CartMaster-IFA Mobile Cartridge filter unit, 1 suction element and automatic dedusting

Suitable for

Long-lasting fume extraction involving unalloyed and stainless steel, galvanized material and aluminium involving a strong fume production. This unit is IFA certified for welding fume class W3.



CartMaster
(Art.-Nr. 97000101)

DGUV Test
Gefahrstoffgeprüft
Schweißrauch-abscheideklasse W3

INCLUDING
POWER SPRAY-SYSTEM
further information on page 54

Description

Mobile cartridge filter unit with suction arm or 12 m suction hose.

The specially developed dedusting system guarantees optimal separation efficiency during the whole operation. The advantage of the POWER SPRAY-SYSTEM is not only its low maintenance construction without rotating jets (which wear off easily) but also the low dedusting pressure respectively low consumption of compressed air. The dedusted particles are collected in the dust collecting tray and can be disposed of afterwards.

The control contains a subsequent cleaning when the fan stands still.

A stable steel plate construction with consistent powder coating guarantees a low maintenance operation even under rough conditions.

A baffle plate serves as pre-separator for gross particles. The filter cartridge of the filter category BIA M separates the remaining fumes and dusts (separation efficiency ≥ 99 %). The cartridge is coated ex works with a special filter medium. Thus, the lifetime increases considerably compared to that of standard filter cartridges.

The enormous advantage of this unit is its user-friendly construction with maintenance doors for all control areas and very low consequential costs because the cartridge is dedustable.

Standard equipment

- Fully automatic, contamination-related dedusting via POWER SPRAY-SYSTEM
- Pre-separator
- Durable filter cartridge with large filter surface
- Control with display
- Compressed air container
- Optical filter monitoring
- Sealing device
- Operating hours meter

CartMaster in **Action**

Technical Data

CartMaster-IFA Cartridge filter unit	
Max. volumetric flow of the fan	1860 m³/h
Max. pressure	2900 Pa
Motor performance	1,1 kW
Separation efficiency	≥ 99 %
Sound level	approx. 70 dB(A)
Dimensions (W×D×H)	665 × 1100 × 1495 mm
Weight	approx. 160 kg

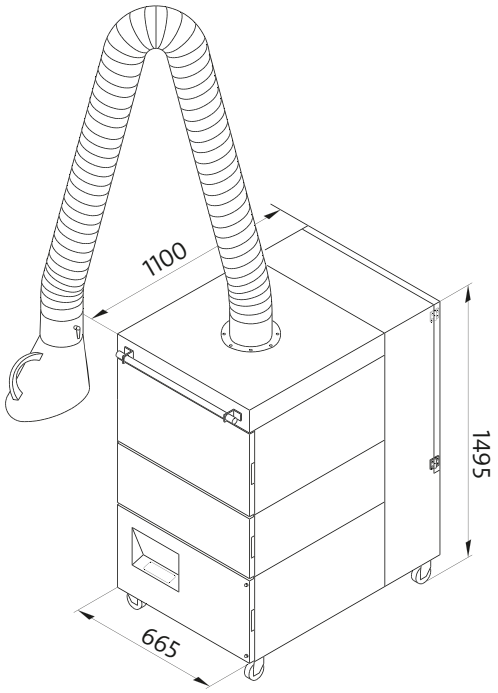
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- Suction arm ⌀ 150 mm or
  12 m suction hose ⌀ 150 mm
- 5 m power cord
- PE bag for the dust collecting try

Available as an option

- Lighting kit
- On/off switch via suction hood
- Protection grille for extraction hood



Available versions

CartMaster Cartridge filter unit with 1 suction element — RGA

		Length		
		3 metres	*4 metres*	*12 metres*
Arm, hose type	*Internal joints*	97000101	97000102	
	External joints	97000111	97000112	
Hose with exhaust hood and magnetic base				97000140

Subject to changes and errors. Illustrations may contain optional equipment.

Accessories for **CartMaster-IFA**

	Filter cartridge, filter area 10m² 327×600 mm, 10m², dust class M (Standard)	6160600110008	RGD
	Filter cartridge, type easy clean plus, 327 x 600 mm, 12,5 m²	6160600212508	RGD
	Protection grille for exhaust hood	10372	RGB
	PE bags (pack of 10)	10030250	RGB
	NANNOX P50 for filter cartrdiges, 100 g (in bucket)	68130000100	RGB
	Standard exhaust hood incl. throttle ⌀ 150	66200	RGB

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	Metal exhaust hood incl. throttle	⌀ 150	104901	RGB
	On/off switch via exhaust hood, preassembled	only on initial order	96313321	RGB
	Lighting, preassembled	only on initial order	96323	RGB
	Adapter for exhaust hood angular (only for plastic hoods)	300x360 mm PVC, black	66210	RGF
	Adapter for exhaust hood round (only for plastic hoods)	400mm PVC, black	66220	RGF

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