The air purifiers

CartMaster IFA



TEKA Absaug- und Entsorgungstechnologie GmbH · Millenkamp 9 · 48653 Coesfeld
Tel.: +49 2541 / 84841-0 · Fax: +49 2541 / 84841-72 · Mail: info@teka.eu · Web: www.teka.eu

Product No.: 97000111

Description

CartMaster IFA

The **TEKA CartMaster IFA** is a mobile welding fume extractor with automatic filter cleaning. It is suitable for long-lasting welding work with heavy fume generation on unalloyed and alloyed steels, galvanised material and aluminium. This version has an extraction arm with three external joints.

At a glance

- **IFA certified W3:** also for high-alloy steels
- **Power spray system:** automatic cleaning according to filter cartridge contamination
- **Filter cartridge:** dust class M, cleanable
- **Mobile:** on castors, with extraction arm and hood

Your benefits

- **Consistent extraction performance:** The power spray system cleans the filter cartridge whenever necessary. When the fan is switched off, a post-cleaning cycle follows.
- **Low maintenance:** The cleaning system works without wear-prone rotating nozzles and uses low cleaning pressure and little compressed air.
- **Low follow-up costs:** The filter cartridge is cleanable and coated with a filter aid that extends its service life. A baffle plate pre-separates coarse particles.
- **High air volume:** The centrifugal fan delivers a high air volume even with loaded filter cartridges.
- **Easy maintenance:** Maintenance doors give access to all operating areas. The cleaned-off particles fall into a dust collection drawer and can be disposed of from there.
- **Easy to position:** The spring-assisted joints make the extraction arm easy to move, and it stays self-supporting in any set position. The throttle valve in the hood lets you adjust the air volume.

Standard equipment

Control unit with display, automatic filter monitoring, operating hours counter, seal seating lifting device and compressed air tank.

Applications

Welding workstations with heavy fume generation, metalworking, workshops and production plants.

Options with IFA certificate

Lighting kit, on/off switch via the extraction hood and spark protection grid for the extraction hood.

The operating instructions and the IFA certificate are available in the Downloads tab. Our overview page shows more systems for welding fume extraction.

Properties

Main filter quantity:	1
Volumetric flow (m³/h):	1.860
max. pressure (Pa):	2,900
Operating point:	1,210 m³/h at 1,900 Pa
Engine power (kW):	1.1
Supply voltage (V):	400
Connection frequency (Hz):	50
Current consumption (A):	2.5

TEKA Absaug- und Entsorgungstechnologie GmbH · Millenkamp 9 · 48653 Coesfeld
Tel.: +49 2541 / 84841-0 · Fax: +49 2541 / 84841-72 · Mail: info@teka.eu · Web: www.teka.eu

Properties

Current type:	3Ph+N+PE
Automatic cleaning:	Yes
Pre-filter:	deflector plate
main filter:	filter cartridge
Filter class:	Dust class M (in accordance with DIN EN 60335-2-69)
Filter surface (m²):	10
Separation efficiency (%):	> 99
Sound level (dB(A)):	72 – in accordance with DIN EN ISO 3744
Weight (kg):	200
Width (mm):	665
Depth (mm):	1,100
Height (mm):	1,495
Colour:	RAL 7016

Accessories



Exhaust ventilation hood, made from metal
Product No.: 104901



On/off switch via suction hood
Product No.: 96313321



Lighting for 1 suction arm incl. hood
Product No.: 96323

TEKA Absaug- und Entsorgungstechnologie GmbH · Millenkamp 9 · 48653 Coesfeld
Tel.: +49 2541 / 84841-0 · Fax: +49 2541 / 84841-72 · Mail: info@teka.eu · Web: www.teka.eu



Filter cartridge, type easy clean plus
Product No.: 6160600212508



Adapter for extraction hood; diam.: 150
Product No.: 66210



Adapter for extraction hood; diam 150 mm,
Product No.: 66220



Protection grille (finely woven) for installation
Product No.: 10372



Cartridge protection NANNOX P50
Product No.: 68130000100

Replacement parts



Filter cartridge, type standard,
Product No.: 6160600110008



PE bags for dust bin, pack of 10
Product No.: 10030250



Exhaust ventilation hood diam. 150 mm
Product No.: 66200

TEKA Absaug- und Entsorgungstechnologie GmbH · Millenkamp 9 · 48653 Coesfeld
Tel.: +49 2541 / 84841-0 · Fax: +49 2541 / 84841-72 · Mail: info@teka.eu · Web: www.teka.eu