

# Cartridge Filter, stationary

Art. No.: 83 100 105



## Applications

- High levels of smoke and particles
- Non-stop operation

## Benefits

- High efficiency due to automatic filter cleaning
- Less need to adjust the exhaust arm due to flow-optimised exhaust hood design
- Best health protection for employees by use of KemTex® ePTFE filter cartridges with surface filtration
- Low air consumption due to differential pressure-controlled cleaning

## Technical Data

| Filter                             |                        |
|------------------------------------|------------------------|
| Filter stages                      | 1                      |
| Filter method                      | Cleanable filter       |
| Filter cleaning method             | Rotating nozzle        |
| Filter surface                     | 8 m <sup>2</sup>       |
| Type of filter                     | Filter cartridge       |
| Filter material                    | ePTFE membrane         |
| Filter efficiency                  | > 99,9 %               |
| Dust classification                | M                      |
| Basic data                         |                        |
| Extraction capacity                | 1200 m <sup>3</sup> /h |
| Max. fan performance               | 3000 m <sup>3</sup> /h |
| Maximum vacuum                     | 3000 Pa                |
| Dimensions (w x t x h)             | 655 x 655 x 1355 mm    |
| Weight                             | 146 kg                 |
| Motor power                        | 1,5 kW                 |
| Power supply                       | 3 x 400 V / 50 Hz      |
| Rated current                      | 3,5 A                  |
| Noise level                        | 71 dB(A)               |
| Additional information             |                        |
| Fan type                           | Radial fan             |
| Compressed air supply              | 5 - 6 bar              |
| Quantity of extraction arms        | 1                      |
| Exhaust arm type                   | flexible exhaust arm   |
| Diameter extraction arm            | 150 mm                 |
| Length of exhaust arm              | 7 m                    |
| Compressed air reservoir           | 25 l                   |
| Capacity Dust collection container | 11 l                   |

## Properties

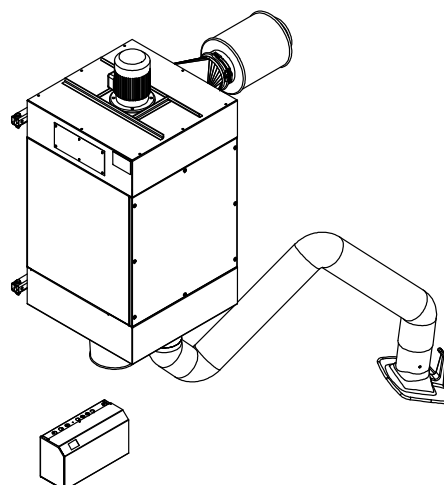
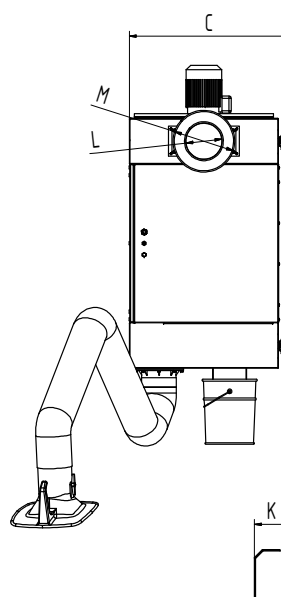
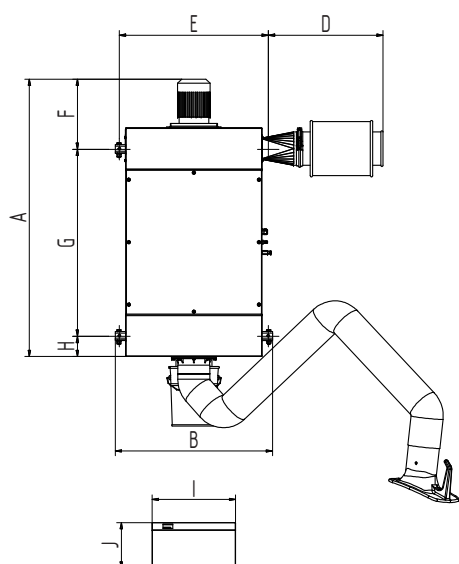
- 360 degrees rotating exhaust hood with damper
- Automatic filter cleaning, pressure-controlled
- KemTex® ePTFE filter cartridges
- Arm from 5 m with boom
- Available with two arms
- Silencer
- Control box

## Accessories

- Automatic start-stop
- Workplace lighting incl. on/off switch at the hood



Suitable for alveole exchangeable dusts  
separation > 99 % of particles < 0,4 µm



## Technical Data

### Dimensions

|   |         |
|---|---------|
| A | 1332 mm |
| B | 755 mm  |
| C | 701 mm  |
| D | 551 mm  |
| E | 715 mm  |
| F | 337 mm  |
| G | 898 mm  |
| H | 97 mm   |
| I | 400 mm  |
| J | 218 mm  |
| K | 151 mm  |
| L | 158 mm  |

Dimensions

|   |        |
|---|--------|
| M | 271 mm |
|---|--------|