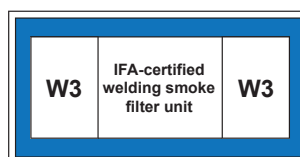


WeldFil

Art. No.: 34 110



Applications

- High levels of smoke and dust
- Training centres and robotic welding lines
- Laser, plasma and flame cutting systems
- Can be installed outdoors
- Welding and grinding shops

Benefits

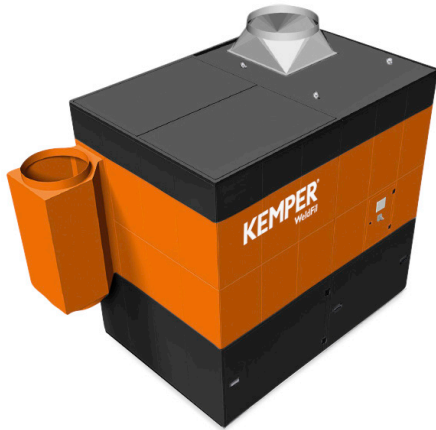
- Contamination-free dust collection due to compressed air fixation of dust collection containers
- Uninterrupted continuous operation due to automatic differential pressure-controlled filter cleaning
- Little noise emission due to a low noise level
- Expandable due to simple modular construction
- Considerable energy cost savings by using the automatic extraction volume control
- Convenient operation due to intelligent control via touch screen with diagnostic system
- Flexible integration of the control system into third-party systems such as cutting equipment due to potential-free contacts
- Best health protection for employees by use of KemTex® ePTFE cartridges with surface filtration

Properties

- Automatic filter cleaning, pressure-controlled
- Control via touch screen
- KemTex® ePTFE filter cartridges
- Dust collection container with pneumatic lifting device
- Modular design
- Automatic extraction volume control (optional)

Accessories

- Automatic dust disposal - DustEvac
- Automatic extraction volume control
- External On/Off
- Fleet management, remote maintenance and pre-noise maintenance using autarkic networking via mobile radio to the KEMPER cloud
- Spark separator – SparkTrap
- Weatherproof housing for outdoor installation



Technical Data

Filter

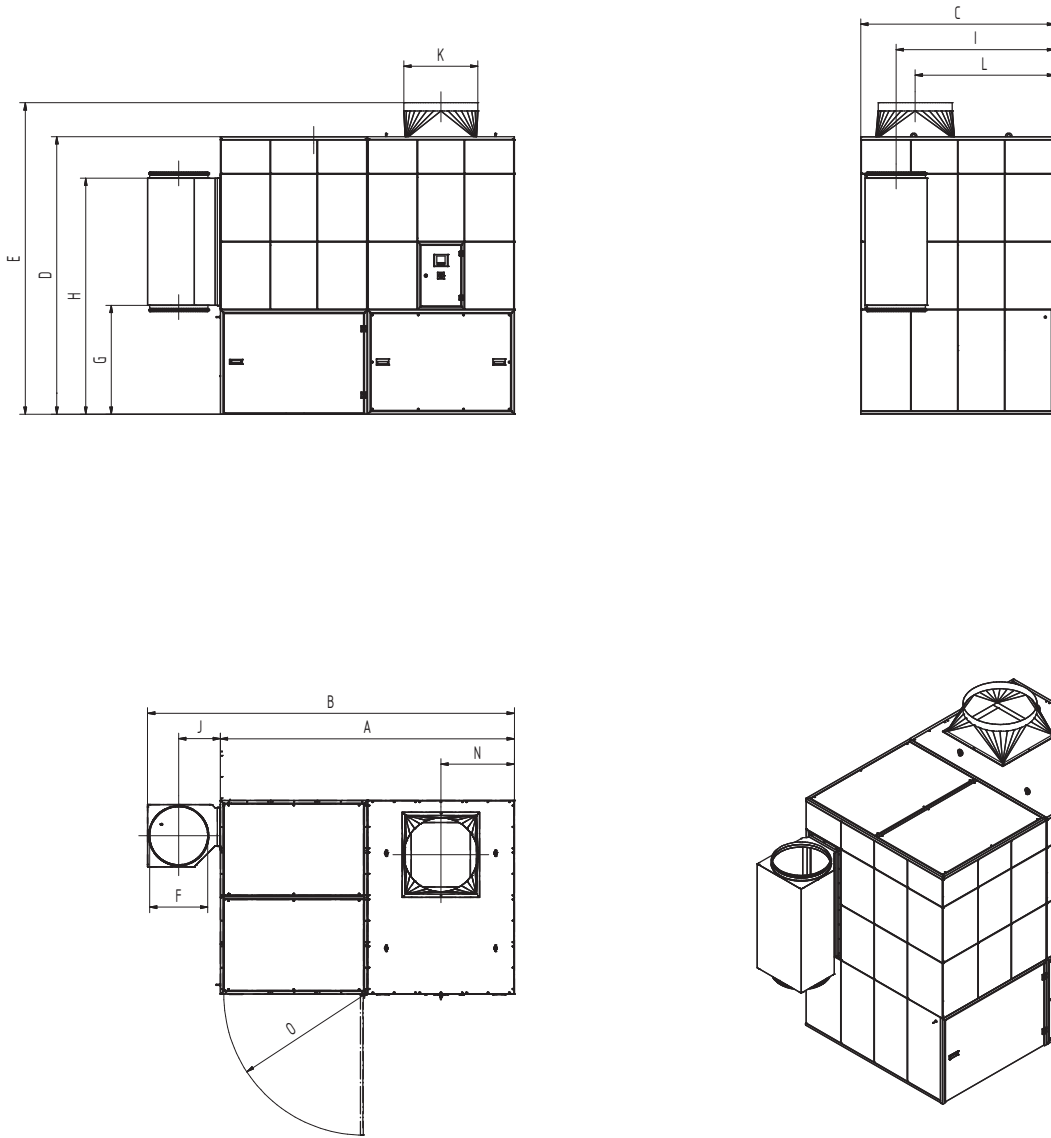
| | |
|------------------------|--------------------|
| Filter stages | 1 |
| Filter method | Cleanable filter |
| Filter cleaning method | Rotating nozzle |
| Filter surface | 20 m ² |
| Number filter elements | 7 |
| Filter surface total | 140 m ² |
| Type of filter | Filter cartridge |
| Filter material | ePTFE membrane |
| Filter efficiency | > 99.99 % |
| Dust classification | M |

Basic data

| | |
|---------------------|--------------------------------|
| Extraction capacity | 7500 - 10800 m ³ /h |
| Vacuum | 2450 - 1750 Pa |
| Weight | 1550 kg |
| Motor power | 11 kW |
| Power supply | 3 x 400 V / 50 Hz |
| Rated current | 20.6 A |
| Noise level | 65 dB(A) |

Additional information

| | |
|------------------------------------|-------------------------|
| Fan type | Radial fan, belt driven |
| Compressed air supply | 5 - 6 bar |
| Air outlet | 560 mm |
| Air intake | 560 mm |
| Capacity Dust collection container | 192 l |



Technical Data

Dimensions

| | |
|---|---------|
| A | 2826 mm |
| B | 3526 mm |
| C | 1864 mm |
| D | 2670 mm |
| E | 3020 mm |
| F | 560 mm |
| G | 1047 mm |
| H | 2271 mm |
| I | 1524 mm |
| J | 400 mm |
| K | 560 mm |
| L | 1341 mm |
| N | 707 mm |
| O | 1347 mm |

The shown transition pieces are optional

Pressure-volume graph

- Fan characteristic curve
- Working pressure increase
- ▨ Recommended Use

