

# VacuFil 500

 **Non-stop operation**

 **For multiple workstations**



## Applications

- High levels of smoke and particles
- Non-stop operation
- Torch extraction, robot extraction
- Suction nozzles or high vacuum exhaust arms

## Properties

- Dust collection container
- Side channel blower
- KemTex® ePTFE filter cartridge
- 4 x 45mm and 1 x 100mm hose/duct connector

## Benefits

- High efficiency due to automatic filter cleaning
- Great flexibility in version with four separate connections
- Uninterrupted continuous operation due to automatically controlled filter cleaning

## Accessories

- Automatic start/stop
- Suction hose
- Slot and funnel nozzle
- Connector for welding torches

## Technical Data

| Filter                             |                       |
|------------------------------------|-----------------------|
| Filter stages                      | 1                     |
| Filter method                      | Cleanable filter      |
| Filter cleaning method             | Rotating nozzle       |
| Filter surface                     | 10 m <sup>2</sup>     |
| Type of filter                     | Filter cartridge      |
| Filter material                    | ePTFE membrane        |
| Filter efficiency                  | > 99.9 %              |
| Dust classification                | M                     |
| Basic data                         |                       |
| Extraction capacity                | 500 m <sup>3</sup> /h |
| Fan performance                    | 680 m <sup>3</sup> /h |
| Dimensions (w x h x t)             | 655 x 1197 x 1377 mm  |
| Weight                             | 264 kg                |
| Motor power                        | 5,5 kW                |
| Power supply                       | 3 x 400 V / 50 Hz     |
| Rated current                      | 11 A                  |
| Noise level                        | 74 dB(A)              |
| Additional information             |                       |
| Fan type                           | Side channel blower   |
| Compressed air supply              | 5 - 6 bar             |
| Capacity Dust collection container | 40 l                  |

## Order Data

| Art. No.      | Description   |
|---------------|---|
| <b>82 755</b> | High vacuum welding smoke extraction unit VacuFil 500             |
| <b>82 756</b> | High vacuum extraction system with automatic flow rate adjustment |

## Replacement Parts and Accessories

| Art. No.          | Description   |
|-------------------|---|
| <b>109 0440</b>   | 10 m <sup>2</sup> KemTex® ePTFE membrane cartridge filter |
| <b>94 102 704</b> | Automatic start/stop sensor, 5 m connection cable         |
| <b>93 070 004</b> | High vacuum hose Ø 45 mm, 2.5 m long                      |
| <b>93 070 005</b> | High vacuum hose Ø 45 mm, 5.0 m long                      |
| <b>93 070 006</b> | High vacuum hose Ø 45 mm, 10.0 m long                     |

