

Origo VacCart W3

Plug and play mobile weld fume extraction unit



THE RIGHT PROTECTION... JUST WHEN YOU NEED IT!



OrigoVac Cart W3 is a mobile fume extraction unit used to help maintaining a healthy work environment with clean, fume-free air by extracting fumes directly at the source in light and medium welding applications.

These mobile units are user-friendly and come complete with 3 m fume extraction arms. The integrated light further optimizes the design for ease of use. The fume extraction arm is 160mm diameter, and the cart features an extra-large filter which provides higher dust holding capacity due to better filter utilization and longer filter life.

OrigoVac Cart W3 offers enhanced mobility and safety with large back wheels and lockable front swivel wheels and a 6m power cable.



Replacement filter



Improved user notifications panel

WELDING PROCESSES

- Welding, GMAW (MIG/MAG)
- Welding, GTAW (TIG)
- Welding, PAW Plasma Arc Welding
- Welding, STICK/MMA Welding

FEATURES

- Extra-large filter 30m2 for extended filter life, up to a year
- Lightweight and highly mobile
- True airflow measurement within the hood when the 3m arm is positioned at a 45-degree angle
- Quick and easy filter replacement, taking just minutes
- Simple operation: plug in (1 ph), turn on, and you are ready to go
- Efficiency >99% in capturing welding fumes
- LED display indicates filter status, including alarm when the filter needs replacement
- ISO 21904 compatible for industry standards compliance
- Suitable for fume extraction for light to medium welding applications
- Optional HEPA filter (not included)

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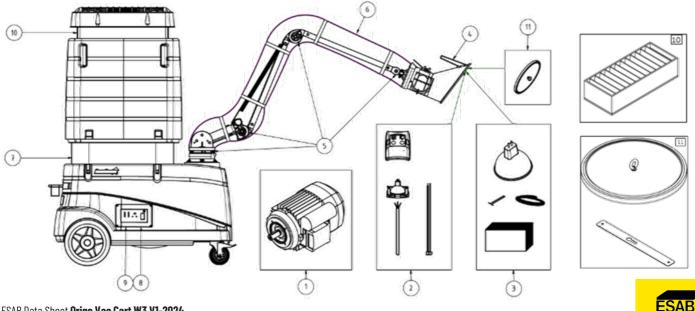
SPECIFICATIONS	
Primary Voltage	110/230 VAC ± 15%, 1 ph, 50/60 Hz
Power	0.75kW
Filter Surface	30m²
Noise Level (at 1m/3ft, 100% motor power, ISO 11201)	79 dB(A)
Operating Temperature	0 to +35°C
Max Airflow Temperature	+60°C
Extraction Capacity	675–1050m3/h
Filter Efficiency (main)	>99 %
Filter Efficiency (HEPA accessory)	> 99.95 % H13
	(ISO 21904-2)
Standards (Filter)	F9 (EN779)
	MERV 14 (ASHRAE 52.2)
EN ISO 21904-1:2020, EN ISO 12100:2010, EN tandards (Unit) 20607:2019EN 61000-6-2:2019, EN 61000-6-4:: 61000-3-3:2013, EN 60204-1:2018	
Hose Diameter	160mm
Dimensions L x W x H (with hose min extended)	1875 x 770 x 2050 mm
Dimensions L x W x H (without hose)	1145 x 770 x 1410 mm
Weight	73 kg

ORDERING INFORMATION		
Description	Part Number	
Origo Vac Cart W3, 230V, 50Hz, 3m, with light, EU	0700003895	

Delivery includes Fume extraction unit complete with hose arm and hood, main filter and instruction manual.

ACCESSORIES, WEARS & SPARES			
NO	Description	Part Number	
1	Motor 0.75kW 115/230V 1ph 50/60Hz	0700003081	
2	LED light/fan switch OrigoVac Arm	0700003212	
3	10 x lens, 1 x LED	0700003072	
4	Hood for OrigoVac Arm	0700003075	
5	Wear kit original	0700003076	
6	Hose Øm160 3m complete	0700003062	
7	Filter Nanofiber OrigoVac Cart	0464663050	

ACCESSORIES, WEARS & SPARES				
NO	Description	Part Number		
8	Overload protection with enclosure 8A T12	0700003920		
	Overload protection with enclosure 16A T12	0700003921		
9	Control Panel FC W3 with circuit board	0700003902		
10	HEPA filter H13 OrigoVac Cart	0700003219		
11	Spark filter for OrigoVac Arm hood	0700003217		



ESAB Data Sheet **Origo Vac Cart W3 V1-2024** www.cigweld.com.au