



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.

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)



Replacement filter



**Improved user
notifications panel**

Origo VacCart W3

SPECIFICATIONS

| | |
|--|---|
| Primary Voltage | 110/230 VAC \pm 15%, 1 ph, 50/60 Hz |
| Power | 0.75kW |
| Filter Surface | 30m ² |
| 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 | 675–1050m ³ /h |
| Filter Efficiency (main) | >99 % |
| Filter Efficiency (HEPA accessory) | > 99.95 % H13 |
| Standards (Filter) | (ISO 21904-2) F9 (EN779) MERV 14 (ASHRAE 52.2) |
| Standards (Unit) | EN ISO 21904-1:2020, EN ISO 12100:2010, EN ISO 20607:2019EN 61000-6-2:2019, EN 61000-6-4:2019EN 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 |

