

## Operating instructions (original)

### ME 12

Type 565



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# 1 Product and manufacturer

## 1.1 Product

This operating manual describes the following product:

Dust extractor ME 12.

Serial number:

## 1.2 Manufacturer

Name and address	deconta GmbH Im Geer 20 46419 Isselburg
	
Phone	0287491560
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E-mail	info@deconta.com
Internet	www.deconta.com

## 1.3 Change index

Date	Version	Change	Responsible
27.09.2023	2	Complete revision	Thomas Boland

## 2 About these operating instructions

For proper and safe use of the machine, follow the descriptions and recommended actions in these operating instructions.

Keep this manual for future reference until the machine has been disposed of.

### 2.1 Purpose

These operating instructions contain information on the safe, trouble-free and economical use of the machine.

This information is intended for persons who perform tasks with or in connection with the machine.

The following table gives an overview of persons and tasks.

Person	Task
Operator	<< Machine-specific >>
Occupational safety specialist	<ul style="list-style-type: none"> <li>• Carry out a risk assessment</li> <li>• Create operating instructions</li> <li>• Instruct people</li> </ul>
Maintenance staff	Maintenance of the mechanics
Electrician (EFK)	Installation and maintenance of electrical equipment
Electrician with additional qualification (EFK ZQ)	Installation and maintenance of electrical equipment with additional qualification, e.g. working under voltage
Pneumatics specialist	Installation and maintenance of pneumatic equipment
Freight forwarder	Off-site transport of the machine
Conveyor	Internal transport of the machine
Disposer	Dispose of the machine in a legally compliant, proper and professional manner.

### 2.2 Availability

The operator shall make these operating instructions or extracts thereof available to persons who perform tasks with or in connection with the machine.

The operator keeps these operating instructions or extracts thereof within easy reach in the immediate vicinity of the machine.

When handing over the machine to another person, the operator passes these operating instructions on to that person.

### 2.3 Warnings

These operating instructions contain warnings of residual dangers.

The classification of the warnings is based on the severity of the damage that can occur if

the warnings are disregarded and recommended actions are not followed.

### 2.3.1 Warning words and warning colours

Warnings are introduced with one of the following warning words and marked with a corresponding signal colour.

Warning word	Meaning	Warning colour
DANGER	Consequence for non-compliance: Death or most serious injuries.	
WARNING	Consequence for non-compliance: Death or most severe injuries possible.	
CAUTION	Consequence for non-compliance: Severe or minor injuries possible.	
NOTE	Consequence for non-compliance: Property damage or environmental damage possible.	
SAFE ACTIVITY	Implement the following action guide.	-

### 2.3.2 Structure

Warnings are structured according to the SAFE method:

<b>S</b>	Warning word (DANGER; WARNING, CAUTION or NOTE)
<b>A</b>	Nature and source of the hazard Description of the hazard and the cause of the hazard
<b>F</b>	Follow Description of the possible consequences for humans, animals and the environment that may occur as a result of the hazard.
<b>E</b>	Escape Recommendations for action on how to avoid hazards

## 2.4 Symbols

The following symbols are used in these operating instructions.

### 2.4.1 Warning sign

The warning sign is a safety sign that warns of a risk or danger.

The following table gives an overview of warning signs used and their meaning.

Symbol	Meaning	Symbol	Meaning
	General warning sign		Hot surface warning
	Warning of electrical voltage		

### 2.4.2 Instruction sign

The instruction sign is a safety sign that prescribes a certain behaviour.

The following table gives an overview of the instruction signs used and their meaning.

Symbol	Meaning	Symbol	Meaning
	Wear safety shoes		Use hand protection
	Use hearing protection		Use protective clothing

### **3 Description of the machine**

This section contains information for understanding the machine.

#### **3.1 General description**

##### **Product description**

The dedusting system was designed and built by deconta GmbH, Im Geer 20, 46419 Isselburg.

The mobile deconta dust removal unit with regenerable filter system (automatic cleaning) and HEPA filters is designed for universal application of dust disposal measures such as facade cleaning, boiler cleaning, concrete renovation, demolition and sandblasting work.

Dust collection (via hoses) directly at the dust source prevents costly disruptions and downtimes (annoyed neighbours, official directives) and protects the health of employees. Qualitative dust collection enables parallel work to be carried out.

Dust sources are extracted by the mobile dust extractor via flexible hose lines. The dust separated by the filter system is collected in the dust bunker.

##### **How the filter system works**

###### **regenerative filter stage**

The captured fine dust is deposited on the filter surface and forms the "filter cake" (coating). An automatically operating jet cleaning system ensures that the filters are cleaned during operation. The Venturi nozzles draw in outside air via their suction effect and "shoot off" the filter cake, acting from the inside to the outside. The cleaned dust is collected in the dust bunker and can be removed from there.

###### **HEPA filter stage (dust-retaining filter stage)**

Capture of suspended particles that cannot be captured by the regenerative filter stage. HEPA filter according to EN 1822 Klasse H13 or H14.

### **3.2 Scope of delivery**

The delivery scope of the machine includes the following items:

- Dust extractor ME 12
- Regenerative filters
- HEPA filter
- These operating instructions

### **3.3 Return delivery after termination of a lease**

For the protection of our customers and in terms of dangerous goods transport regulations, we must insist on the following return delivery conditions:

- As listed above
- Thoroughly cleaned (ready for use)
- Without residual fibre encapsulation
- Without damage

### **3.4 Operating modes**

#### **3.4.1 Available operating modes**

##### **Type of use**

The product is intended exclusively for use in the following types of use.

Use for other types of use is not in accordance with the intended use.

##### **User groups**

- Commercial or industrial users

##### **User environment**

- Outdoors
- On covered areas
- In rooms closed on all sides

##### **Operating modes**

Operating modes for use

- Automatic mode
- manual operation

### **3.5 Interfaces**

This section contains information about interfaces.

The following interfaces are available on the machine:

##### **Interfaces**

- Man - Product: Control panel
- Product - Power supply: Electrical power supply 400 V
- Product - Material feed: Connecting piece for contaminated air
- Product - waste products: Dust bunker

### 3.6 Nameplate

The type plate contains information for identifying the machine.

#### 3.6.1 Content

The following illustration shows the type plate.



#### 3.6.2 Position

The type plate is lasered on the control panel.

## **4 Technical data**

### **4.1 Connections, mass and weights**

Power connection:	400V 32A 3 N PE
Hose connection dust extractor:	2 x 300 mm
Length (incl. drawbar):	approx. 5200 mm
Width:	approx. 2000 mm
Height:	approx. 2010 mm
Weight:	approx. 1400 Kg

### **4.2 Noise emission**

Sound pressure level: max. 87 dB(A) at 100% output

### **4.3 Performance data dust extractor**

Extraction air volume:	up to 12000 m <sup>3</sup> /h
Suction speed:	up to 25 m/s
Bunker volume:	approx. 0.5 m <sup>3</sup>
Shock valves G1:	12 pieces
Control system:	electr. 12 channels
cleaning:	continuous
Operating pressure:	4.5 bar

## 5 Security

This section contains information on the protection of humans, domestic and farm animals and the environment.

### 5.1 Intended use

The product is intended exclusively for the following use:

Dust collection system for the collection of mineral, metallic and other dry fine and coarse dust in the air.

Any other use is not an intended use.

The unit is not suitable for filtering flammable gases or dusts.

The user must comply with the operating parameters specified in the operating instructions. The unit may only be used in accordance with its intended purpose. Any other use beyond this is not in accordance with the intended use. The user is liable for any resulting damage or injury of any kind.

#### Authorised persons

The following persons are authorised to handle the product:

- Specialist staff
  - Task: Maintenance and servicing
  - Qualification: trained specialist personnel (locksmith, industrial mechanic, electrician) with knowledge and experience in handling the machine.
- Operating personnel
  - Task: Operation
  - Qualification: training, information through operating instructions

Any other use is not in accordance with the intended use.

#### Range of application

- Industry sector
- Commercial area

Use in other areas of application is not as intended.

## 5.2 Misapplication

Use of the machine for the following purposes is not permitted:

### **Reasonably foreseeable misuse**

- Any application other than that described in the operating instructions
- Any use of the machine other than that described under "Intended use" without the written consent of the manufacturer.
- Operation outside the technical limits of use
- Unauthorised modifications or conversions as well as manipulation
- Use, installation, operation, maintenance or repair in a manner other than described
- Carrying out work by unqualified personnel
- Use of unsuitable or incompatible materials, operating or auxiliary materials or accessories.
- Non-compliance with safety and operating instructions, occupational health and safety or accident prevention regulations or relevant statutory regulations.
- Failure to promptly rectify faults that may affect safety
- Use of other than original spare parts or accessories that are not equivalent in quality and function.
- Operating the machine in a technically unsound condition, not being aware of safety and hazards and not observing all instructions in the documentation.

### 5.3 Tasks and qualification of the staff

<b>Person</b>	<b>Task</b>	<b>Required qualification</b>
Operator	<< Machine-specific >>	Instruction, training
Occupational safety specialist	<ul style="list-style-type: none"> <li>• Carry out risk assessment</li> <li>• Create operating instructions</li> <li>• Instruct people</li> </ul>	Completed training as an occupational safety specialist with timely experience with machines
Electrician	Installation and maintenance of electrical equipment	Person with appropriate training, suitable education, timely experience and knowledge of the relevant regulations, enabling him/her to recognise risks and avoid hazards that may be caused by electricity.
Pneumatics specialist	Installation and maintenance of pneumatic equipment	Person with appropriate training, suitable education, timely experience and knowledge of the relevant regulations, enabling him/her to recognise risks and avoid hazards that may arise from pneumatics.
Conveyor	Transport of the machine	Person with suitable training, education, timely experience and knowledge of the relevant regulations that enables them to transport machinery safely.
Disposer	Dispose of machine	Qualified waste management company for legally compliant, proper and professional disposal of the machine

#### **5.4 Notes on occupational health and safety**

The operator of the machine is responsible for the implementation of the occupational health and safety obligations. The health and safety regulations of the country in which the machine is used apply.

The duties include, but are not limited to, the following:

- Provide these operating instructions or extracts to persons who carry out tasks with or in connection with the machine.
- Make the applicable documents available to these persons
- Instruction of the persons with regard to the intended use and misuse
- Instruction of persons with regard to protective devices and supplementary protective devices
- Instruction of persons with regard to residual risks

This list is not exhaustive and does not claim to be complete.

## 6 Transport

This section contains information on transporting the machine.

Transport is the change of location of the machine by manual or technical means.

### 6.1 Loss of warranty claims

The manufacturer's warranty is void in the following cases:

- In the event of changes to the machine that have not been agreed with the manufacturer
- If the transport is not carried out properly

#### 6.1.1 Legislation

The machine is transported in accordance with the legislation of the country in which the machine is transported.

#### 6.1.2 Qualification of the staff

Persons transporting the machine must meet the following requirements:

Person	Required qualification
Freight forwarder	Completed training in transport and experience in off-site transport of machinery
Logistician	Completed training and experience in the internal transport of machines

#### 6.1.3 Warning of residual risks



Crushing hazard: Wear safety shoes to protect against running over limbs.

### 6.2 Operation in road traffic

Vehicle class:

Trailers of vehicle category O2, 750 kg to 3,500 kg permissible gross weight

Coupling system:

Ball head coupling Ø 50 mm according to 9420/EC

Electrical connection on the towing vehicle:

Plug connection 13-pole, according to ISO 11446

Operating limits:

Size, type and equipment determine the tare weight and drawbar load of a trailer when it is delivered from the factory. Loading or unloading by the user changes the drawbar load and weight. The following operating limits must not be exceeded or fallen short of:

Permitted maximum speed:	80 km/h
Permissible drawbar load:	maximum 75 kg
Permissible roof load:	none

Driving in stormy and gusty conditions is prohibited.

National laws governing the operation of the trailer in road traffic must be observed with priority over the information in these operating instructions.

### **6.3 Checks before each journey**

- Trailer checked for completeness, loose parts and intactness?
- Ball head audibly and visibly engaged?
- Breakaway rope flipped?
- Drawbar support wheel raised and secured?
- Electrical connection established?
- Handbrake released?
- Chocks removed?
- Lighting equipment checked?
- Tyres and air pressure checked?
- All flaps closed and secured?
- Roof free of snow and ice?

Before each journey, check by test braking whether:

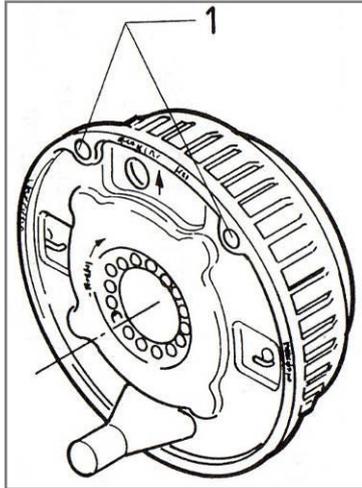
- the overrun brake works,
- the brakes react evenly and
- the trailer stays on track when braking.

Be prepared for a changed driving behaviour when driving with a trailer: larger vehicle width, lower acceleration capacity and a longer braking distance!

Have defects in the brake system repaired immediately by an authorised specialist workshop.

## 6.4 Regular checks and maintenance

### 6.4.1 Axis



After 1500 km or 6 months

- Check the axial play of the wheel hub bearing and have it readjusted if necessary.

Every 10000 km or 12 months

- Check the lining wear of the wheel brakes at the inspection hole (see Fig. 18) and have them readjusted if necessary. The trailer brake is subject to greater wear during continuous uphill travel. Earlier adjustment may be necessary for utility trailers.
- Check grease quantity and grease condition of taper roller bearings and have them renewed if necessary.

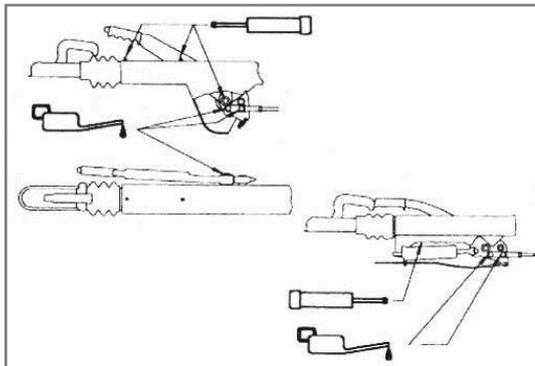


**Have the regular checks carried out.**

**All maintenance work should only be carried out by trained personnel in specialist workshops or service stations.**

Please also observe the corresponding operating instructions from AL-KO Fahrzeugtechnik.

#### 6.4.2 Overrun device

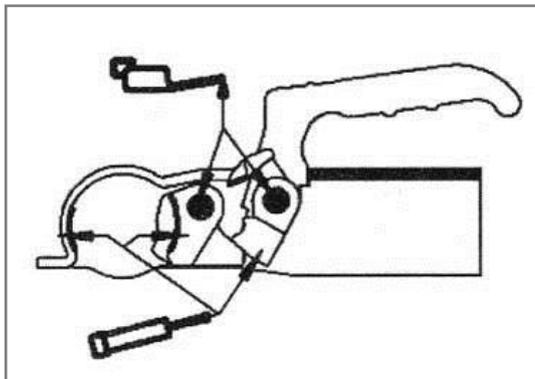


Every 10000 - 15000 km or 12 months

- Lubricate or oil the sliding and joint points of the overrun device. See illustration for lubrication points.

Please also observe the corresponding operating instructions from AL-KO Fahrzeugtechnik.

#### 6.4.3 Coupling head



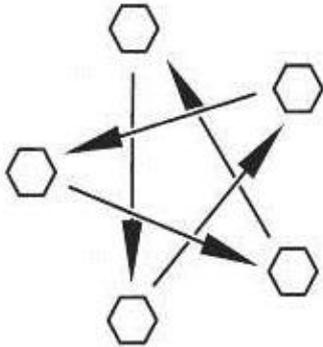
Weekly or in case of obvious soiling

- Check the ball coupling and clean if necessary. Grease or oil the ball cup, joints and bearing points. See illustration for lubrication points.

Please also observe the corresponding operating instructions from AL-KO Fahrzeugtechnik.

6.4.4 Wheels, tyres and wheel change

- Check tyres regularly for even tread wear, tread depth and external damage. Observe the minimum tread depth prescribed by law.
- Only use tyres approved for the rim type (see vehicle registration document).
- Always use tyres of the same type, make and design (summer or winter tyres).



- Tighten wheel nuts crosswise.
- Tightening torque 90 - 110 Nm.
- Check again on the first journey after approx. 100 km.
- Regularly check the tyre pressure of the cold trailer tyres before driving.

Tyres	Air pressure in bar
195 / 50 B 10	6,0

The air pressure value applies to the cold tyre. The trailer is continuously adapted to the latest technical status. It is possible that new tyre sizes are not yet included in this table. In this case, deconta will be happy to provide the latest values.

#### 6.4.5 Wheel change

- The trailer must stand on level, firm and non-slip ground.
- Use a jack to change the wheel.
- Before lifting the trailer, the parking brake must be firmly applied.
- Secure the vehicle with wheel chocks on the opposite side to prevent it from rolling away.
- Only use the jack at the designated and marked points. Note the weight!



- Do not place under the raised trailer.
- The use of rims and / or tyres that are not approved for the trailer may impair road safety.

#### 6.4.6 Transport / trailer, support and axle load

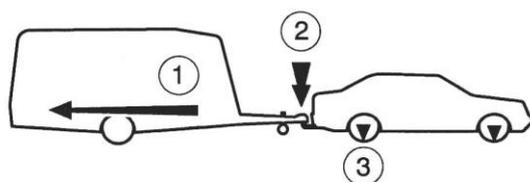
Important for the choice of vehicle and trailer are specifications listed in the vehicle documents and defined in the operating limits.

The specified towing capacity of the towing vehicle provides information about the maximum weight the towing vehicle is allowed to tow.

The drawbar load indicates the force with which the drawbar of the trailer may press on the trailer coupling of the towing vehicle. The maximum permissible drawbar load must not be exceeded, and the minimum drawbar load must not be undercut.

The trailer may only be transported with vehicles that can demonstrate the drawbar load on the trailer coupling specified in the operating limits.

The axle load indicates the maximum permissible load for the front and rear axle of the towing vehicle and may not be exceeded by a trailer.



- 1 Towable load
- 2 Support load
- 3 Axle load

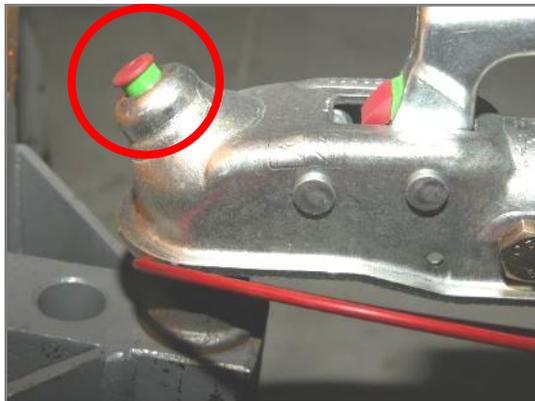
### 6.4.7 Coupling

- Move towing vehicle and trailer into position.
- Do not hitch trailer with applied brake.
- Position trailer hitch over trailer ball of towing vehicle using drawbar support wheel.
- Place the opened coupling (coupling handle pulled upwards) on the trailer ball of the towing vehicle by turning down the support wheel.
- The coupling handle now engages automatically and audibly (if necessary, press down additionally by hand); closing and securing is automatic.
- Hang the breakaway cable with a loop around the ball head of the towing vehicle's hitch.
- Turn the support wheel all the way up and lock it parallel to the direction of travel.
- Plug the trailer's lighting plug into the towing vehicle's socket; make sure that the connecting cable cannot drag across the ground.
- Check the lighting.
- Remove any chocks.
- Release the parking brake.



#### Checking the engagement indicator.

**It is only correctly coupled when the green area of the engagement indicator is visible. Make sure that the inside of the coupling is not dirty and that the moving parts of the coupling move smoothly.**



#### 6.4.8 Uncoupling

- Apply the trailer parking brake.
- Place the wheel chocks on the wheels.
- Remove the breakaway brake cable from the towing vehicle.
- Disconnect the lighting plug and insert it into the holder on the drawbar.
- Turn down the drawbar support wheel until it is firmly on the ground.
- Pull the clutch handle firmly upwards and release.
- Using the jockey wheel, raise the drawbar until the towing vehicle can be moved away without danger.

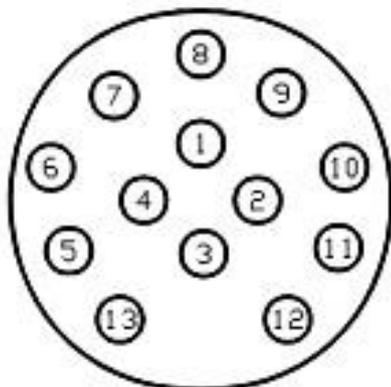
After uncoupling from the towing vehicle, make sure that:

- the trailer is parked on as straight and level a surface as possible.
- the trailer against unintentional rolling away even on slight inclines or declines
  1. is secured by the parking brake fitted to the drawbar and
  2. the wheels are secured by chocks.

#### 6.4.9 Reverse

With the automatic reversing system, reversing the trailer is possible without any problems. In addition to the rolling resistance, a residual braking force must be overcome.

6.4.10 Connecting diagram of the plug



Contact	Function	Cable colour	Cable cross-section
1	Direction indicator, left	yellow	1.5 mm <sup>2</sup>
2	Rear fog light	blue	1.5 mm <sup>2</sup>
3	Ground (contacts 1-8)	white	1.5 mm <sup>2</sup>
4	Direction indicator, right	green	1.5 mm <sup>2</sup>
5	Right tail light, clearance light, marker light	brown	1.5 mm <sup>2</sup>
6	Brake lights	red	1.5 mm <sup>2</sup>
7	Left tail light, clearance light, marker light, number plate light	black	1.5 mm <sup>2</sup>
8	Reversing light	grey	1.5 mm <sup>2</sup>

## **7 Assembly**

This section contains information on the safe assembly of the machine.

The dedusting system is delivered ready for operation ex works and is intended for immediate commissioning.

If there is visible damage, do not operate the unit. Contact deconta GmbH immediately.

### **7.1 Electrics**



The dust extractor is equipped with a 32 A surface-mounted appliance plug. It is connected to the electrical power supply with a CEE plug.

## 7.2 Pneumatics

For cleaning the filters, the unit has an internal compressor for short operations. For longer operations, an external compressed air supply is required.

The filter cleaning works automatically when the compressor, when the compressor and the cleaning are switched on. The compressor fills the pressure accumulator that operates the jet cleaning system.



External compressed air supply

## 8 Operation

This section contains information for the safe use of the machine.

### 8.1 Qualification of the staff

Persons using the machine must meet the following requirements:

Person	Required qualification
Operator	Instruction, training by the manufacturer

### 8.2 Warning of residual risks

	<p>Touching the cores of a damaged mains connection cable.</p> <p>Touching machine parts that have become live due to faulty conditions.</p>
	<p>Damage due to unsuitable mains voltage.</p> <p>The unit may be damaged if it is connected to an unsuitable mains voltage.</p> <p>Check whether the voltage indicated on the type plate corresponds to the local mains voltage.</p>
	<p>The following materials must not be filtered:</p> <ul style="list-style-type: none"> <li>▪ hot materials (smouldering cigarettes, hot ashes, etc.)</li> <li>▪ flammable, explosive, aggressive materials and dusts</li> </ul>

### 8.3 Personal protective equipment required

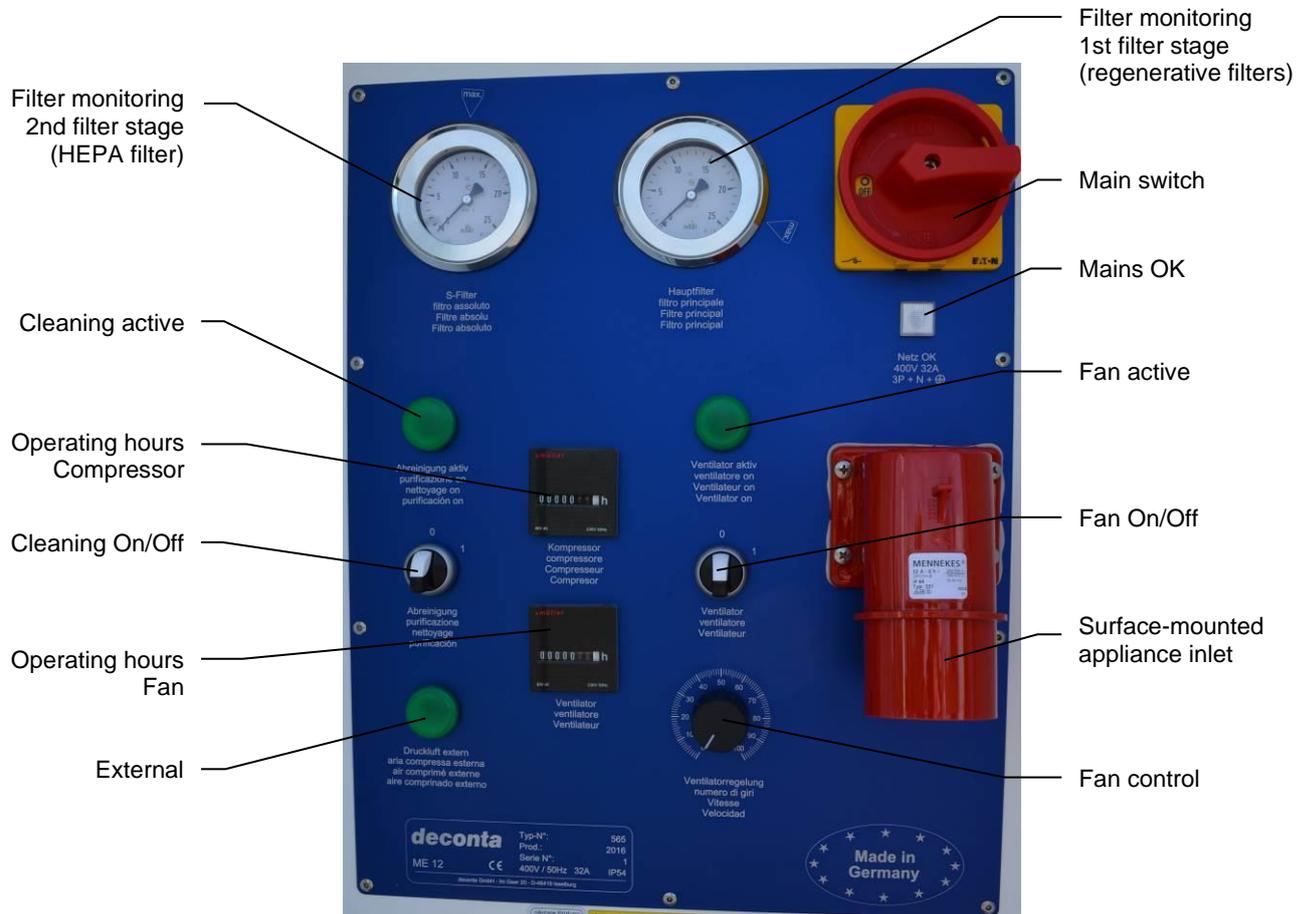
The following personal protective equipment is required for the use of the machine:

- Hearing protection in the vicinity of the machine

### 8.4 Number of persons

1 person is needed to use the machine

**8.5 Control panel**



## 8.6 Blow-out flap



Blow-out flap

**HINWEIS**

When operating the unit, open the blow-out flap!

**8.7 Switch on the system**

- Switch on the main switch, make sure that the "Mains OK" lamp lights up.
- Switch on the "Fan" switch ("Fan active" lights up) and wait until the motor has started up.
- Switch on the "cleaning" switch ("cleaning active" lights up). If an external compressor is connected, "External compressed air" lights up.
- Use the rotary control "Fan control" to set the desired output of the dust extractor.

**8.8 Switch off machines**

Switching off the machine involves the following steps:

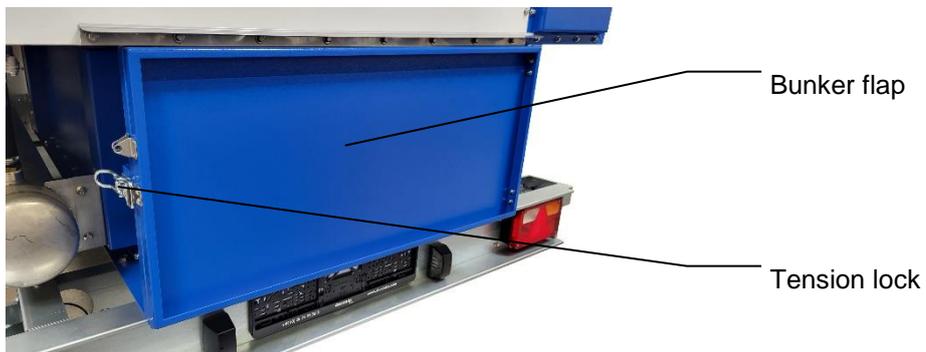
- Set the "Fan control" control dial to 0.
- Switch off the "cleaning" switch (switch position 0)
- Switch off the "fan" switch (switch position 0)
- Switch off the main switch).

## 8.9 Empty dust bunker

 **GEFAHR** Contaminated hazardous substances must only be disposed of in compliance with all relevant safety precautions.



Maintenance work may only be carried out by authorised persons wearing suitable protective clothing.



- Release the quick-release fastener.
- Open the bunker door.



- The bunker drawer can now be pulled out and the contents disposed of according to regulations.

## 9 Maintenance

This section contains information for the safe maintenance of the machine.

Maintenance includes all technical and organisational measures during the life cycle of the machine to ensure the safe, economical and functional condition of the machine and to prevent environmental damage.

### 9.1 Loss of warranty claims

The manufacturer's warranty will expire in the following cases:

- In the event of changes to the machine that have not been agreed with the manufacturer
- If maintenance is not carried out properly

### 9.2 Maintenance

Maintenance work, including changing / removing the filters, may only be carried out by authorised persons wearing suitable protective clothing.

For all repair and maintenance work, the unit must be completely disconnected from the power supply.

**We expressly refer to possible additional regional and national regulations when maintaining the appliance technology.**

The ventilation systems (dust extractors, industrial hoovers and devices used for ventilation or vacuum maintenance) must be maintained as required, but at least once a year, repaired if necessary and inspected by an equipment expert. The test result must be presented on request.

### 9.3 Warning of residual risks

 <b>GEFAHR</b>	<p><b>Contaminated filters may only be changed in compliance with all relevant safety precautions.</b>  <b>Change filters only when the unit is switched off. Only use approved filters.</b></p>
 <b>HINWEIS</b>	<p><b>Do not use residual fibre binders on the unit.</b></p>
	<p><b>Pull out the mains plug before opening the housing</b></p>

9.3.1 Personal protective equipment required



**Maintenance work, including changing / removing the filters, may only be carried out by authorised persons wearing suitable protective clothing.**

**9.4 Filter change information , regenerative filter stage (filter stage 1)**

The frequency of the filter change depends on the degree of contamination of the filters. With increasing filter occupancy (soiling of the filters), the air performance decreases.

For filter monitoring, the filter pressure is shown via a display (filter stage 1).

We recommend changing the filters when the MAX mark is reached.



Filter monitoring  
1st filter stage  
(regenerative filters)

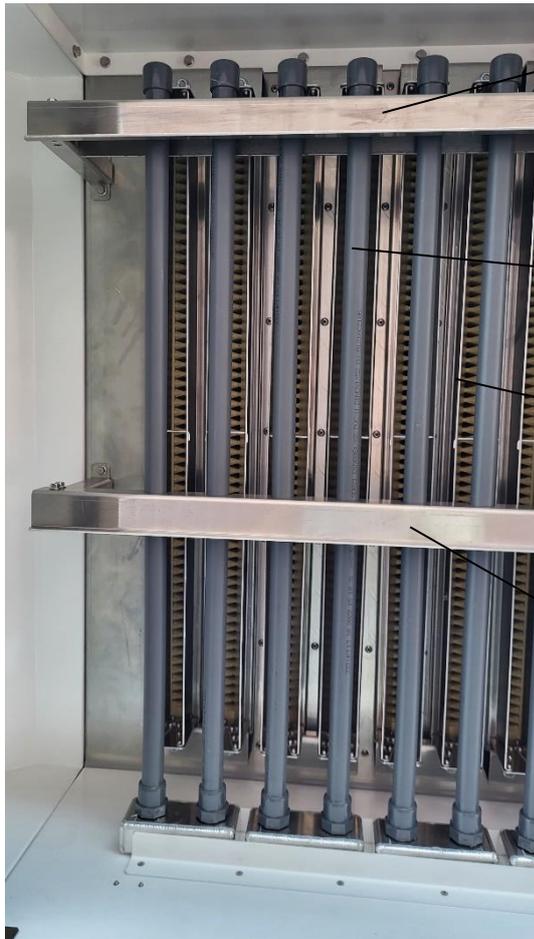
Experience shows that the service life of regenerative filters is several years under normal load.

9.4.1 Filter change, regenerative filter stage



Cover plate

- Dismantle the cladding panel



Holder blow-off pipes

Blow-off pipes

Injector nozzles

Holder blow-off pipes



Holder injector nozzles

- Unscrew the blow-off pipe holder
- Remove blow-off pipes
- Remove the injector nozzle holder (top and bottom).
- Remove injector nozzles
- the filter elements can now be removed

**HINWEIS**

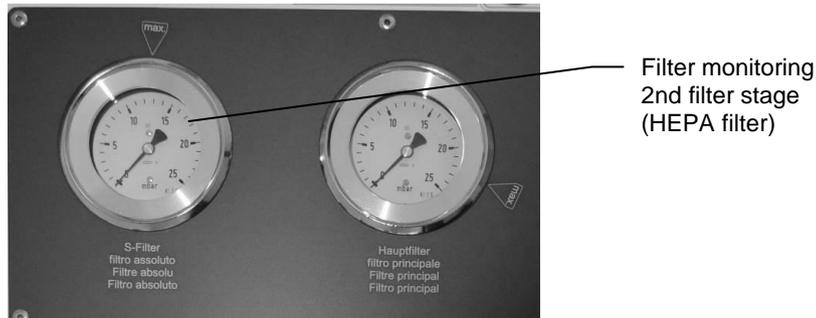
When reassembling the blow-off pipes, make absolutely sure that the holes in the blow-off pipes are directed towards the injector nozzles.

### 9.5 Information on filter change, HEPA filter stage (filter stage 2)

The frequency of the filter change depends on the degree of contamination of the filters. With increasing filter occupancy (soiling of the filters), the air performance decreases.

For filter monitoring, the filter pressure is shown via a display (filter stage 2).

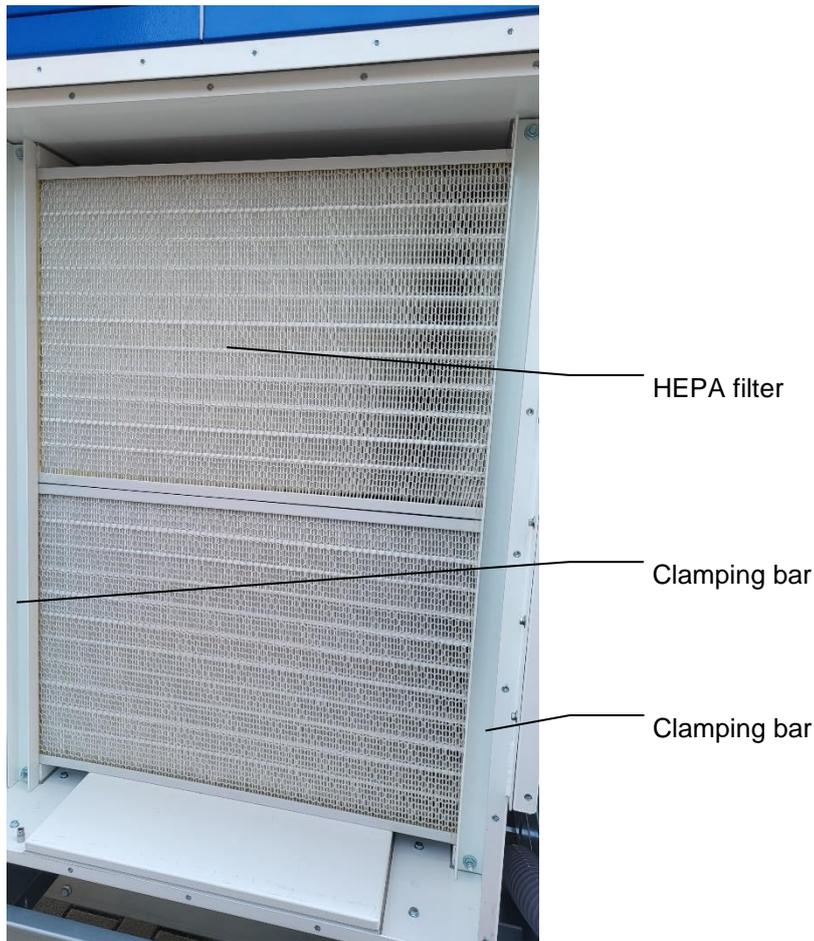
We recommend changing the filters when the MAX mark is reached.



#### 9.5.1 Filter change, HEPA filter stage



- Dismantle the cladding panel



- Remove clamping bars
- Remove the HEPA filter and dispose of it in accordance with the regulations.
- Check and clean the sealing surface on the unit
- Insert new HEPA filters
- Install tensioning guides, tighten screws evenly

**HINWEIS**

The units have only been tested with original deconta HEPA filters. To ensure machine safety, only original deconta filters should be used. If this is not observed, machine safety cannot be guaranteed. This can result in the unintentional and uncontrolled release of hazardous substances into the environment due to filter overload (leakage, filter rupture, ...).

## 9.6 Troubleshooting and fault clearance

This section contains information on safe troubleshooting of the machine.

The following table gives an overview of malfunctions and measures to remedy them.

<b>Malfunction</b>	<b>Possible cause</b>	<b>Remedy</b>
System does not work	Power source not in order	Have the power source repaired by a specialist
System does not work	Components in the system defective	Have the system repaired by deconta or a workshop authorised by deconta.
Cleaning at the filter does not work	Plug on the solenoid valve has come loose	Reconnect the plug
Compressor does not run	Switch on compressor not switched on	Open the compressor maintenance flap (on the front) and switch on the compressor switch.
Compressor does not run	Compressor plug has come loose	Open the compressor maintenance flap (on the front) and reconnect the plug.

## 10 Storage

This section contains information on the safe storage of the machine.

The machine is stored in the following cases:

- After decommissioning for a longer period of non-use
- After a decommissioning for a site relocation

### 10.1 Environmental conditions

The machine can be stored under the following environmental conditions:

Ambient temperature	0 °C to +45 °C
Relative humidity	70 % non-condensing

### 10.2 Requirements

The following requirements must be met for storing the machine:

- Thoroughly cleaned (decontaminated)
- with mounted transport / closing lid

**We expressly refer to possible additional regional and national regulations when storing the appliance technology.**

## 11 Disposal

Disposal is the capturing, collecting, forming, selecting, processing, regenerating, destroying, recycling and selling of the materials to be disposed of that are built into the machine.

This section contains information on the proper and professional disposal of the machine.

### 11.1 Qualification of the staff

Persons disposing of the machine must meet the following requirements:

Person	Required qualification
Disposer	Qualified waste management company for legally compliant, proper and professional disposal of the machine

### 11.2 Legislation

Disposal of the machine shall be in accordance with the legislation of the country where the machine is disposed of.

Compliance with these legal regulations is basically the responsibility of the operator of the machine or the person in charge of disposal.

### 11.3 Waste

The waste generated by the machine must be disposed of in a legally compliant, proper and professional manner.

## 12 EC Declaration of Conformity

The manufacturer

deconta GmbH  
Im Geer 20  
46419 Isselburg

hereby declares that the following product

Product designation: ME 12  
Type designation: 565  
Serial number: see type plate  
Trade name: Dust extractor ME 12  
Year of manufacture: see type plate  
Type number: 565  
Description: Dust extractor ME 12

complies with all relevant provisions of the applied legal regulations (hereinafter) - including their amendments in force at the time of the declaration. The sole responsibility for issuing this declaration of conformity lies with the manufacturer. This declaration relates only to the machine in the condition in which it was placed on the market; parts and/or interventions subsequently fitted by the end user are not taken into account.

The following legislation was applied:

Machinery Directive 2006/42/EC  
EMC Directive 2014/30/EU  
Pressure Vessels Directive 2014/29/EU

The protection goals of the following additional legal regulations were met:

Low Voltage Directive 2014/35/EU

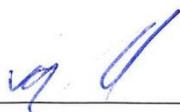
Name and address of the person authorised to compile the technical file:

Boland, Thomas - Im Geer 20 - 46419 Isselburg

The following harmonised standards were applied:

EN 60204-1:2018	Safety of machinery - Electrical equipment of machines - Part 1: General requirements (IEC 60204-1:2016 (Modified))
EN ISO 12100:2010	Safety of machinery - General principles for design - Risk assessment and risk reduction (ISO 12100:2010)
EN ISO 13849-1:2015	Safety of machinery - Safety-related parts of control systems - Part 1: General principles for design (ISO 13849-1:2015)
EN ISO 13849-2:2012	Safety of machinery - Safety-related parts of control systems - Part 2: Validation (ISO 13849-2:2012)
EN ISO 13857:2019	Safety of machinery - Safety distances to prevent hazard zones from being reached by the upper and lower limbs (ISO 13857:2019)
EN ISO 14118:2018	Safety of machinery - Prevention of unexpected start-up (ISO 14118:2017)

Place: Isselburg Date: 26.09.2023



Leiter Konstruktion / head of construction



Leiter Elektro / head of electro