

Central Vacuum Hopper Loader

SCAL-10HP-UG1212-D

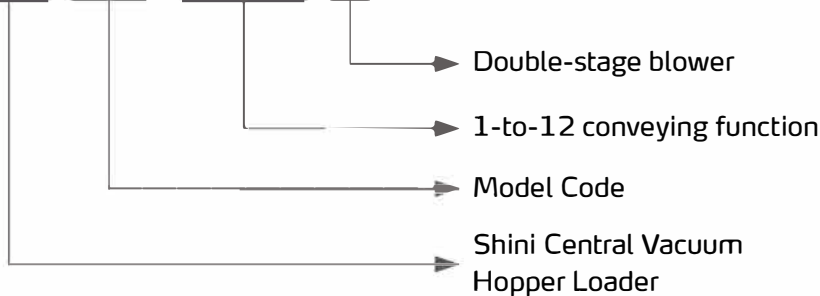


Refer carefully to this manual before operation.

SCAL Series

■ Coding Principle

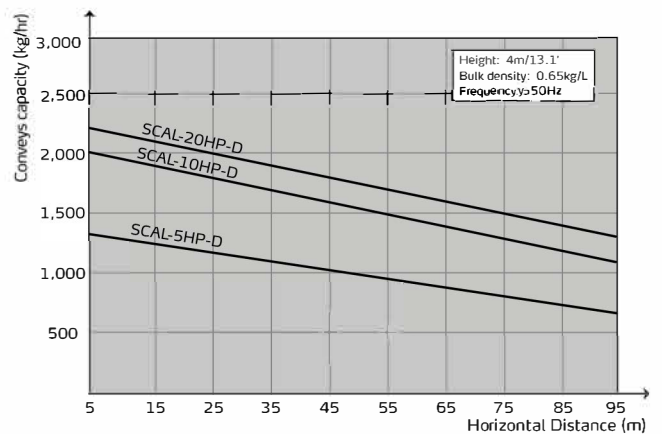
SCAL - xxHP - UG1212 - (D)



■ Features

- Adopt cyclone filter design that effectively reduces the filter load.
- 7" touch screen+PLC control for direct status display and easy operation.
- Independent shut-off output function can control max. 12 SBU shut-off valves directly.
- The host unit has auto purge device that enables continuous cleaning.
- Collocated with Euro stainless steel central hopper ensures no material contamination.
- With vacuum breaking separator, it can prolong the blower's life span.
- RS485 interface and audible alarm device.

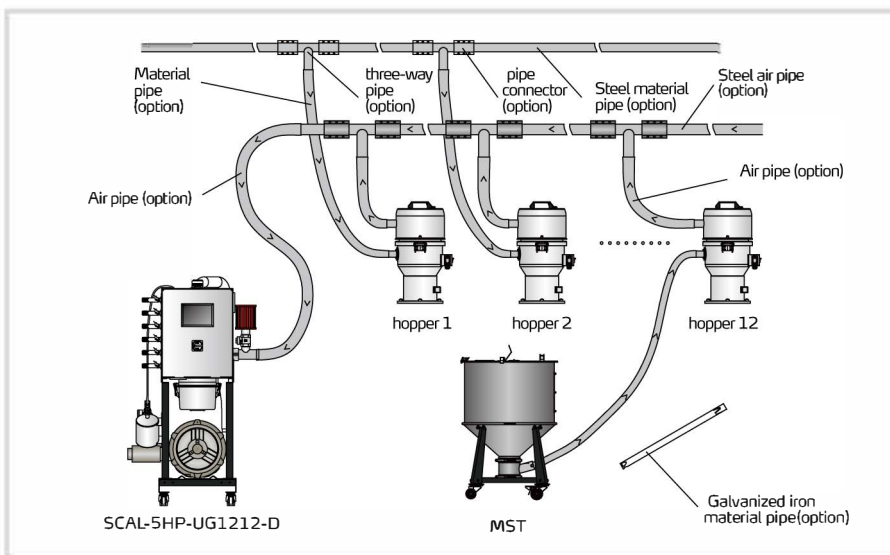
■ Conveying Capacity (SCAL)



■ Application

Collocated with eight (twelve) European vacuum hopper receivers, it is mainly used for multiple dehumidifying dryers to convey different plastic materials, which also can achieve material conveying to different injection moulding machines or storage hoppers, and be used as small central material conveying system.

■ Working Principle



Options

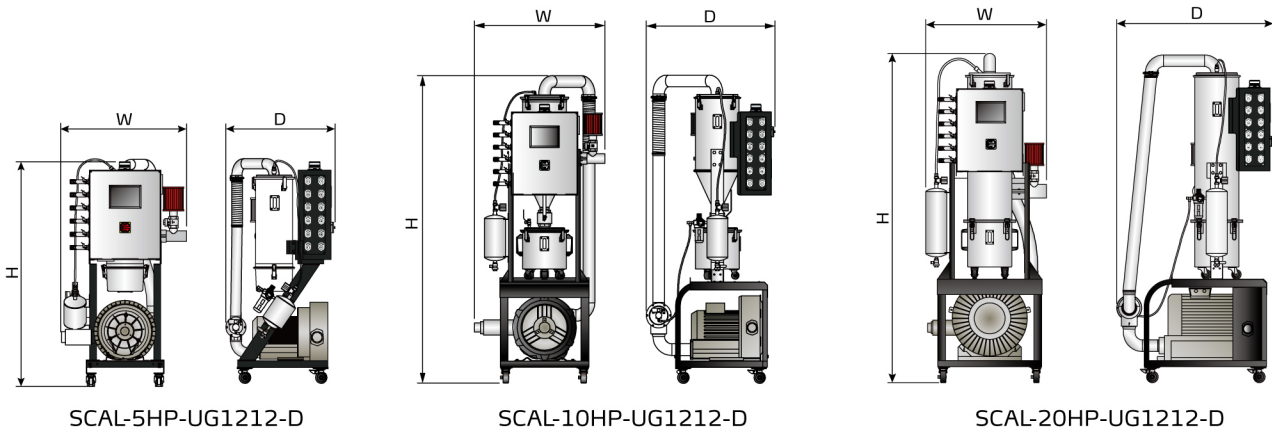
Model	SCAL -	Steel-wired air pipe	Steel-wired material pipe	Steel air pipe	Steel material pipe	T-type stainless steel three way	Pipe connector	Galvanized iron material pipe
5HP-UG1212-D		2" (Φ50.8)	1.5" (Φ38.1)	2" (Φ50.8)	1.5" (Φ38.1)	1.5" (BH80035000020)	1.5" (Φ38.1)	1.5" (Φ38.1)
						2" (BH80035100020)	2" (Φ50.8)	
10HP-UG1212-D		2.5" (Φ63.5)	2" (Φ50.8)	2.5" (Φ63.5)	2" (Φ50.8)	2" (BH80035100020)	2" (Φ50.8)	2" (Φ50.8)
						2.5" (BH80035200020)	2.5" (Φ63.5)	
20HP-UG1212-D		3" (Φ76.2)	2.5" (Φ63.5)	3" (Φ76.2)	2.5" (Φ63.5)	2.5" (BH80035200020)	2.5" (Φ63.5)	2.5" (Φ63.5)
						3" (BH80035300020)	3" (Φ76.2)	

Notes: 1) The machine is purchased separately without the options.

2) The three-way pipe, pipe connector, stainless steel pipe, galvanized iron material pipe and hopper wire are options, which should be purchased according to actual applications on site.

We reserve the right to change specifications without prior notice.

Outline Drawing



Specifications

Model	SCAL-	Motor Power (kW)	Dimension (mm) H × W × D	Applied to	Conveying Pipe Dia. (inch)	Vacuum Pipe Dia. (inch)	Conveying Capacity (kg/hr)	Weight (kg)
5HP-UG1212-D		3	1390 × 800 × 670	12 x SHR-3U-S	1.5	2	1350	100
				12 x SHR-6U-S				
				12 x SHR-12U-S				
10HP-UG1212-D		7.5	2020 × 860 × 845	12 x SHR-24U-S	2	2.5	2000	230
				12 x SHR-36U-S				
20HP-UG1212-D		11	2155 × 795 × 1035	12 x SHR-48U-S	2.5	3	2200	260
				12 x SHR-96U-S				

Notes: 1) Test condition of conveying capacity: Plastic material of bulk density 0.65kg/L, dia. 3~5mm, vertical conveying height: 4m horizontal conveying distance: 5m.

2) Power supply: 3Φ, 230/400/460/575V, 50/60Hz.



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