

STRONGMASTER, 2 x 2 m suction arm hose type

Mobile cartridge filter unit, IFA-certified. Appropriate to long lasting fume suction for welding jobs with non alloyed steels and precious metals, galvanized material and aluminium when large amounts of smoke are generated.



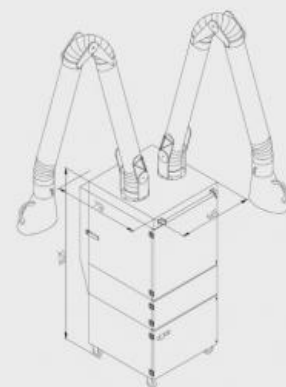
We set air in motion





Description

Mobile cartridge filter unit IFA-certified (IFA-No. 201121839/1140) in combination with all TEKA suction arms for welding fume category W3. The separation efficiency is $\geq 99\%$. As the filter cartridge is dedustable, the unit only generates minimal consequential costs. The filter cartridge remains in the unit during dedusting which guarantees that no dust can reach the working space. The unit corresponds to the security requirements for units of the welding fume category W3 (high alloy



steels). If you handle the unit correctly, you can use it for circulating air operation because it fulfils the requirements for the exceptional rules according to the new German Hazardous Substances Ordinance. A baffle plate serves to pre-separate gross particles. Afterwards, the filter cartridge separates the remaining dusts and fumes. The filters are dedusted at a maintenance door by means of a compressed air pistol on the clean air side. The particles are collected in a dust collecting drawer and can be disposed afterwards.

The air is evacuated on the backside of the unit through an outlet grill and rises up. Thus, at a 1 m distance, no disturbing air flow can be perceived any more.

The unit is fitted with a high-capacity fan with high negative pressure that guarantees a high volumetric flow even if the filter is saturated.

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

Technical Data

Max. volumetric flow of the fan [m³/h]: 3.500

Max. pressure [Pa]: 2.500

Engine performance [kW]: 2,2

Voltage [V]: 400

Power Frequency [Hz]: 50

Current consumption [A]: 5

Sound level [dB(A)]: 72

Weight [kg]: 150

Height [mm]: 1.625

Depth [mm]: 776

Width [mm]: 665

Diameter [mm]: 160

Separation efficiency [%]: ≥ 99

Prod.No. 97050100




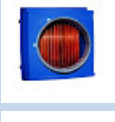


**STRONGMASTER, 2 x 2 m
suction arm hose type,
internal joints**

5120,00 EUR*








Accessories

	Dedusting kit Includes a special air jet and a 5 m compressed air hose	204,00 EUR*
	On/off switch via suction hood for 2 suction arms Suitable for suction arms of mobile and stationary units	299,00 EUR*
	Lighting kit for 2 suction arms For mobile and stationary units	490,00 EUR*
	Spark latch with copper lamellas For mobile units	755,00 EUR*
	Auto start-stop for 400V - units Equipped with magnetic field sensor	440,00 EUR*
	Extension kit for activated carbon filter Consisting of additionally housing and activated carbon filter	999,00 EUR*

Spare Parts

	Filter cartridge 10 m² Usable for devices of the type: Filtercube, Cartmaster and Strongmaster	398,00 EUR*
	PE bags for dust collection drawer, 300 mm high Dust collection bags for extraction units of the type Strongmaster, Cartmaster and Filtercube 2	128,00 EUR*
	Filter cartridge 10 m², PTFE Suitable for the units type: CARTMASTER und STRONGMASTER	930,00 EUR*

*Plus VAT and postal charges dependent on delivery country and quantity. **Free Shipping within Germany**

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