



Model SAL-300C



SPV 兩料比例閥



Model SAL-800G

MST 儲料桶





We have accumulated more than twenty years experience of product research and manufacturing by constantly bring forth new ideas, we first developed a series of high performance auto loaders to meet the conveying need of all kind of materials, and offer camping capacities of up to 700KG per hour. Stainless steel material hopper, high performance vacuum motor, motor protective device and material shortage alarm are used in every type of our Auto-Loaders. They all have characters of compact size, lightweight, strong vacuum suction, easy installation, simple operation and good durability.

Auto Loaders



SAL-300C



SAL-300CE



SAL-400

SAL-300 Panasonic

The SAL-300 series of panasonic carbon brush motor is used. Compact size with light weight. Easy installation and Particularly for conveying new material.

SAL-400

The features for SAL-400 are switch for automatic filter cleaning device and the use of induction vacuum motor for silence and durability.

Features

1. Easy for operation and maintenance.
2. Stainless steel receiver.
3. Motor protective device.
4. Alarm for shortage of material.
5. SAL-300C/300CE is equipped with filter.
6. SAL-300CE is associated with electric-eye inspection and can supplement particles of plastic rapidly and correctly.
7. Percolator made of cloth is attached to SAL-400 and it is fit to material of granulation.

Model	Motor		Conveying capacity	Receiver Volume	Conveying Tube I.D.	External Dimensions (HxWxD)	Weight(KG)
	Type	Specification					
SAL-300C	Carbon Brush	1000W 1 $\frac{1}{2}$	300KG/hr	6L	38mm	540x410x360	11
SAL-300CE	Carbon Brush	1000W 1 $\frac{1}{2}$	300KG/hr	6L	38mm	540x410x360	12
SAL-400	Induction	1HP 3 $\frac{1}{2}$	400KG/hr	10L	38mm	780x450x450	26

Auto Loaders

SAL



SAL-700G



SAL-700GE



SAL-800GE/SAL-800G2E



SAL-800G/SAL-800G2



SAL-3.5~10HP



SAL-900G2M



Features

1. Main controller and material hopper are designed separately, for safe and convenient.
2. Stainsteel material hopper.
3. Microprocessor controller.
4. Motor protective device.
5. Alarm for shortage of material.
6. Independent filter device.
7. The feeding operation is controlled by an electric level sensor.
(For SAL-□□□GE series only)
8. Window for inspection of filter.

Stations Loaders Specifications

Model	Motor specification	Receiver Volume	Conveying Tube I.D.	Application
SAL-900G	1HP 3φ	SVH-6L+SMH-6L	φ38mm	Controlling two receivers by one single controller not only can avoid taking space, but also manage convenient.
SAL-900GE	1HP 3φ	SVH-6L;2	φ38mm	
SAL-900GM	1HP 3φ	SMH-6L;2	φ38mm	
SAL-900G2	2HP 3φ	SVH-12L+SMH-12L	φ38mm	
SAL-900G2E	2HP 3φ	SVH-12L;2	φ38mm	
SAL-900G2M	2HP 3φ	SMH-12L;2	φ38mm	

Loaders specifications

Model	Motor		Conveying capacity	Material Hopper Volume	Conveying Tube I.D.	External Dimensions		Weight(KG)	
	Type	Specification				Main Controller H x W x D	Material Hopper H%W%D	Main Controller	Material Hopper
SAL-700G	Carbon Brush	1180W 1	300KG/hr	6L	朴38mm	560x370x290	430x360x260	19	6
SAL-700GE	Carbon Brush	1180W 1	300KG/hr	6L	朴38mm	560x370x290	530x360x260	19	6
SAL-800G	Induction	1HP 3	300KG/hr	6L	朴38mm	660x420x370	430x360x260	45	6
SAL-800G2	Induction	2HP 3	550KG/hr	12L	朴38mm	660x420x370	485x440x310	33	7
SAL-800GE	Induction	1HP 3	300KG/hr	6L	朴38mm	660x420x370	530x360x260	45	6
SAL-800G2E	Induction	2HP 3	400KG/hr	12L	朴38mm	660x420x370	585x440x310	55	7
SAL-3.5HP	Induction	3.5HP 3	750KG/hr	30L	朴51mm	830x730x370	800x440x310	75	15
SAL-5HP	Induction	5HP 3	900KG/hr	30L	朴51mm	830x730x370	800x440x310	80	15
SAL-7.5HP	Induction	7.5HP 3	1100KG/hr	45L	朴63.5mm	930x750x450	1080x440x310	117.5	21.2
SAL-10HP	Induction	10HP 3	1300KG/hr	45L	朴63.5mm	930x860x460	1080x440x310	127.5	21.2

Auto Powder Loaders



Feature

SAL Powder Loader series are ideally suitable for material which feature is that specific gravity is between $0.5g/cm^3$ and $3.0g/cm^3$, non adhesive, promiscuous granule, used for viand, chemical engineering and plastic industry etc. The machines spray high pressure air to shock down the dust in a moment, make it to have a good suction effect; and easy for cleaning.

Suctioner specifications

Model	Receiver Volume	Filter	(Mm) Receiver Size	(Kg/Hr.) Conveying Capacity	Pipe Diameter
SAL-700-P	6L	1	∅230∅240	100	1.5"
SAL-800G-P	6L	1	∅230∅240	150	1.5"
SAL-800G2-P	12L	1	∅270∅290	200	1.5"
SAL-3.5HP-P	30L	3	∅350∅420	300	2"
SAL-5HP-P	30L	3	∅350∅420	400	2"
SAL-7.5HP-P	45L	3	∅350∅700	550	2.5"
SAL-10HP-P	45L	3	∅350∅700	700	2.5"

The conveying capacity on the table is measured from 5m height bakelized dust.

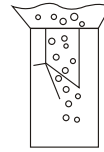
Options



Cyclone



Reverse stopper



Pneumatic diaphragm valve



Suction box with shut-off valve



Suction hopper



Proportional valve

Specifications

name	model	applicable SAL model	application
Cyclone	ACF1	SAL-700G SAL-800G	To use with Auto Loaders for providing grinding material a suitable conveying and reducing the times of cleaning filter.
	ACF2	SAL-2.5/3.5/5HP	
Pneumatic diaphragm valve	2	SAL-2.5/3.5/5HP	Vacuum break device can increase the conveying capacity up to 30% or more.
Suction hopper	SCH	SMH	Installing a hopper below the micro switch suction hopper which can be installed on the forming machine and avoid the trouble in falling material
Suction box with throttle valve	SB	SHD	Use with Frame-type Hopper Dryer for adapting Auto-Loader and easy unload
Proportional valve	SPV	SAL İÄ + SG İÄ	To proportionally mix new material and grinding material or immediately reuse the grinding material while using Auto Loader.
Reverse stopper	---	SVH	Used for in the occasion which the bottom of the upright injection machine or the machine equipped with pad can not offer well sealed.

Receivers Dimensions



SMH-6L



SVH-3L

Model	Capacity	Weight	(Mm) Dimensions	Controller	Application
SMH-6L	6	6	430x360x260	Limit Switch	SMH can be mounted onto the hopper dryer and fitted with a limit switch making control exactly. Stainless receiver is light weight, durable and easy for cleaning.
SMH-12L	12	7	485x440x310	Limit Switch	
SMH-30L	30	9	800x440x310	Limit Switch	
SMH-45L	45	11	1080x440x310	Limit Switch	
SVH-3L	3	5	440x260x210	Electric level sensor	
SVH-6L	6	6	530x360x260	Electric level sensor	
SVH-12L	12	7	585x440x310	Electric level sensor	

NOTE

1. All data shown on the table are calculated based on 50HZ.
2. Conveying ability depends on the material density, conveying distance, conveying length, power frequency and other factors.
3. While selecting an auto loader for your purpose, it is better to select 80% of maximum conveying capacity.

SHINI PLASTICS TECHNOLOGIES, INC.

Headquarters & Taipei Factory

23, Minhe St., Shulin City,
Taipei, Taiwan

Tel: (886) 2 2680 9119

Fax: (886) 2 2680 9229

Email: taipei@shini.com

www.shini.com

CTS PLASTICS MACHINERY PTY LTD

Australasian Agent

19 Fiveways Boulevard, Keysborough 3173
Victoria, Australia

Tel: (613) 9701 5577

Fax: (613) 9701 5150

Email: shini@ctsmachinery.com.au

www.ctsmachinery.com.au