



Separate-vacuum Hopper Loader

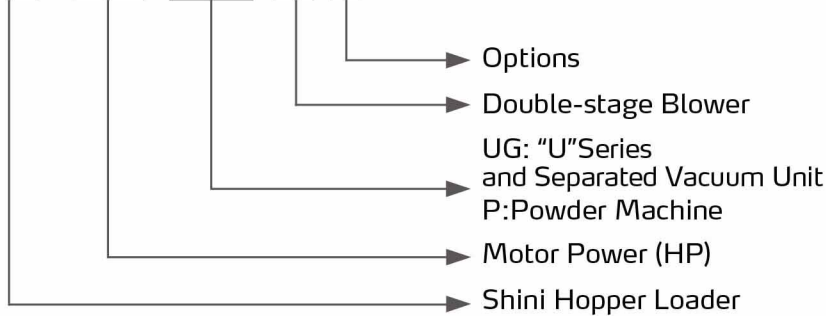
SAL-5HP-UG & SHR-24U



Refer carefully to the manual before operation.

■ Coding Principle

SAL - xxHP-UG(P)-(D)-xx



SAL-5HP-UG&SHR-24U-E

■ Features

- Two-stage cyclone and filter technology with large dust bin for quick and easy maintenance.
- Controller build-in proportional valve SPV-U control function.
- Standard vacuum breaking valve for quick material discharge.
- Stainless steel hopper receiver.



Vacuum breaking valve

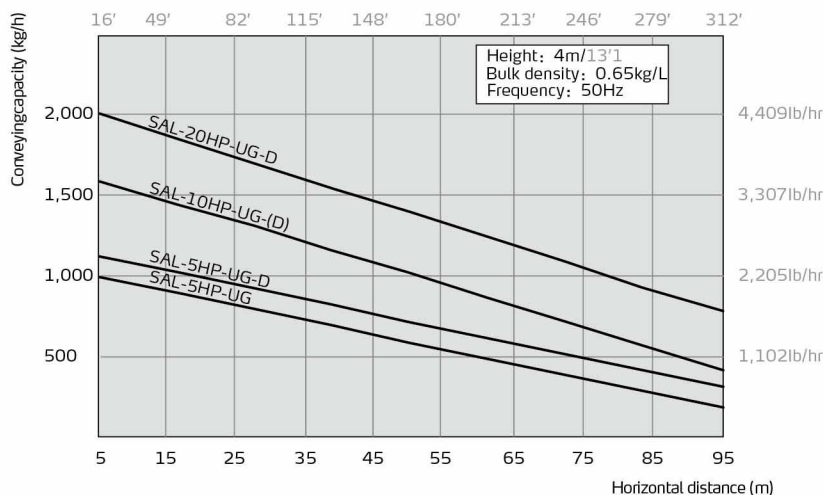
■ Options

Air accumulator auto purging device

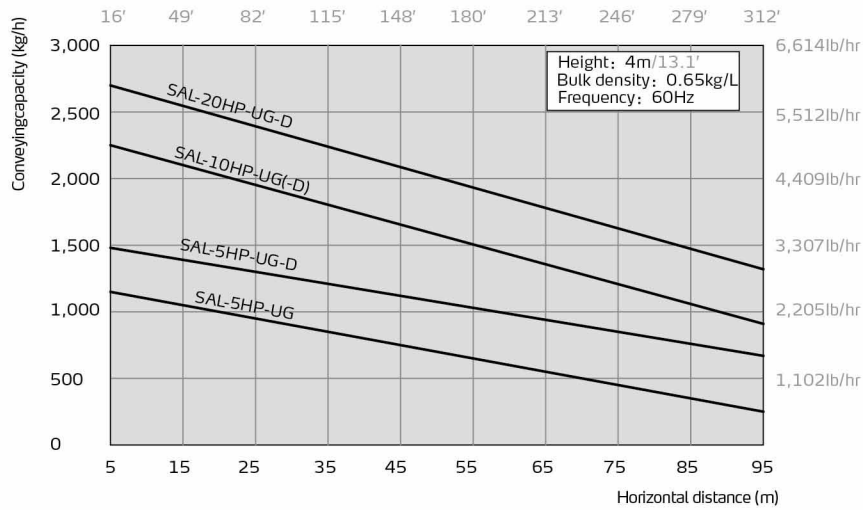


In cases of conveying highly dusty material, the main vacuum unit can be equipped with air accumulator for auto purging function to reduce the maintenance cycle. Add "A" at the end of the model code (suitable for 5HP and above).

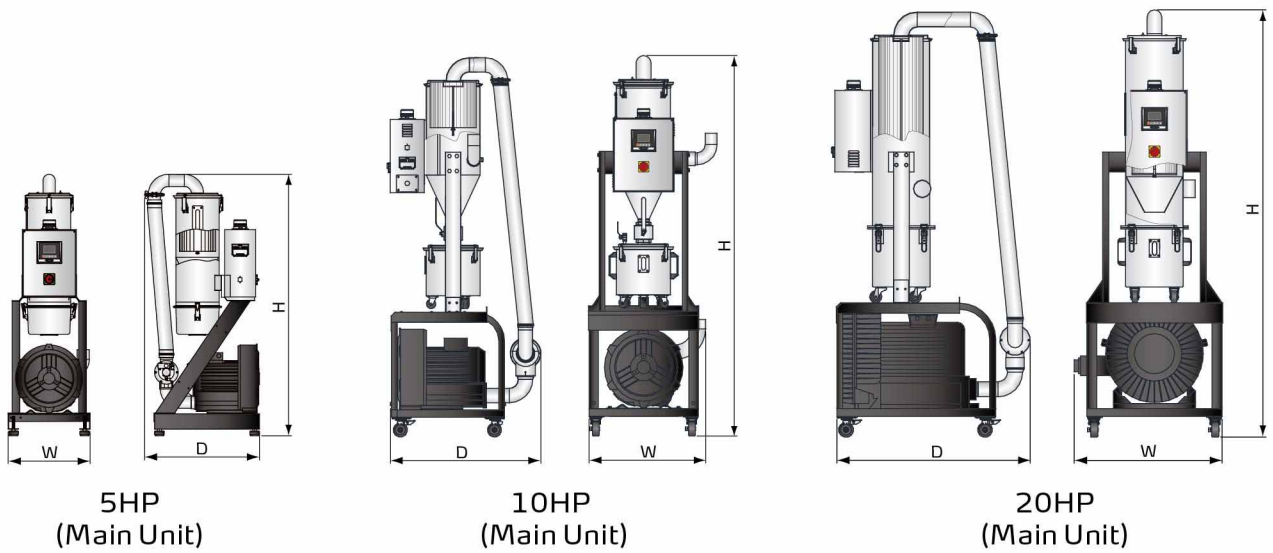
■ SAL-UG Conveying Capacity



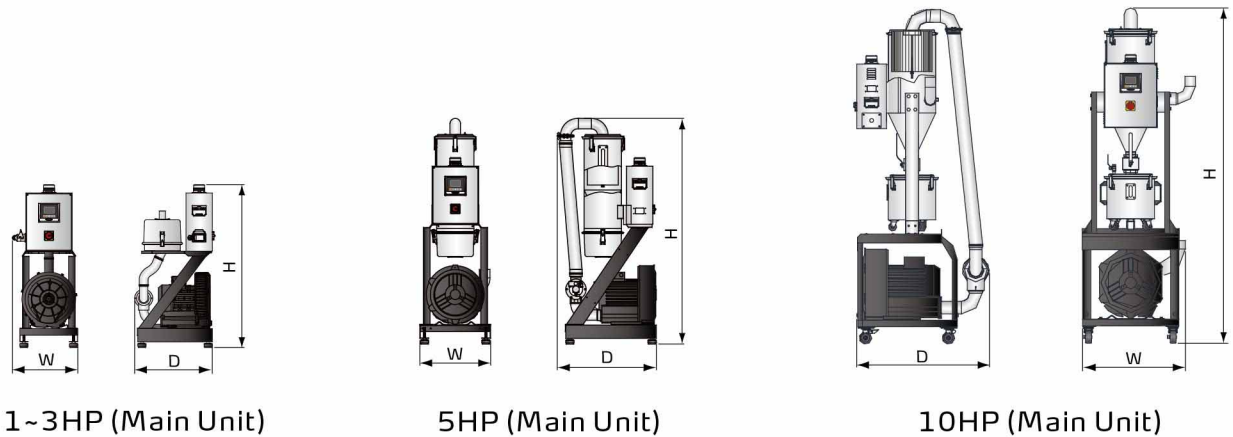
SAL-UG/UGP Series



SAL-UG Outline Drawings



SAL-UGP Series Outline Drawings





■ SAL-UG Specifications

Main Unit					Hopper Receiver				Conveying Pipe Dia. (inch)	Vacuum Pipe Dia. (inch)	Conveying Capacity (50/60Hz)			
Model	Motor Power(kW) (50/60Hz)	Dimension H×W×D		Weight		Applied to		Hopper Capacity			kg/hr	lb/hr		
		mm	inch	kg	lb	L	gal	kg					lb	
SAL-5HP-UG	3.75/4.2	1380×470×600	54.3×18.5×23.6	74	163	SHR-24U×1 SVH-24L×1	24	6.4	9	20	2	2	1000/ 1100	2205/ 2423
SAL-5HP-UG-D	3.4/3.8	1380×670×600	54.3×26.4×23.6	76	168				13	29			1125/ 1480	2480/ 3260
SAL-10HP-UG	7.5/8.6	2015×620×795	79.3×24.4×31.3	160	353	SHR-36U ×1	36	9.5	11	24	2	2.5	1600/ 2250	3527/ 4957
SAL-10HP-UG-D		2015×790×795	79.3×31.1×31.3	162	357				15	33			2000/ 2700	4409/ 5948
SAL-20HP-UG-D	13/18.7	2200×745×1000	86.6×29.3×39.4	236	520	SHR-48U ×1	48	12.7	15	33	2.5	3	2000/ 2700	4409/ 5948

Notes:1) "SVH-L" stands for photosensor hopper receiver, "SHR-U" refers to vacuum hopper receiver.

2) Test condition of conveying capacity: Plastic material of bulk density 0.65kg/L(5.5lb/gal),

dia. 3~5mm/0.12~0.2inch, vertical conveying height: 4m/13.1feet, horizontal conveying distance: 5m/16.4feet.

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

■ SAL-UGP Specifications (With cloth filter, this series is suitable for conveying materials containing 30% powder.)

Main Unit		Hopper Receiver							Cloth Filter Quantity	(Main Unit) H×W×D			
Model	Motor Power (kW, 50/60Hz)	Applied to	Conveying Pipe Dia. (inch)	Vacuum Pipe Dia. (inch)	Hopper Capacity		Hopper Dia.			Conveying Capacity(50HZ)		mm	inch
					L	gal	mm	inch	kg/hr	lb/hr			
SAL-1HP-UGP	0.75/0.85	SHR-P-12U	1.5	1.5	12	3.2	Φ270	Φ10.6	300	661	3	1000×400×500	39.4×15.7×19.7
SAL-2HP-UGP	1.5/1.8	SHR-P-30U			30	7.9	Φ380	Φ15	400	882			
SAL-3HP-UGP	1.85/2.0	SHR-P-60U	2	2	60	15.9	Φ440	Φ17.3	650	1433	10	1380×470×600	54.3×18.5×23.6
SAL-5HP-UGP	3.75/4.2								1200	2646			
SAL-5HP-UGP-D										1350	2976		1380×670×600
SAL-10HP-UGP	7.5/8.6	SHR-P-90U	2.5	2.5	90	23.8	Φ550	Φ21.7	2000	4409	19	2015×620×795	79.3×24.4×31.3
SAL-10HP-UGP-D												2015×790×795	79.3×31.1×31.3

We reserve the right to change specifications without prior notice.

SAL-UGP Specifications (With plate filter, this series is suitable for conveying materials containing 100% powder.)

Main Unit		Hopper Receiver							Plate Filter Quantity	(Main Unit) H×W×D			
Model	Motor Power (kW, 50/60Hz)	Applied to	Conveying Pipe Dia. (inch)	Vacuum Pipe Dia. (inch)	Hopper Capacity		Hopper Dia.			Conveying Capacity(50HZ)		mm	inch
					L	gal	mm	inch	kg/hr	lb/hr			
SAL-1HP-UGP	0.75/0.85	SHR-P-30U-1	1.5	1.5	30	7.9	Φ270	Φ10.6	300	661	1	1000×400×500	39.4×15.7×19.7
SAL-2HP-UGP	1.5/1.8	SHR-P-30U-2			30	7.9	Φ380	Φ15	400	882			
SAL-3HP-UGP	1.85/2.0	SHR-P-60U-3	2	2	60	15.9	Φ440	Φ17.3	650	1433	3	1380×470×600	54.3×18.5×23.6
SAL-5HP-UGP	3.75/4.2								1200	2646			
SAL-5HP-UGP-D										1350	2976		1380×670×600
SAL-10HP-UGP	7.5/8.6	SHR-P-90U-5	2.5	2.5	90	23.8	Φ550	Φ21.7	2000	441	5	2015×620×795	79.3×24.4×31.3
SAL-10HP-UGP-D												2015×790×795	79.3×31.1×31.3

Notes: 1) Test condition of conveying capacity: Use dried powder plastic material without any viscosity and its bulk density is 0.6kg/L(5.5lb/gal), vertical conveying height: 4m/13.1feet, horizontal conveying distance: 5m/16.4feet.

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

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