

S series

Single phase hopper loaders

The Piovan range of single phase hopper loaders allows for automatic granule conveying to drying hoppers, volumetric and gravimetric blenders, and processing machines.

Benefits:

- No risk of material contamination or corrosion
- Absence of granule stagnation
- Maximum performance at every loading cycle
- Total safety
- Ease of cleaning
- Handling of all granular materials
- Soft start function
- Warning signals



The S single phase hopper loaders incorporate the vacuum motor. They can convey up to 200 kg/h of material and the distance can reach 20 m.

The S series loaders are equipped with a new keypad control which includes a

powerful microprocessor.

The display and keyboard grant a simple and quick access to all the functions. The RS485 serial communication port (modbus protocol) is included as standard.

PIOVAN

Customers. The core of our innovation

The high reliability of the Piovan single phase loaders is ensured by two devices included in the standard configuration, considerably increasing the vacuum pump's life:

- soft start function, which reduces the wear out of the brushes and the risk of damaging the motor
- warning signals indicating the necessity to replace the brushes.

Standard version

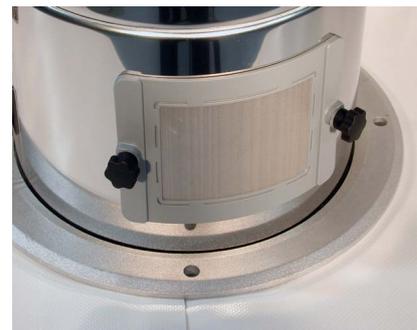
- 1 kW double step vacuum motor;
- paper or fabric filter;
- automatic filter cleaning device (by means of compressed air);

- filter cleaning air exhaust and inspection door with stainless steel mesh protection;

- magnetic level sensor;
- control box with keypad, including the serial port and LEDs for the indication of working status and alarms;
- aluminum flange which allows the 360° rotation for a flexible positioning

Options

- VP proportioning valve;
- acoustic alarm.



TECHNICAL DATA		S 50	S 52	S 55
Voltage / Frequency	V/Hz	230/50-60		
Motor power	W	1000		
Volume	dm ³	1.5	5	10
Static vacuum	kPa	21		
Maximum noise level	dB(A)	83		
Dimension A	mm	40	40	40
Dimension B	mm	185	280	280
Dimension C	mm	450	595	680
Dimension D	mm	245	310	310
Weight	kg	9	11.5	12

HEADQUARTERS:

Europe: Piovan S.p.A / Tel. +(39) 041 57 99 111 - Fax +(39) 041 57 99 228 - sales@piovan.com

North America: Universal Dynamics Inc. / Tel. +(1) 703 490 7000 - Fax +(1) 703 490 7001 - sales@unadyn.com

South America: Piovan do Brasil / Tel. +(55) 11 36939500 - Fax +(55) 11 36939515 - piovan@piovan.com.br

Asia: Piovan Asia Pacific / Tel.+(66) 2 694 1090 - Fax +(66) 2 694 1089 - asiapacific@piovan.com

China: Piovan China / Tel. +(86) 512 6732 5312 - Fax +(86) 512 6732 5311- info@piovan.cn

www.piovan.com