

**RUPES®**



**SERIE S1**



**1. Turning on and function selector**

The blue backlighting indicates that the extractor is ready to be started. Selection of the manual – automatic mode. Regulation of engine power from 350 W to 1200 W, in the manual or automatic mode.



**2. Selection of the diameter of the extraction hose (M/H versions)**

To ensure operator safety, the extractors in the M and H versions, are equipped with a system for controlling the suction power. The system emits an alarm if the speed of the air in the extraction hose drops below the safety levels. For proper functioning of

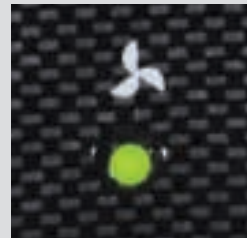
the extractor, set the specific selector on the diameter of the hose utilized before starting to work.



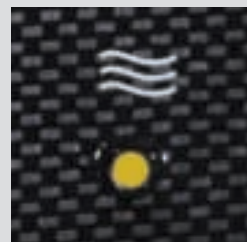
**3. Connection of tools for automatic starting of the extractor**

Option of connecting an electric tool of up to 2400 W of power, or a pneumatic tool.

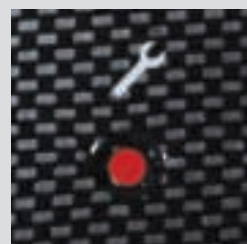
**4. Multifunction LED**



**GREEN:** motor on. The led lights up each time extraction is activated. The silent operation of the extractor makes this type of signal necessary.



**YELLOW:** container for liquids full (E versions). This led switches on to signal the blocking of the extractor when the level of liquids in the container has exceeded the maximum level.



**RED:** service. This led signals the need for routine maintenance to be carried out at an Authorized RUPES Service Center.



Air cycle during normal operation



Air cycle during filter cleaning

### Automatic filter cleaning

To ensure maximum extraction efficiency under all working conditions, the S1, version E extractors have an automatic filter cleaning system (Rupes patent). By means of a system of valves, the air flow passing through the filters is inverted in alternation every 30 seconds, thus ensuring efficient cleaning action. With this innovative system, the operator is able to continue working without any interruption or reduction in the extraction process.

### Cartridge filter

All the extractors in the S1 Series are equipped with a double panel filter for a total of 1 sq. meter of filter surface area.

All extractors, in both the L and M versions, are supplied with a filter made of material certified for class M dust extraction.

The H versions are instead supplied with filters for the higher dust class, i.e., H. Two versions of the filters are available:

- paper filters for extraction of fine and dry dust;
- polyester filters: washable filters suitable for extraction of fine and dry dust. Recommended for the extraction of liquids without the need for a filter bag.

### Filter bags

There are three different types of filter bags for the S1 series extractors:

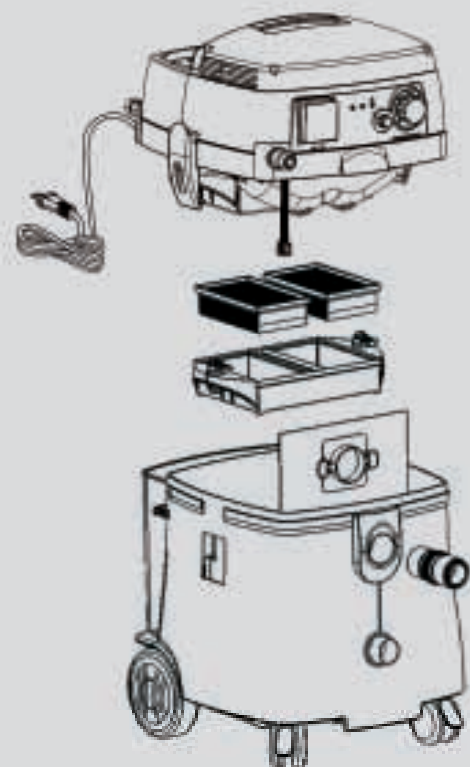
- filter bags made of paper for class M dust
- polyethylene bags recommended for dust and debris originating from cleaning procedures
- filter bags for special applications for extractors certified for class H dust (S 145EH – S 145EPH)

### Container drums

The S1 series extractors are available in two versions with 30- and 45-liter drums. Their special structure ensures their resistance and manageability during movement in all workplaces. Their shape enables maximum expansion of the filter bag, fully using the volume of space provided by the drum.

### Extraction connector attachment

All extractors in the S1 series are supplied with a multipurpose swivel extraction attachment that makes it possible to use extraction hoses with diameters of 25, 29, 38 and 50 mm, making the extractor adaptable to any application.



**CONNECTED HOSE**

Thanks to the new connector attachment with an air regulator patented by RUPES, the hose for connection with pneumatic tools ensures maximum extraction efficiency. In fact, the regulator makes it possible to obtain the correct air flow rate and thus to optimize extraction based on the type of application. The positioning of the tool directly on the connector attachment is also ergonomic and provides for easy use.

**FILTERS AND FILTER BAGS**

The different types of filters and filter bags available allow for use of the S1 Series extractors in all types of work. Owing to the technical features and composition of the filtering material, they guarantee extraction of all types of dust, from the most common types to the most hazardous ones, in compliance with current regulations and to safeguard the health of the user.

**Grip with toolholder**

The practical grip is available on request for the S 145 series. The practical toolholder turns the extractor into a convenient and functional work station.

**Rest surface**

In the upper part of the head of the S130 and S 145 extractors, there is a convenient, multipurpose shelf where tools and related attachments can be stored.

**Attachment storage compartment**

In the rear part of the 45-liter extractor, there is a capacious attachment storage compartment, where the power cord and the extraction hose can be stored after use.

## EXTRACTED DUST CLASSIFICATION



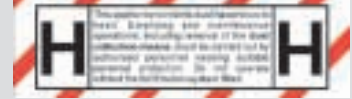
### L VERSIONS

Class L dust extractors with a maximum tolerated exposure value  $> 1.0 \text{ mg/m}^3$  (according to the EN60335-2-69/A2 standard).



### M VERSIONS

Class M dust extractors with a maximum tolerated exposure value  $> 0.1 \text{ mg/m}^3$  (according to the EN60335-2-69/A2 standard), and a selector for the extraction hose diameter.



### H VERSIONS

Class H dust extractors with a maximum tolerated exposure value  $< 0.1 \text{ mg/m}^3$  (according to the EN60335-2-69/A2 standard), and a selector for the extraction hose diameter.

TYPICAL APPLICATIONS	SUGGESTED VERSION
Fine dust, subject to the general limit for dust, i.e., $3 \text{ mg/m}^3$	L, M, H
Dust from mineral substances containing aluminum oxide	L, M, H
Paint dust	*(L) M, H
Wood dust	M, H
Plaster or chalk dust	M, H
Zinc chromate dust	H
Dust containing PAH**	H
Asbestos dust	H

\*[L]: Use is possible, but with some restrictions. \*\*PAH: Polycyclic aromatic hydrocarbons.  
NOTE: The suggested versions are indicative. You are advised to check current regulations and standards.

### Equipped with

- Front swivel extraction attachment
- Extractor hose, 29 mm – 4 m
- Filter bag made of paper, for Class M dust (L and M versions) (code 042.1108)
- Special filter bag (S 145EH – S145EPH versions) contained in a plastic casing to prevent dispersion of extracted Class H dust (code 114.1108/C)



**S 130**

TECHNICAL SPECIFICATIONS			
		S 130	S 145
Power	W	1x1200	1x1200
Weight	kg	10,5	13,5
Max. power supplied by power outlets	W	2400	2400
Pressure	mm/h <sub>2</sub> O	2000	2000
Noise level	dB(A)	70*	73*
Container volume	l	30	45
Air flow rate	m <sup>3</sup> /h	165**	165**
Indicated for dust classes		L	L-M-H
Filter surface area	m <sup>2</sup>	1	1
Connectable tools	n	1	1
Electrical outlets for tools	n	1	1
Air connections for tools	versions	P	P
Automatic filter cleaning	versions	E	E
Ø internal connector attachment	mm	50	50
<b>PNEUMATIC VERSION:</b>			
Feed pressure	bar	6	6
Max. air flow rate	l/min	1450	1450

\* dB(A) According to EN 60704-3 standard

\*\* According to EN 60335-2-69 standard



**S 145**



	S 130L	S 130PL	S 130EL	S 130EPL
AUTOMATIC FILTER CLEANING			•	•
AUTOMATIC STARTING OF ELECTRIC TOOLS	•	•		•
AUTOMATIC STARTING OF PNEUMATIC TOOLS		•		•
LIQUIDS SENSOR			•	•
INDICATED FOR DUST CLASSES	L	L	L	L
FILTER MADE OF PAPER		•		•
FILTER MADE OF POLYESTER	•		•	
WHEELS WITH BRAKE LOCK	•	•	•	•
POWER REGULATOR EXTRACTOR	•	•	•	•
SERVICE INDICATOR	•	•	•	•





Paper filter bag



Polyethylene filter bag



Polyester filter



Filter bag for class H dust



Toolholder grip for S 145 series extractors



"2-in-1" connected hose for pneumatic tools



Connected hose for electric tools

**ACCESSORIES**

Description	Model	Qty/pkg.	Code
Paper filter bag	S 130 /S 145	5	042.1108/5
Polyethylene filter bag	S 130 /S 145	5	052.1108/5
Class H filter bag	S 145	5	114.1108/5
Paper extraction filter	S 130 /S 145	1	036.1108
Polyester filter bag	S 130 /S 145	1	065.1108
Toolholder grip for extractors	S 145		049.1108/C
Swivel coupling for hose Ø 25/29/38 mm	S 130 /S 145		040.1108

**ACCESSORIES**

Description	Size	Ømm	Tool	Code
Hose with fittings "2 in 1"	4 m	25	pneumatico	9GAT02013/C
Hose with fittings	4 m	25	elettrico	9GAT02014/C
Hose with fittings "2 in 1"	* 5 m	29	pneumatico	9GAT02004/C
Hose with fittings	* 5 m	29	elettrico	9GAT02001/C
Hose with fittings "2 in 1"	* 8 m	29	pneumatico	9GAT02002/C
Hose with fittings	* 8 m	29	elettrico	9GAT02003/C
Elastolan hose (roll)	* 25 m	8		9GT03057/25
Evaflex hose * (roll)	* 30 m	25		9GT03047/30
Evaflex hose * (roll)	* 30 m	29		9.1264/30
Hose cover				80.182
Adapter hose Ø 25 - Ø 29	40 cm	-	-	9GT03072/C

\* antistatic treatment



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