

Mobile units

GeoGo Black W3

GeoGo Black W3 is a mobile extraction unit designed for welding fumes and grinding dust in dynamic work environments. With a built-in filter system ensuring 99% filtration efficiency and W3 certification, it offers exceptional safety. It's compact design, robust wheels, and compatibility with various Geovent extraction arms make it perfect for light work and flexible use in industries requiring effective air extraction and filtration.

The user-friendly digital control panel features LED indicators for operation, clogged filter alarm and filter replacement. Buttons for switching extraction on and off and display for reading data such as operating hours, ensuring optimal performance and minimal downtime.

GeoGo Black includes a 3 m power cable with a Schuko plug.

Delivered with an integrated filter system with a metal spark arrestor and a cellulose main filter, giving a filter efficiency of >99%.

- High filtration efficiency with IFA W3 certification, ensuring a safe work environment.
- Robust and compact design which makes it durable for a long period of time.
- Sturdy rubber wheels with front swivel and a roller brake.
- Supplied with an extraction arm to the customer's request: WING arm, ASA-4 arm or ESA arm in ø160 mm and lengths of 2 or 3 meters.
- User-friendly digital control panel with alerts for clogged filters and system status.
- Quiet operation at 70 dB(A) with a powerful 1.1 kW fan.
- Optional extras: Automatic start/stop function and active carbon filters.



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Ordering table

Unit

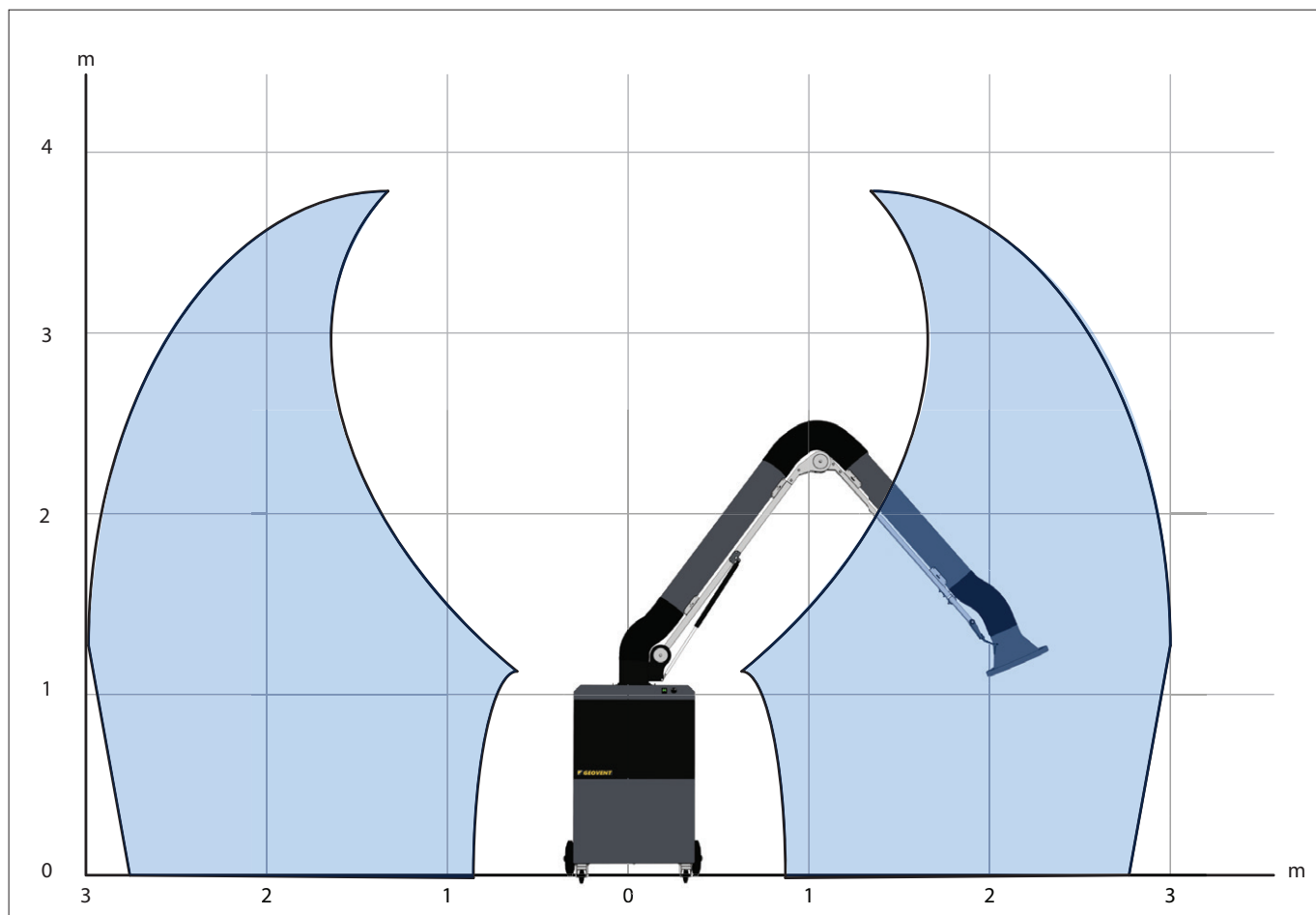
Art. No.	Description
15-120	GeoGo Black W3
15-121	GeoGo Black W3 incl. automatic start/stop

Arms

Art. No.	Description
01-008G	WING arm 2,0m ø160mm
01-009G	WING arm 3,0m ø160mm
01-650G	ESA arm 2,0m ø160mm
01-651G	ESA arm 3,0m ø160mm
ASA4-2-160-G	ASA-4 arm 2,0m ø160mm
ASA4-3-160-G	ASA-4 arm 3,0m ø160mm

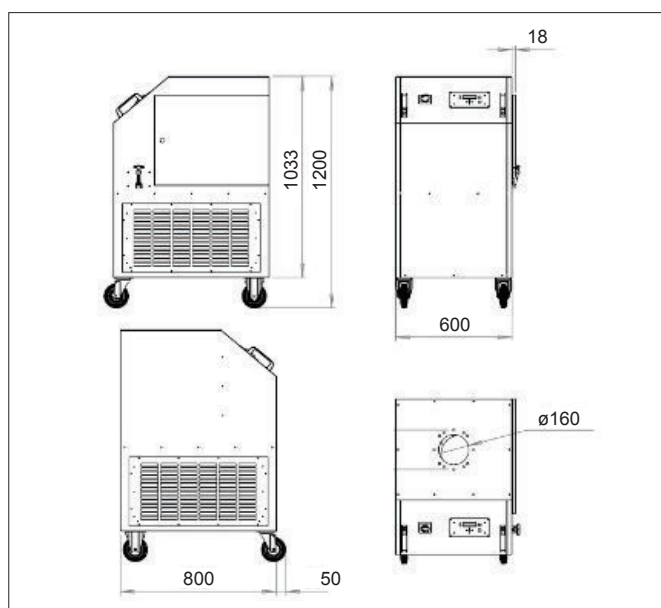
Spare parts

Art. No.	Description
15-125	Prefilter (Spark arrestor) for GeoGo Black W3
15-126	Filter for GeoGo Black W3
15-127	Active carbons filter for GeoGo Black W3



Workingarea for GeoGo Black W3 with ASA4 arm

Dimensions





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Filtration data

Description	Value	Notes
Filtration efficiency class – welding fumes	EN ISO 21904-2:2020 EN ISO 21904-1:2020 W3 ≥99%	DGUV Certificate No. IFA 2005015
Filtering stages	No 2	Spark arrestor - prefilter Cartridge filter
Filteringsurface	12,55 m ²	Cartridge filter
Filter	Ultra-web	Cartridge filter
Efficiency	99% >	Cartridge filter
Dust classification	DIN EN 60335-2-69:2010 M Test report num.: 201720665/6210	Cartridge filter
Filtering media weight	114 g/m ²	Cartridge filter
Filtering media thickness	0,28 mm	Cartridge filter
Active carbons	10 (5+5) Kg	Optional – for SOV on GeoGo Black W3

Extraction data

Description	Value	Notes
Extraction capacity	1.100 m ³ /h	Measured with clean filters
Minimum extrac-tion capacity	700 m ³ /h	Triggering level for air flow control
Max. fan capacity	2.500 m ³ /h	
Noise level	70 db(A)	

Single-phase version

Motor power	1,1 kW	
Mains supply	1 x 230V 50 Hz	
Absorbed current	7,67 A	