dustoo Mobile high-vacuum suction and filter system

Suitable for

Use on welding guns with integrated extraction or selective collection via extraction nozzle



dustoo

Description

Mobile high-vacuum cartridge filter in portable and mobile versions.
The system is particularly suitable for use with welding guns with integrated extraction. The housing is made of sturdy sheet steel and has a powder coating on the inside and outside.

The device has an integrated spark arrestor. The dust is collected in a dust collection tray and can then be easily disposed of. The filter cartridge works on the principle of surface filtration, i.e. the particles are deposited on the filter cartridge and do not penetrate the filter material.

The extraction unit has a continuously variable speed control via a potentiometer for adjusting the suction power. The extraction unit is equipped with two powerful high-pressure turbines.

The system is equipped with automatic filter cleaning. If the system is connected to compressed air, cleaning takes place at appropriately set intervals via a timer.

A filter monitoring system signals when a certain pressure value is reached, indicating that the filter cartridge should be replaced. The device is delivered ready to plug in with a IEC power cord.

Standard equipment

- Speed control
- 2 intake manifolds ∅ 50 mm
- 1 cover for intake
- Optical filter monitoring
- Automatic filter cleaning
- 5 m power cord
- 2.5 metre suction hose
- Round nozzle with magnetic base

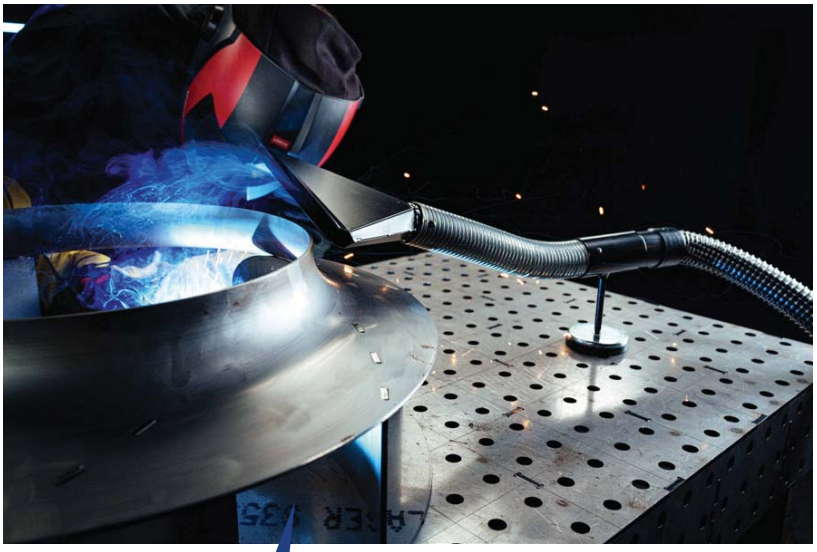
Technical Data

dustoo Mobile high-vacuum suction and filter system	
Max. volumetric flow of the fan	0-340 m³/h
Max. pressure	20.000 Pa
Motor performance	1,6 (2x 0,8) kW
Separation efficiency	≥ 99%
Sound level	approx. 74 dB(A)
Inlet nozzle	2 × ∅ 50 mm
Filter equipment	Filter cartridge
Drive type	Carbon brushes motor
Dimensions	W: 300 mm D: 300 mm H: 810 mm
Weight	25 kg

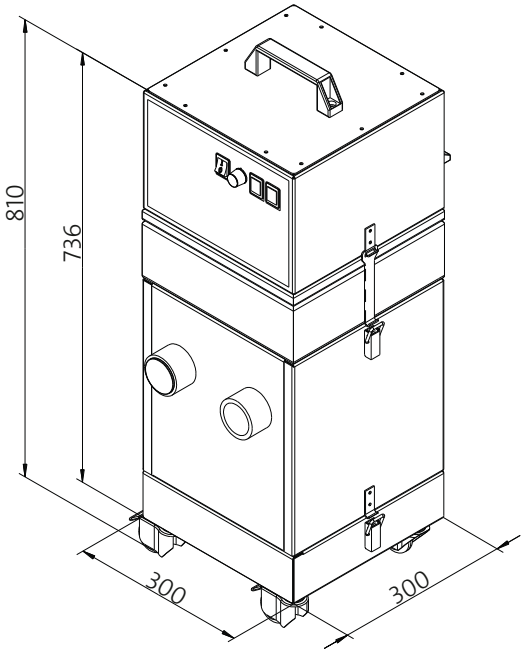
Our Hotline
+49 25 41 84 84 1 300

Available as an option

- Extensive selection of suction nozzles and hoses



Application example: Funnel nozzle



dustoo in **Action**

Available versions

dustoo Mobile high-vacuum suction and filter system	RGF
98 701	

Subject to changes and errors. Illustrations may contain optional equipment.

dustoo Accessories

	Filter cartridge PTFE		9870003	RGF
	Set carbon brushes for turbine		9870004	RGB
	Suction hose with two rigid connectors Ø 45 mm	Length 2,5 m	9631925	RGB
		Length 5 m	9631950	RGB
		Length 10 m	9631910	RGB
	Funnel nozzle Ø 45 mm, flexible, with magnetic base		96317	RGB
	Round nozzle Ø 45 mm, flexible, with magnetic base		963171	RGB
	Slot nozzle Ø 45 mm, with magnetic base	Width 300 mm	96318	RGB
		Width 600 mm	938186	RGB

Our Hotline
+49 25 41 84 84 1 300

	Floor suction nozzle, ∅45, width 500 mm	12201	RGB
	Suction pipe for floor suction nozzle, ∅45, length 1250mm	12202	RGB
	Coupling sleeve for hose ∅45 mm	12203	RGB
	Set: Floor suction nozzle, suction pipe, coupling sleeve	12200 10	RGB
	Pack of 10 PE-dust bags	10030252	RGB

Subject to changes and errors. Illustrations may contain optional equipment.