

## 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 arrester 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  $\varnothing 160$  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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### Filtration data

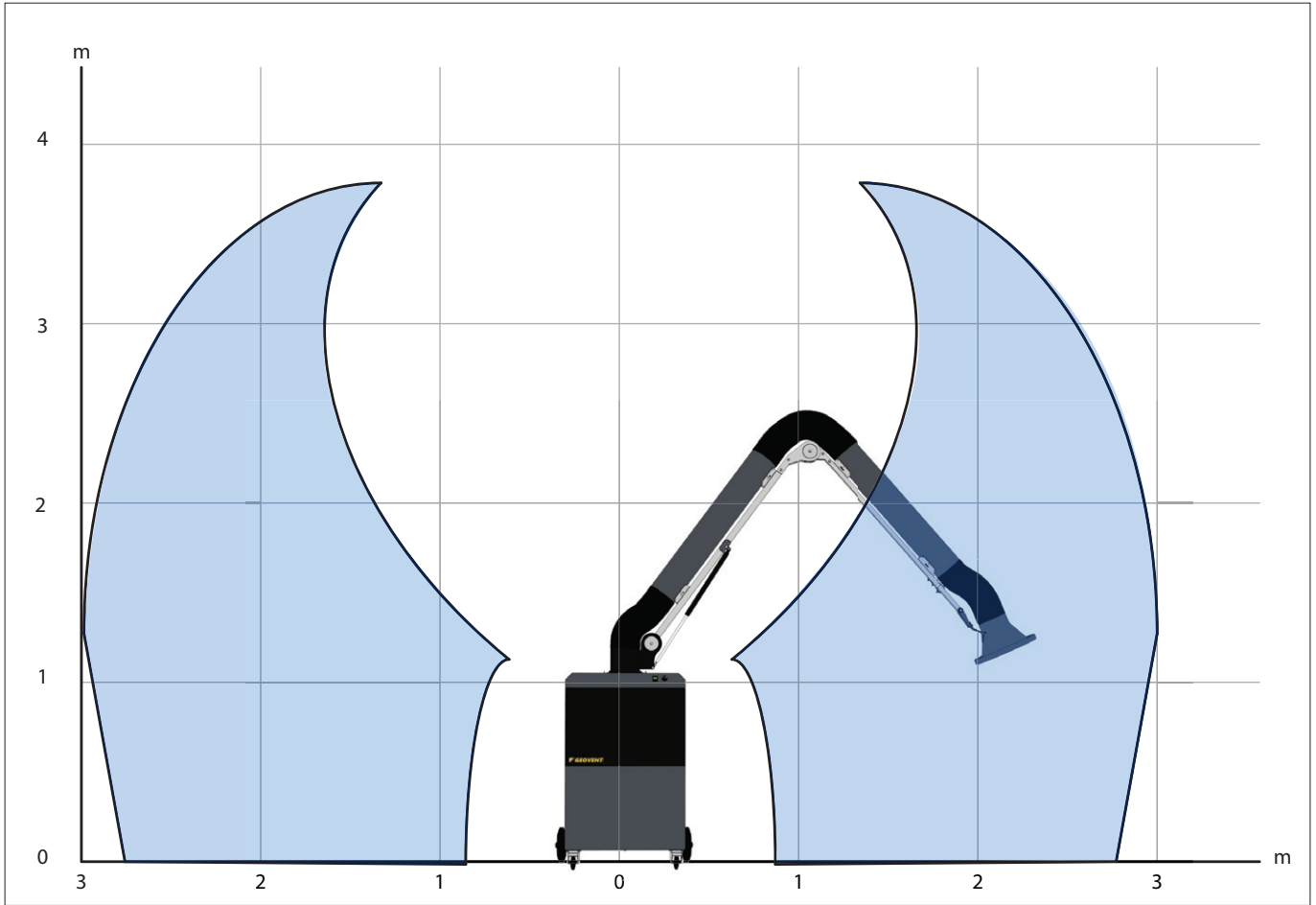
Description	Value	Notes
Filtration efficiency class – welding fumes	EN ISO 21904-2:2020 EN ISO 21904-1:2020 W3 $\geq 99\%$	DGUV Certificate No. IFA 2005015
Filtering stages	No 2	Spark arrester - prefilter Cartridge filter
Filteringsurface	12,55 m <sup>2</sup>	Cartridge filter
Filter	Ultra-web	Cartridge 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 <sup>2</sup>	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 <sup>3</sup> /h	Measured with clean filters
Minimum extraction capacity	700 m <sup>3</sup> /h	Triggering level for air flow control
Max. fan capacity	2.500 m <sup>3</sup> /h	
Noise level	70 db(A)	

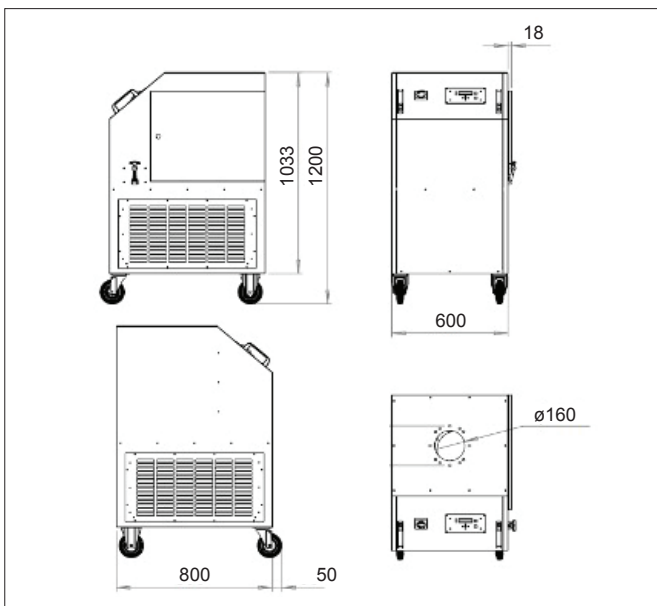
### Single-phase version

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



Working area for GeoGo Black W3 with ASA4 arm

## Dimensions



## Additional information

Description	Value	Notes
Extractor	Centrifugal fan	
Clogged filter alarm	1.000 Pa	Filter pressure differential gauge
Start / stop	Automatic	
Dimension	600x1200x800	
Weight	105 kg	