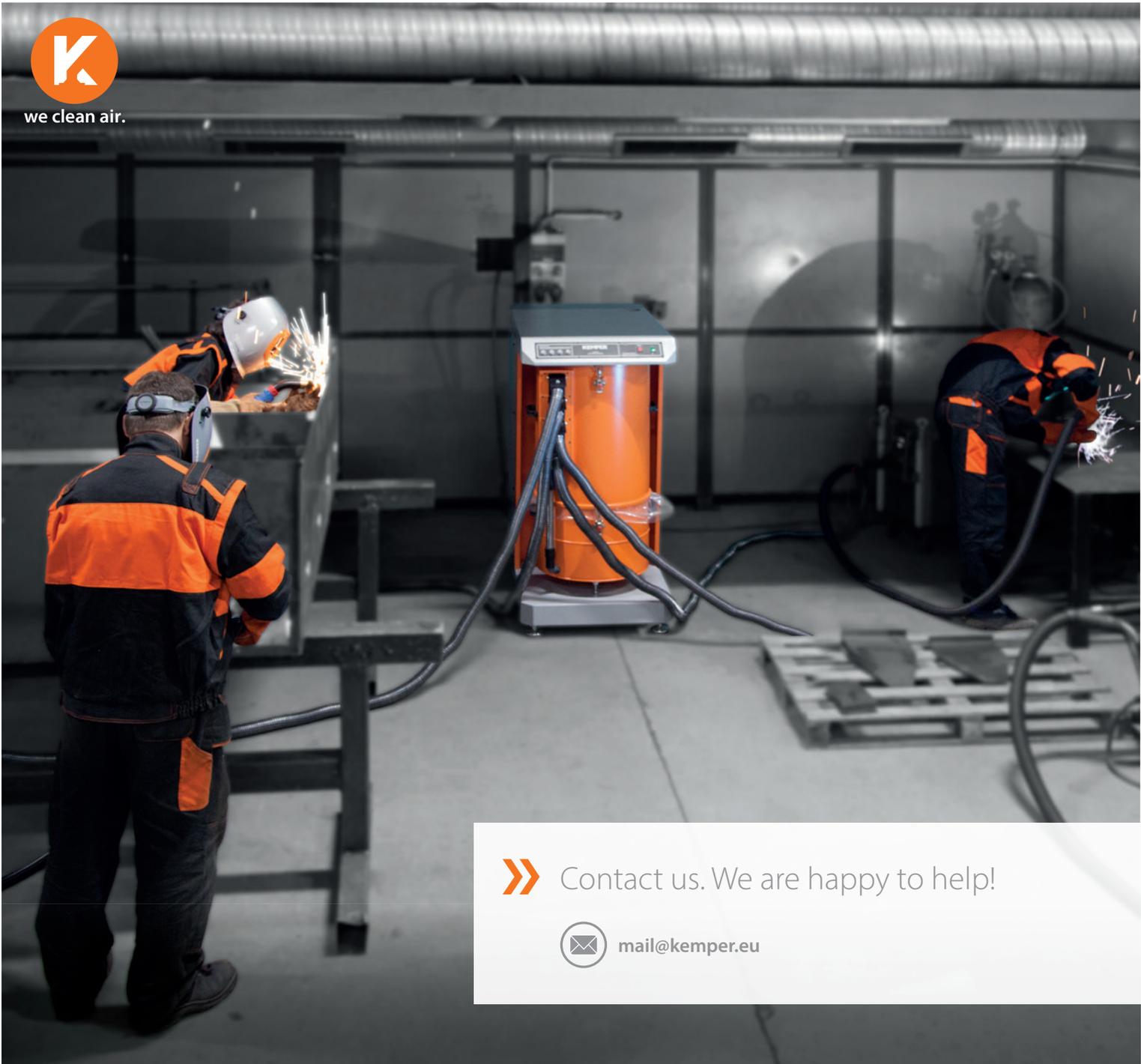




we clean air.



Contact us. We are happy to help!



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High vacuum extraction unit for welding fumes

www.kemper.eu

KEMPER®

»» VacuFil 125 torch extraction



Highlights:

- »» Automatic extraction capacity control
- »» Torch selection via touch display
- »» Fleet management and remote maintenance via cloud system with **KEMPER** Connect
- »» Uninterrupted continuous operation due to automatically controlled filter cleaning
- »» Solid industrial quality with side channel compressor



The **VacuFil 125** single-place high vacuum extraction unit for large quantities of welding fumes and dust is ideally suited for permanent use for torch-integrated extraction during welding due to its automatic filter cleaning. A side channel blower for vacuum generation ensures robust performance for industrial users. The automatic extraction capacity regulation ensures the optimum operating point for a wide variety of flue gas extraction torches.

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» MiniFil

High vacuum filter unit for on-torch extraction with contamination free filter change

Trolley fittings

Ideal for changing workplaces due to its low weight and optional trolley



Automatic start-stop

Energy-saving operation due to integrated start/stop function



Applications

- » Also suitable for high-alloy steel
- » Medium levels of smoke and dust
- » Occasional to frequent use
- » Nozzles, funnel and torch extraction

Properties

- » Stepless speed control
- » Safe filter change
- » Automatic start/stop for alternating current
- » Spark separator

Benefits

- » Increased safety with contamination-free filter change
- » Optimal adjustment to the welding process with stepless speed control

Accessories

- » Trolley
- » Various hose lengths
- » Various extraction nozzles



The compact MiniFil high-vacuum extraction unit for medium amounts of smoke and dust ensures high mobility for frequently changing workplaces. MiniFil is suitable for torch extraction or extraction with funnel nozzles and slit nozzles. The integrated automatic start/stop for the alternating current and the contamination-free filter replacement make the MiniFil especially simple and safe to use.

Technical Data

Article number	65 150
Filter	
Filter stages	3
Filter method	Disposable filter
Filter surface	12 m ²
Type of filter	SafeChangeFilter
Filter material	Non-woven polyester
Filter efficiency	> 99 %
Filterclass	H13
Additional filters	Cyclone pre-filter
Additional filters	Pre-filter (aluminum)

Basic data	
Extraction capacity	150 m ³ /h
Weight	20 kg
Turbine	2pce. each 1kW
Motor power	2 kW
Power supply	1 x 230 V / 50 Hz
Rated current	10 A
Control voltage	24 V, DC
Noise level	74 dB(A)
Additional information	
IFA-Certification	W3-Approved
Fan type	Suction turbine
Hose connection	Ø 45 mm



» Dusty

Lightweight high vacuum extraction unit with a manually cleanable filter

High vacuum extraction unit with two suction nozzles for sporadic use, for example, in repair work or for mobile use with low to medium amounts of dust. The manually cleanable KemTex® ePTFE filter cartridge makes the unit particularly economical.

Health protection for employees

Thanks to use of KemTex® ePTFE filter cartridges with surface filtration

Portable and mobile

For mobile use due to light weight



Applications

- » Low to medium levels of smoke and dust
- » Nozzles, funnel and torch extraction
- » Repair work
- » Alternating work places

Properties

- » Cleanable filter, manual
- » Cleaning indicator
- » Two suction nozzles

Benefits

- » Best health protection for employees by use of KemTex® ePTFE filter cartridges with surface filtration
- » Optimal adjustment to the welding process with stepless speed control

Technical Data

Art. No.	63 100
Filter	
Filter stages	1
Filter method	Cleanable filter
Filter cleaning method	Manual
Filter surface	1.35 m ²
Type of filter	Filter cartridge
Filter material	ePTFE membrane
Filter efficiency	> 99.9 %
Dust classification	M
Basic data	
Extraction capacity	260 m ³ /h
Dimensions (w x d x h)	300 x 360 x 641 mm
Weight	24 kg
Motor power	1,6 kW
Power supply	1 x 230 V / 50 Hz
Rated current	8.7 A
Noise level	74 dB(A)
Additional information	
Fan type	Suction turbine
Hose connection	Ø 2 x 45 mm



» Reliably protected with extraction technology and work safety equipment by KEMPER

» VacuFil 125

For single workspaces with automatic extraction capacity regulation

Fleet management and remote maintenance

via Cloud system with KEMPER Connect*



Dust collection container

Contamination-free dust disposal in one-way containers

Applications

- » High levels of smoke and dust
- » Non-stop operation
- » Torch extraction

Properties

- » Side channel compressor
- » KemTex® ePTFE filter cartridges
- » KEMPER-Cloud connection via mobile radio*
- » Automatic filter cleaning, pressure-controlled
- » Control via touch panel

Benefits

- » Comfortable flue gas extraction torch selection via touch display with automatic extraction capacity regulation
- » Fleet management, remote maintenance and predictive maintenance using autarkic cloud networking via mobile communications

Technical Data

Article number	82 400
Filter	
Filter stages	2
Filter method	Cleanable filter
Filter cleaning method	Rotating nozzle
Filter surface	4 m ²
Type of filter	Filter cartridge
Filter material	ePTFE-membrane
Filter efficiency	> 99.9 %
Dust classification	M

Basic data	
Extraction capacity	125 m ³ /h
Dimensions (w x d x h)	635 x 885 x 1120 mm
Weight	130 kg
Motor power	1.5 kW
Power supply	1 x 230 V / 50 Hz
Rated current	5.8 A
Noise level	66 dB(A)
Additional information	
Fan type	Side channel blower
Compressed air supply	5 - 6 bar
Hose connection	Ø 45 mm
Air outlet	63 mm

*Cloud function: Cloud use 12 months free of charge.

» VacuFil 500

High vacuum welding smoke extraction unit for up to four workstations

The high vacuum suction and welding smoke extraction filter unit for high levels of smoke and dust is ideal for non-stop operation due to automatic filter cleaning. A side channel compressor for vacuum generation ensures robust performance for industrial users. In addition to up to four individual work stations, depending on the version, it can also be connected to a central pipe system.



Robust performance

Features a side channel compressor for vacuum generation

Applications

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

Properties

- » Automatic filter cleaning, pressure-controlled
- » Dust collection container
- » Filter monitoring
- » KemTex® ePTFE filter cartridges

Benefits

- » High efficiency due to automatic filter cleaning
- » Uninterrupted continuous operation due to automatically controlled filter cleaning

Technical Data

Filter	
Filter stages	1
Filter method	Cleanable filter
Filter cleaning method	Rotating nozzle
Filter surface	10 m ²
Type of filter	Filter cartridge
Filter material	ePTFE membrane
Filter efficiency	> 99.9 %
Dust classification	M
Basic data	
Extraction capacity	500 m ³ /h
Dimensions (w x d x h)	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

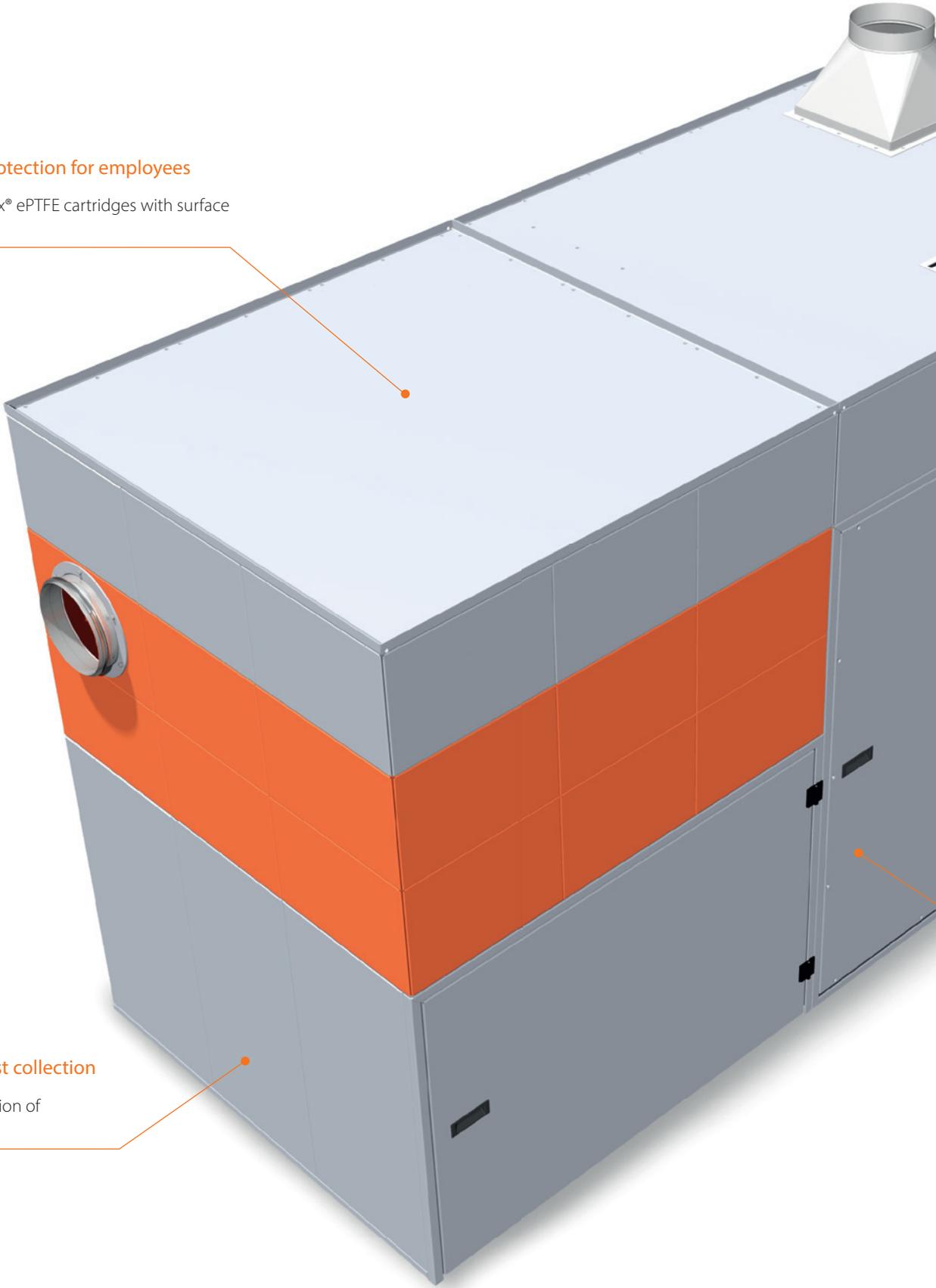
Art. No	Description
82 755	1 duct connection NW 100 mm, 4 duct connections NW 45 mm
82 756	1 duct connection NW 100 mm, 4 duct connections NW 45 mm and automatic extraction capacity regulation

» WeldFil HV

High vacuum welding fume extraction system for many workstations and maximum performance

Best health protection for employees

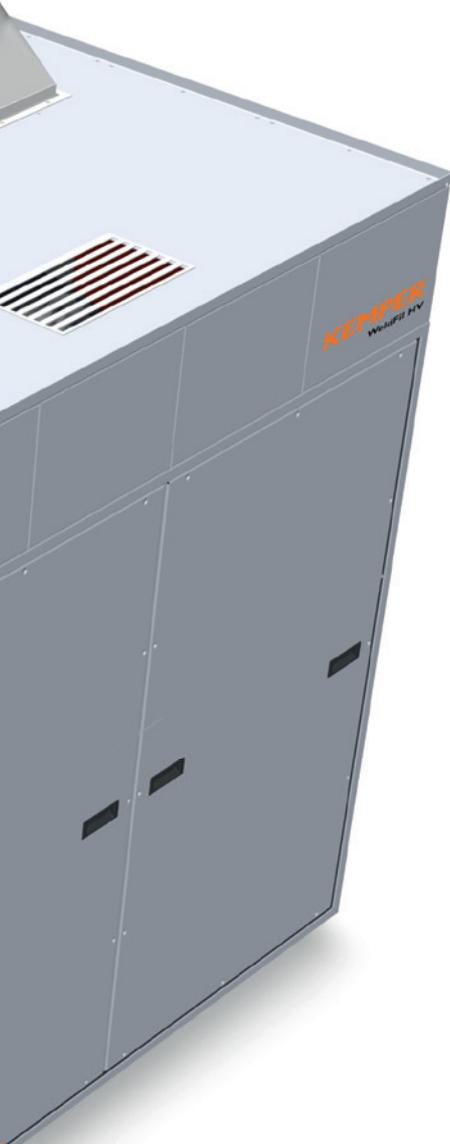
by use of KemTex® ePTFE cartridges with surface filtration



Contamination-free dust collection

due to compressed air fixation of dust collection containers

Robust, reliable and solid - the central high vacuum welding smoke extraction and filter system for high levels of smoke and dust. Designed for welding torch fume extraction in large welding shops or training centres. The KemTex® ePTFE membrane filter cartridges for ultra-fine dust particles separate particles even below 0.1 µm.



Considerable energy cost savings

by using the optional extraction capacity regulation with demand-based speed control

Applications

- » High levels of smoke and dust
- » Welding torch extraction, nozzles and high vacuum exhaust arms
- » Can be installed outdoors
- » Large welding shops or training centres

Properties

- » Automatic filter cleaning, pressure-controlled
- » Control via touch screen
- » KemTex® ePTFE filter cartridges
- » Dust collection container with pneumatic lifting device
- » Modular design

Benefits

- » Uninterrupted continuous operation due to automatic differential pressure-controlled filter cleaning
- » 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

Accessories

- » Automatic dust disposal – DustEvac
- » Automatic extraction capacity regulation
- » External On/Off
- » Spark separator – SparkTrap
- » Weatherproof housing for outdoor installation

Art. No	Extraction capacity	Vacuum	Filter surface total	Motor power	Dimensions (WxHxD)
91 0330 030	1,650 - 2,376 m³/h	13,000 - 16,000 Pa	30 m³	22 kW	2,375 x 2,015 x 1,413 mm
91 0400 040	2,000 - 2,880 m³/h	13,000 - 15,500 Pa	40 m³	30 kW	2,826 x 2,015 x 1,413 mm
91 0450 060	2,250 - 3,240 m³/h	10,500 - 20,000 Pa	60 m³	37 kW	3,277 x 2,015 x 1,413 mm

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