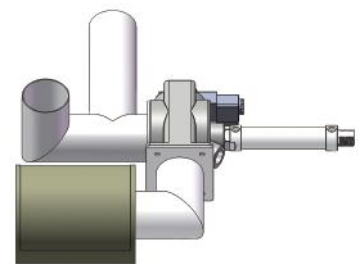


■ Features

- One to Six material conveying can save a lot of cost.
- Dust collective chamber features a cyclone collector and a dust collection bin to reduce the load of the filter effectively.
- Separate dust collector is easy to clean.
- Main unit is equipped with faults and pump overload light to alarm quickly.
- Main unit equips the vacuum breaking valve to protect the pump.
- Alarm light is as standard
- CV series central hopper loaders can be mounted on IMM/Extruder directly.
- CE safety plug ensures safe and reliable operation

■ Options

The airflow with dust is rotating in high speed in the cyclone dust collector, under the function of centrifugal force, the dust is gathered upon the inner wall of the cyclone dust collector, and then upon the function of gravity, the dust finally falls down and comes out through the discharging hole. Rotated airflow is shrinkage to centre of hopper and then becoming secondary vortex flows out. It's effective to filter dust from hopper dryer and avoid of air pollution. The effect is up to 80% °



Vacuum Breaking Valve

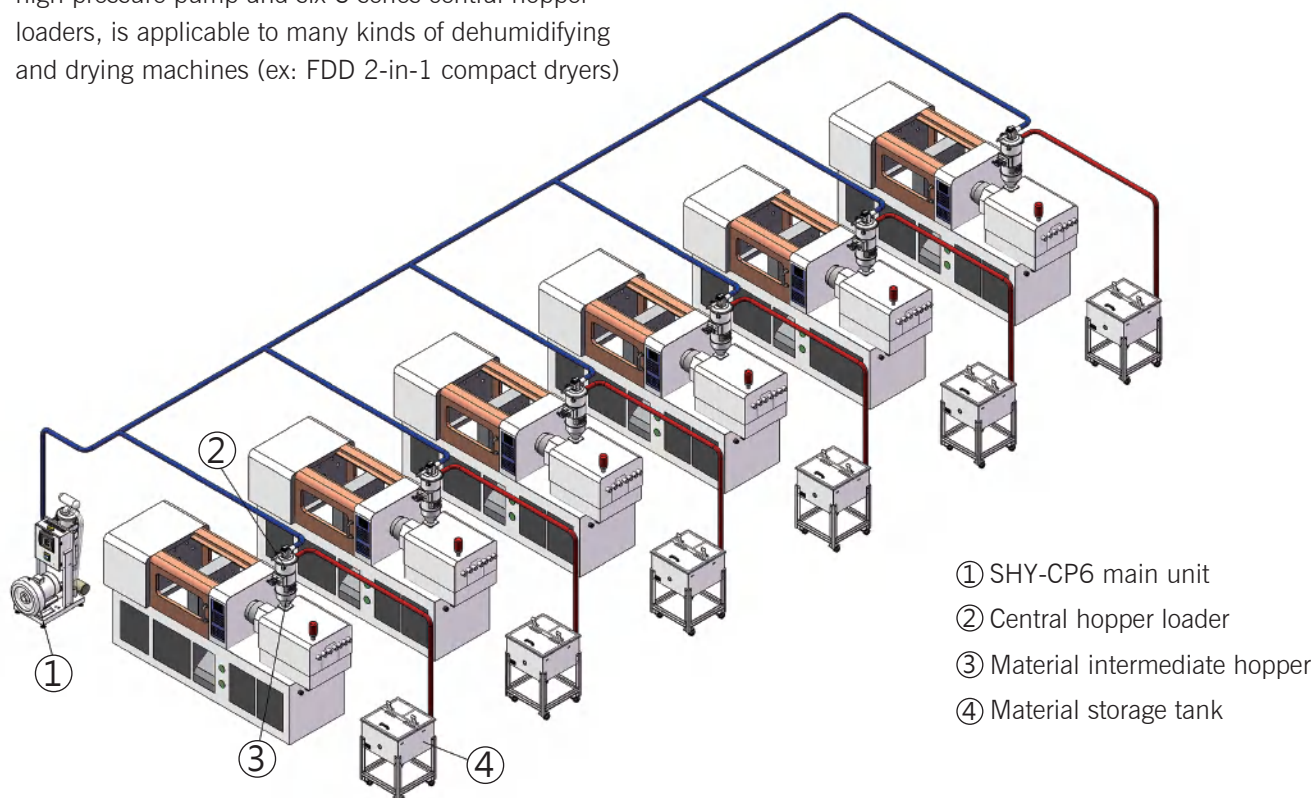


Cyclone Dust Collector

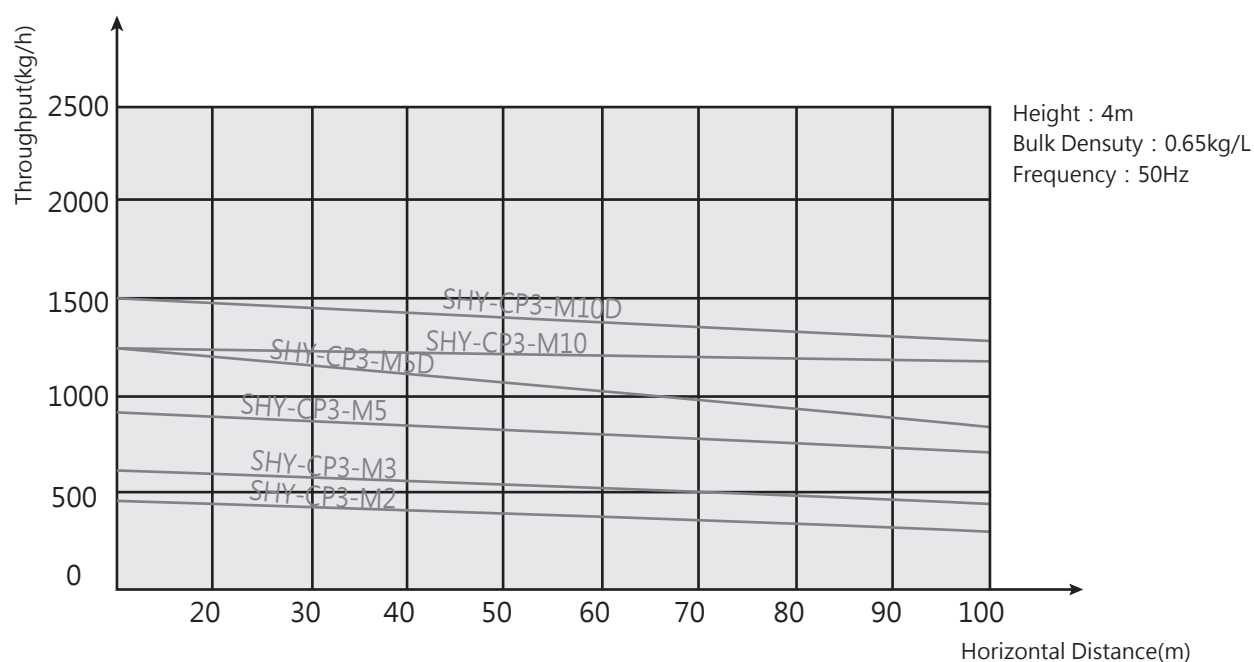
■ Application

“One to Six” central hopper loaders are designed and developed on the basis of three-phase single hopper loaders. They feature more functions, easy to operation, and convenient to install. This model, equipped with a high pressure pump and six C series central hopper loaders, is applicable to many kinds of dehumidifying and drying machines (ex: FDD 2-in-1 compact dryers)

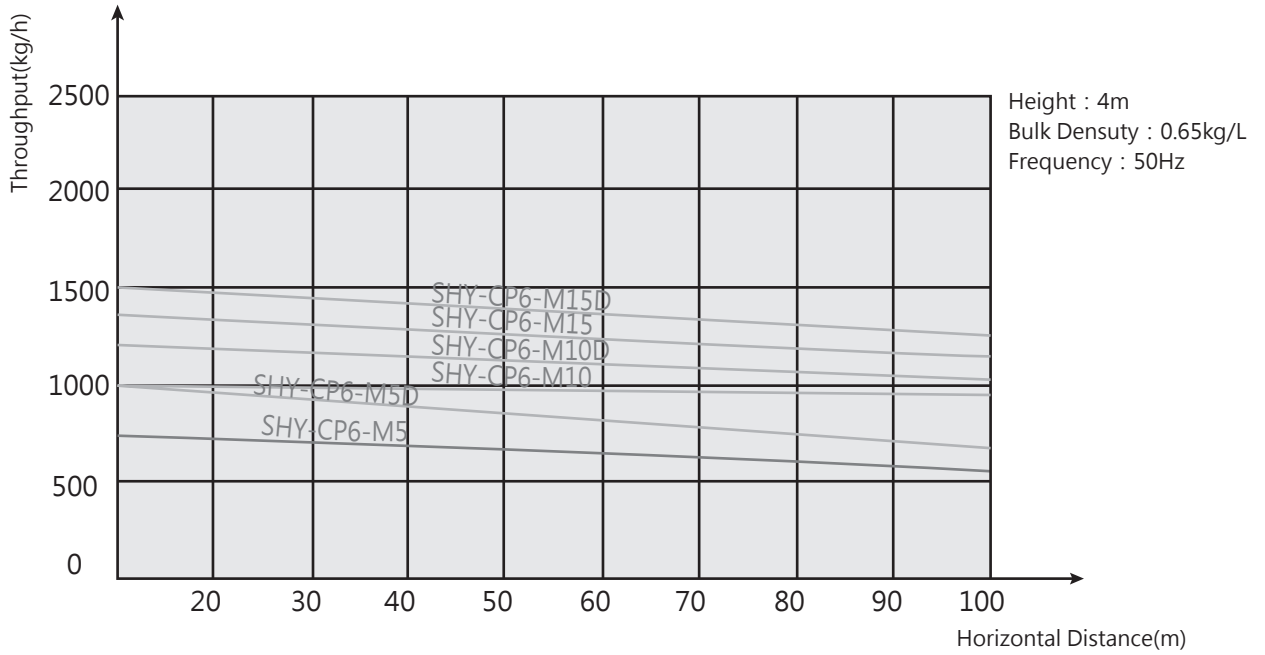
or one gravimetric blender (FGB) to process plastic materials. Besides that, it can also realize the “One to Six” way of conveying materials to different molding machines or hoppers for saving a lot of cost °



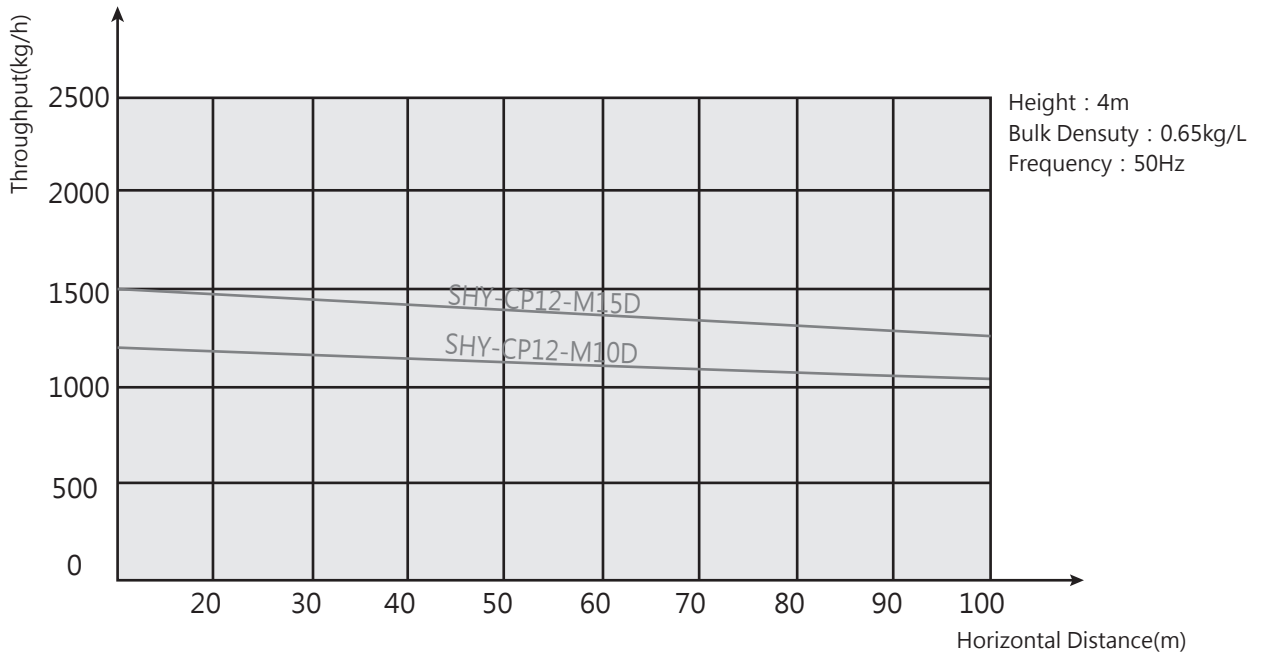
■ Conveying Capacity (SHY-CP3)



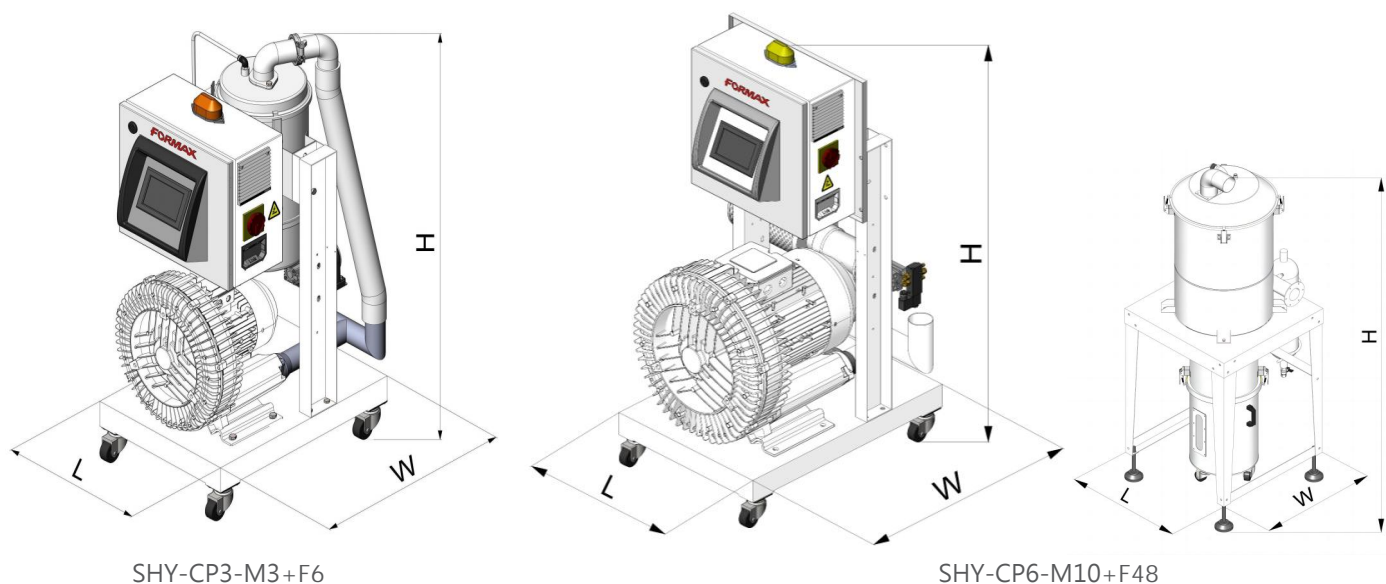
■ Conveying Capacity(SHY-CP6)



■ Conveying Capacity(SHY-CP12)



SHY-CP3/CP6 Outline Drawings



Specifications

Model	SHY-CP3	M3	M5	M5D	M10	M10D	M15D
Pump Power	kW	2.2	4	4	7.5	4	7.5
Material Pipe	inch	1.5" / 2" / 2.5" / 3"				2" / 2.5" / 3"	
Vacuum Pipe	inch	1.5" / 2" / 2.5" / 3"				2" / 2.5" / 3"	
Type		Single Stage		Double Stage	Single Stage	Double Stage	
Throughput	kg/hr	500	750	1000	1000	1200	1500
Hopper Capacity	Ltr	6/12/24	12/24/36		24/36/48		
Sensor		C type using Reed Switch / CV type using Photosensor					
Voltage		3Ø,380VAC · 50Hz					
Accessory	Safety Filter	F6		F12	F24		F48
	Cyclone Dust Collector	CDS-2 as options		N/A	N/A		N/A
	Vacuum Breaking Valve	N/A		Standard	Standard		Standard
Dimension							
L	mm	485		685		680	
W		580		745		950	
H		1000		1400		1600	
Net Weight	KG	40	56	56	85	102	126

Specifications are subject to change without prior notice.

■ Specifications

Model	SHY-CP6	M5	M5D	M10	M10D	M15D
Pump Power	kW	4	7.5	11	7.5	11
Material Pipe	inch	2" / 2.5" / 3"				
Vacuum Pipe	inch	2" / 2.5" / 3"				
Type		Single Stage			Double Stage	
Throughput	kg/hr	750	1000	1000	1200	1500
Hopper Capacity	Ltr	12/24/36			24/36/48	
Sensor		C type using Reed Switch / CV type using Photosensor				
Voltage		3Ø,380VAC · 50Hz				
Accessory	Safety Filter	F12			F48	
	Cyclone Dust Collector	N/A			N/A	
	Vacuum Breaking Valve	Standard			Standard	
Dimension						
L	mm	485		480		680
W		580		820		950
H		1000		1400		1600
Net Weight	KG	56	56	85	102	126

Model	SHY-CP12	M5	M5D	M10	M10D	M15D
Pump Power	kW	4	7.5	11	7.5	11
Material Pipe	inch	2" / 2.5" / 3"				
Vacuum Pipe	inch	2" / 2.5" / 3"				
Type		Single Stage			Double Stage	
Throughput	kg/hr	750	1000	1000	1200	1500
Hopper Capacity	Ltr	12/24/36			24/36/48	
Sensor		C type using Reed Switch / CV type using Photosensor				
Voltage		3Ø,380VAC · 50Hz				
Accessory	Safety Filter	F24			F48	
	Cyclone Dust Collector	N/A			N/A	
	Vacuum Breaking Valve	Standard			Standard	
Dimension						
L	mm	485		480		680
W		580		820		950
H		1000		1400		1600
Net Weight	KG	56	56	85	102	126

Note: 1) Test condition of throughput: plastic material of bulk density 0.65kg/L, dia. 3-5mm, vertical conveying height 4m, horizontal conveying distance 5m.

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