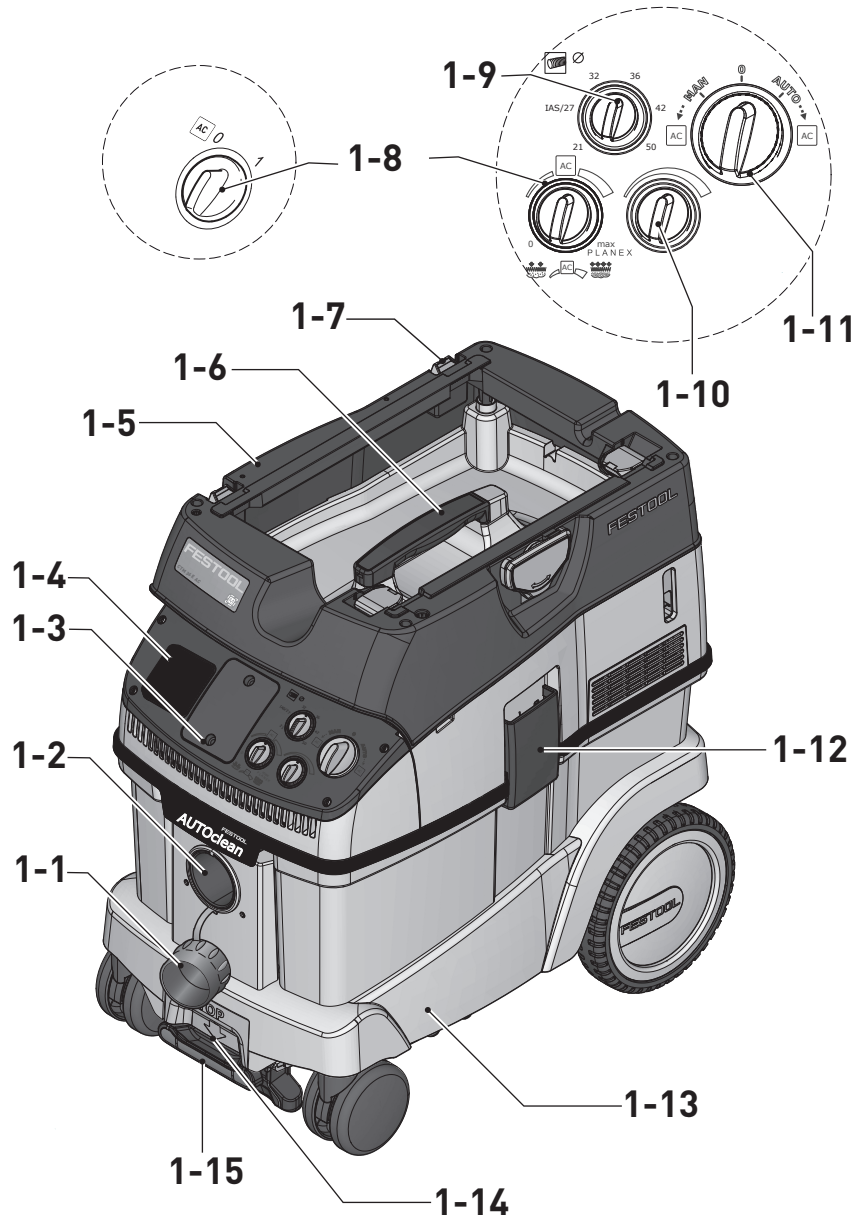


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**CTM 26 E, CTM 26 E AC,
CTM 36 E, CTM 36 E AC,
CTM 36 E LE, CTM 36 E LE AC,
CTM 36 E AC-LHS,
CTM 36 E AC-RENOFIX,
CTM 48 E, CTM 48 E AC,
CTM 48 E LE, CTM 48 E LE AC**

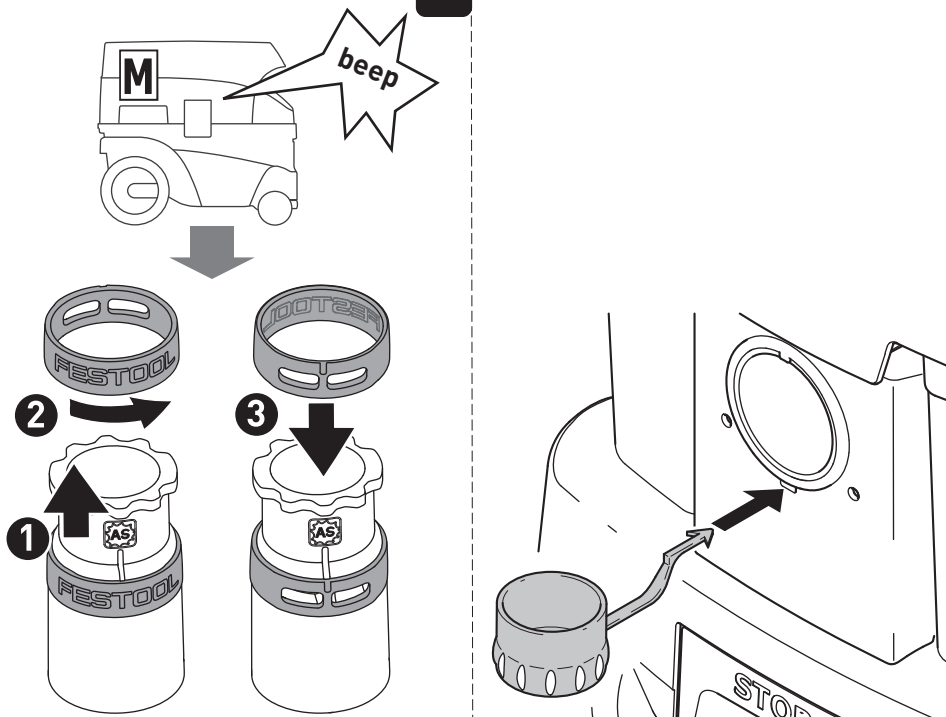


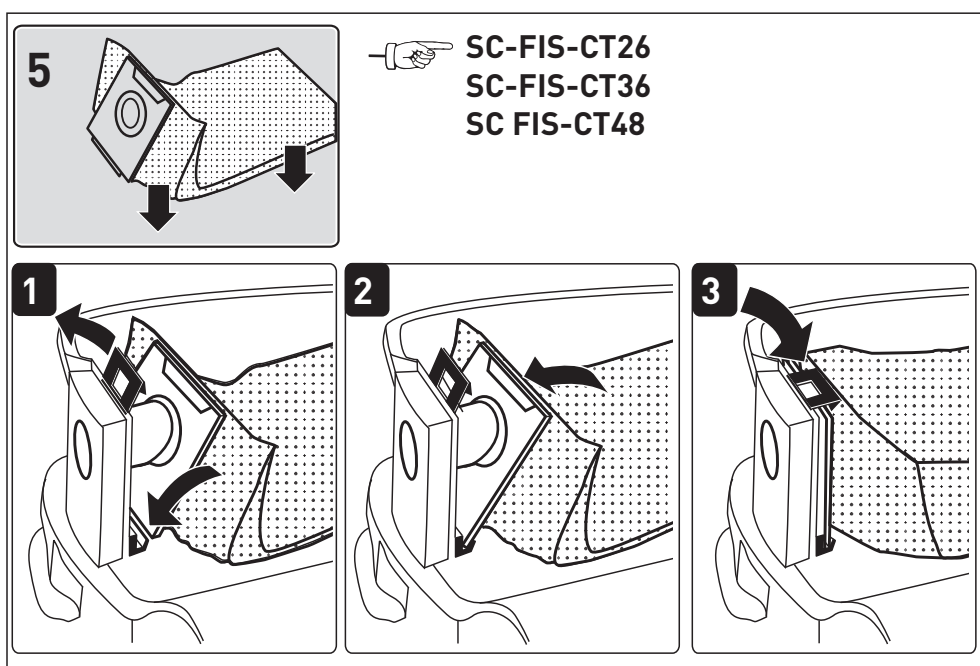
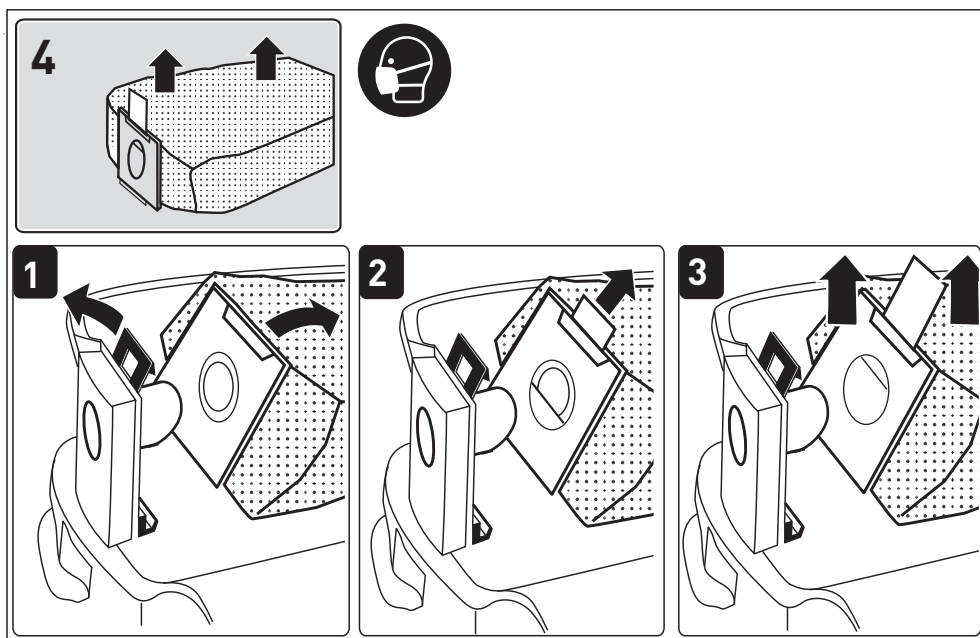
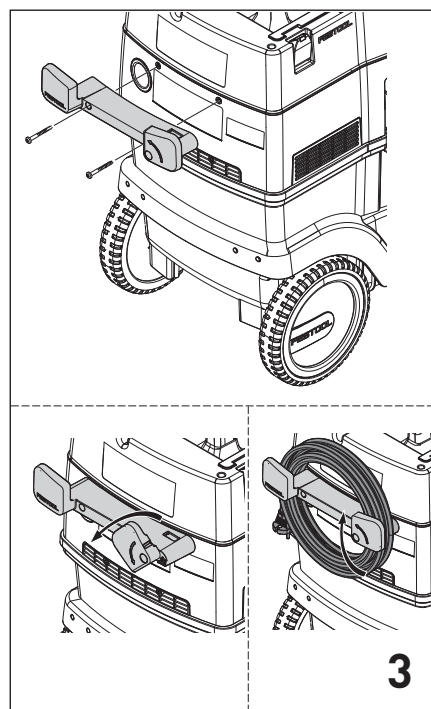
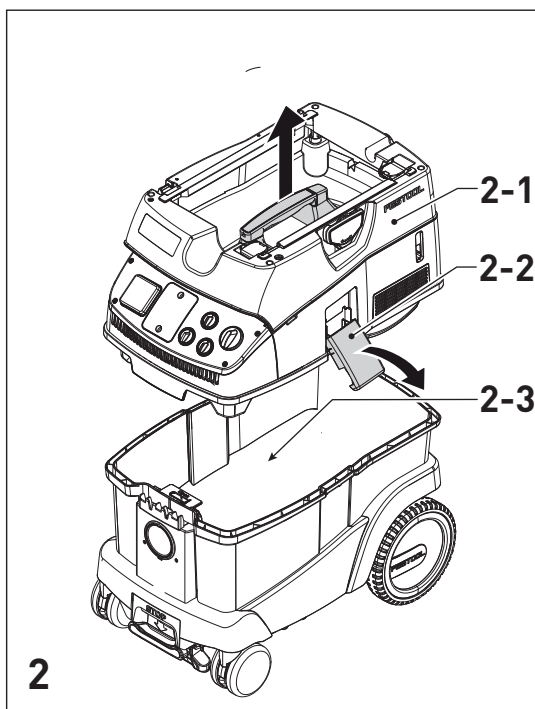
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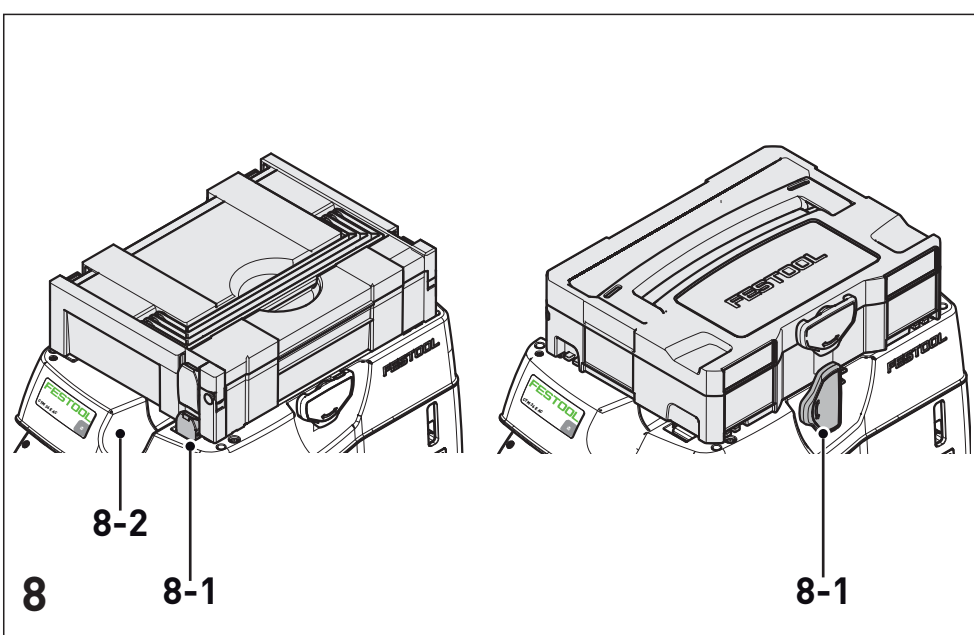
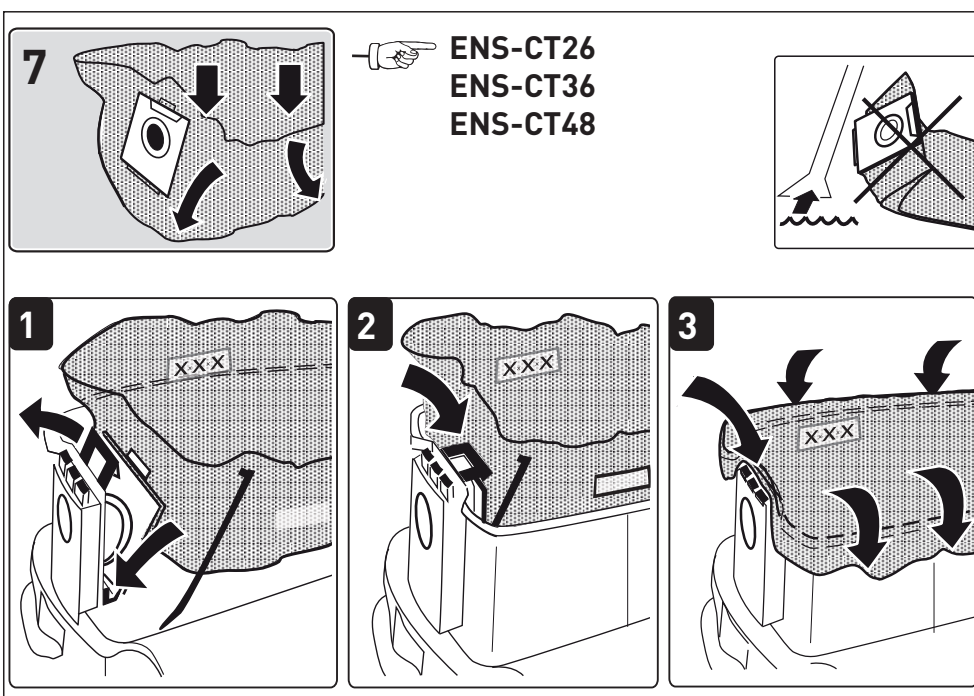
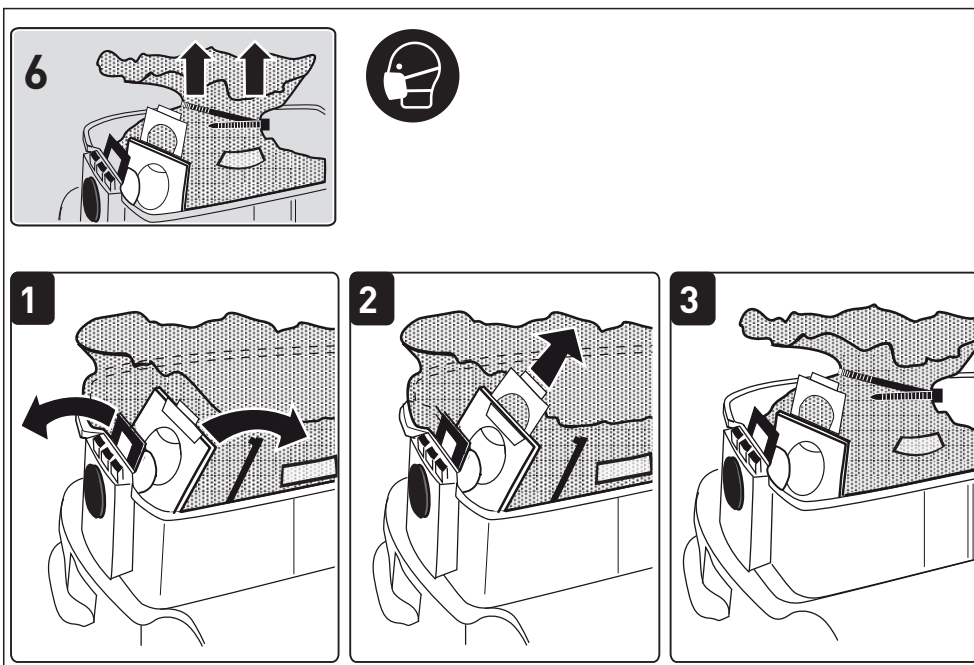


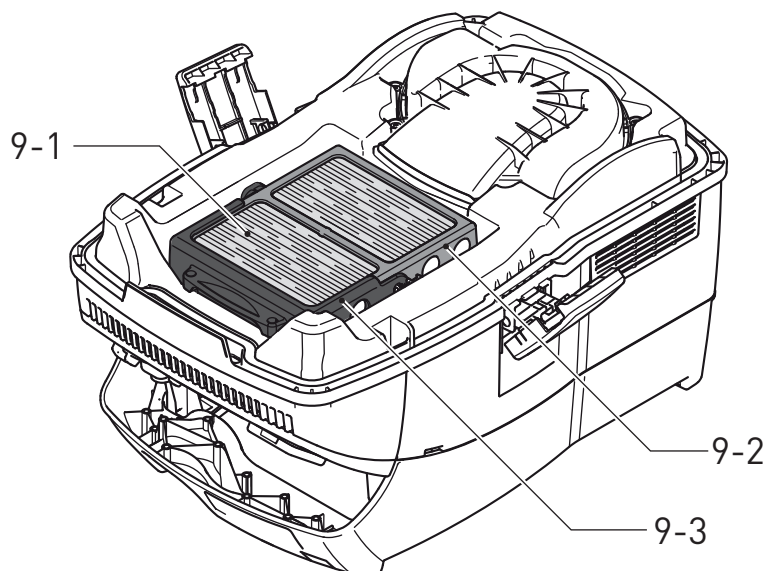
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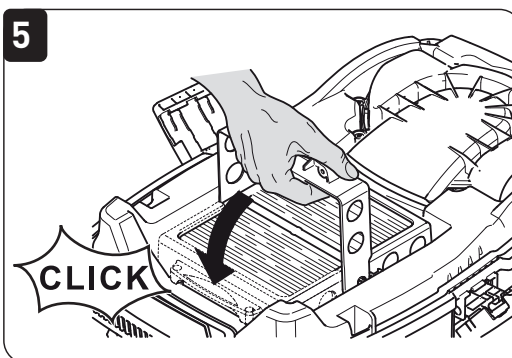
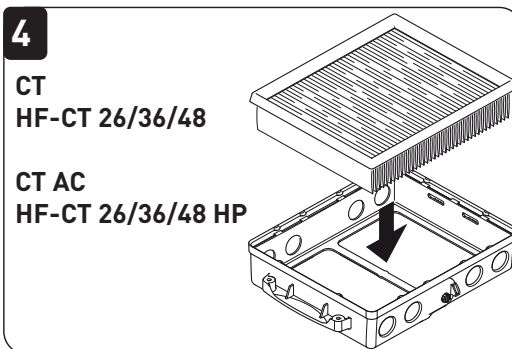
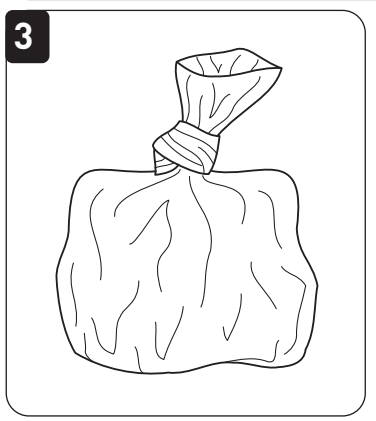
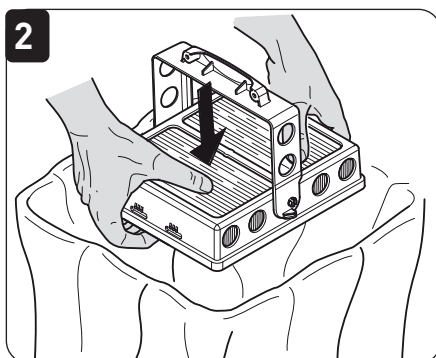
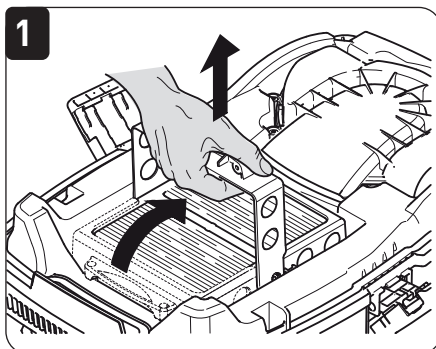




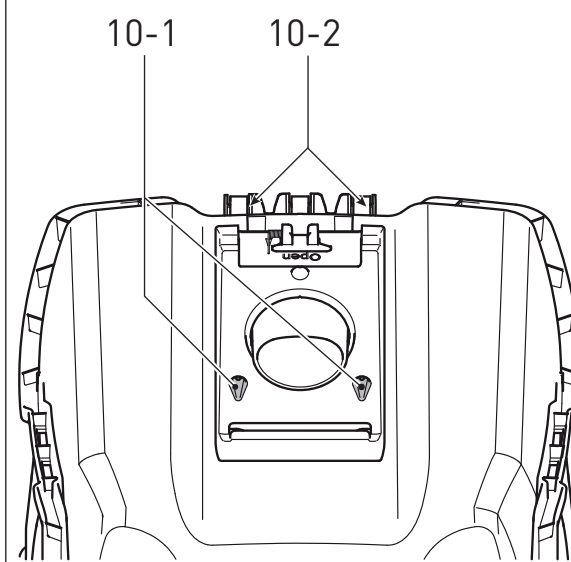




9



10



Declaration of Conformity

We as the manufacturer **Festool GmbH, Wertstraße 20, 73240 Wendlingen, Germany** declare under our sole responsibility that the product(s):

Designation: **Mobile dust extractor**
Designation of Type(s): **CTM 26 E, CTM 26 E AC, CTM 36 E, CTM 36 E AC**
Serial number(s) ¹⁾: **202509, 202443, 202508, 202449, 204069, 204898, 202987, 10523104**

fulfills all the relevant provisions of the following UK Regulations:

- S.I. 2008/1597 Supply of Machinery (Safety) Regulations 2008
- S.I. 2016/1091 Electromagnetic Compatibility Regulations 2016
- S.I. 2012/3032 Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012

and are manufactured in accordance with the following designated standards:

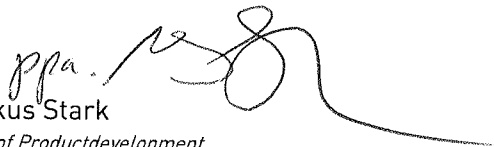
- BS EN 60335-1:2012 + A2:2019
- BS EN 60335-2-69:2012
- BS EN 55014-1:2017
- BS EN 55014-2:2015
- BS EN IEC 61000-3-2:2019
- BS EN 61000-3-3:2013
- BS EN IEC 63000:2018

¹⁾ in the specified serial number range (S-Nr.) from 400000000 – 499999999



Place and date of declaration: Wendlingen, 07.10.2021

Signed on behalf of and in name of Festool GmbH


Markus Stark
Head of Productdevelopment


Ralf Brandt
Head of Productconformity

Absaugmobil Mobile dust extractors Aspirateurs	Seriennummer * Serial number * N° de série * (T-Nr.)
CTM 26 E	202445, 202446, 202509, 202981, 202983
CTM 26 E AC	202442, 202444, 202443, 202508, 10523100
CTM 36 E	202452, 202453, 202985, 202987
CTM 36 E AC	202447, 204896, 204897, 204898, 10523104
CTM 36 E AC-LHS	202448, 202449, 202451, 204069
CTM 36 E LE	202454, 202989
CTM 36 E AC HD	203037, 203038, 203031
CTM 48 E	202456, 202990
CTM 48 E AC	202455

de EU-Konformitätserklärung. Wir erklären in alleiniger Verantwortung, dass dieses Produkt mit allen relevanten Anforderungen folgender EU-Richtlinien übereinstimmt, und folgende Normen oder normative Dokumente zugrunde gelegt wurden:

en EU Declaration of Conformity. We declare under sole responsibility that this product complies with all the relevant requirements in the following EU Directives, and following standards and normative documents were applied:

fr Déclaration de conformité de l'UE. Nous déclarons, sous notre seule responsabilité, que ce produit satisfait à toutes les exigences pertinentes des directives UE suivantes et repose sur les normes ou documents normatifs suivants :

es Declaración UE de conformidad. Declaramos bajo nuestra responsabilidad que este producto cumple todos los requisitos relevantes de las siguientes directivas de la UE y que se han tomado como base las siguientes normas o documentos normativos:

it Dichiarazione di conformità UE. Dichiariamo sotto nostra unica responsabilità che il presente prodotto sia conforme a tutti i requisiti di rilevanza definiti dalle seguenti Direttive UE e che siano stati applicati le seguenti norme o i seguenti documenti normativi:

nl EU-conformiteitsverklaring. Wij verklaren en stellen ons ervoor verantwoordelijk dat dit product volledig voldoet aan alle volgende EU-richtlijnen en volgende normen of normatieve documenten daaraan ten grondslag gelegd werden:

sv EU-försäkran om överensstämmelse. Vi förklarar på eget ansvar att denna produkt uppfyller alla relevanta krav enligt följande EU-direktiv och baseras på följande normer eller normgivande dokument:

fi EU-vaatimusten mukaisuusvakuutus. Vakuutamme yksinomaisella vastuulla, että tämä tuote täyttää seuraavien EU-direktiivien kaikki olennaiset vaatimukset ja se on seuraavien standardien tai standardiasiakirjojen mukainen:

set ja se on seuraavien standardien tai standardiasiakirjojen mukainen:

da EU-overensstemmelseserklæring. Vi erklærer med enevær, at dette produkt er i overensstemmelse med alle relevante krav i følgende EU-direktiver, og at følgende standarder eller normative dokumenter danner grundlag for det:

nb EU-samsvarserklæring. Vi erklærer under enevær at dette produktet oppfyller alle relevante krav i følgende EU-direktiver og at følgende standarder eller normative dokumenter er blitt lagt til grunn:

pt Declaração de conformidade UE. Sob nossa inteira responsabilidade, declaramos que este produto está de acordo com todas as exigências relevantes das seguintes diretivas UE, tendo sido tomadas por base as seguintes normas ou documentos normativos:

ru Декларация о соответствии ЕС. Мы со всей ответственностью заявляем, что данная продукция соответствует всем применимым требованиям следующих Директив ЕС, стандартов и нормативных документов:

cs Prohlášení o shodě EU. Prohlašujeme s veškerou odpovědností, že tento výrobek splňuje všechny příslušné požadavky následujících směrnic EU a že byly použity následující normy nebo normativní dokumenty:

pl Deklaracja zgodności UE. Niniejszym oświadczamy na własną odpowiedzialność, że produkt ten spełnia wszystkie obowiązujące wymagania następujących dyrektyw UE, norm lub dokumentów normatywnych.

2006/42/EC, 2014/30/EU, 2011/65/EU

EN 60335-1:2012 + A11:2014 + A13:2017 + A1:2019 + A2:2019 + A14:2019, EN 60335-2-69:2012, EN 55014-1:2017 + A11:2020, EN 55014-2:2015, EN IEC 61000-3-2:2019, EN 61000-3-3:2013, EN IEC 63000:2018



Unterzeichnet für und im Namen von/
Signed on behalf of and in name of/
Signé pour et au nom de

Festool GmbH

Wertstr. 20, 73240 Wendlingen, GERMANY

Wendlingen, 2021-10-07

ppa.

Markus Stark
Head of Product Development

i.v.

Ralf Brandt
Head of Product Conformity

* im definierten Seriennummer-Bereich (S-Nr.) von 40000000 - 49999999

in the specified serial number range (S-Nr.) from 40000000 - 49999999

dans la plage de numéro de série (S-Nr.) de 40000000 - 49999999

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1 Safety warnings



WARNING! Read all safety warnings, instructions, illustrations and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.

- This machine must not be used by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge. **Children** need to be supervised to ensure they do not play with the machine.



- **WARNING!** The machine may contain hazardous dust. Only have the machine maintained and emptied, and only have the filter replaced by an authorised specialist using suitable protective equipment.
- Always operate with the filter system installed.
- Always use suitable protective equipment.
- If intact following a visual inspection, work in a dry environment according to instructions.

WARNING! When extracting dust that exceeds the limit value or large volumes of oak or beechwood dust, only extract from one dust source (power or compressed-air tool).

- **Risk of explosion and fire! Do not extract:**
 - Sparks, glowing parts or hot dust;
 - Combustible or explosive materials (e.g. magnesium, aluminium, petrol, diluting agents – with the exception of wood);
 - Aggressive materials (e.g. acid, alkaline solutions, solvents);
 - Chemically reactive materials, which lead to the generation of heat, acids/bases, gases, etc. (e.g. reactive two-component materials, aluminium and water).
- Observe all national safety regulations as well as the material manufacturer's specifications.
- Only use the electrical outlet module on the machine for its stated purpose.



- Check the plug and the cable regularly in order to prevent a hazard. In the event of damage, these must be replaced by an authorised service workshop only.
- Do not lift or transport the machine using a crane hook or lifting gear.
- This machine must not be used by people who might have a particularly adverse reaction to an electric shock (e.g. **people with cardiac pace-makers**), because the possibility of the machine building up a static charge cannot be excluded.
- Use only the original Festool suction hose.
- **Pay attention to the work environment and watch out for your own safety and the safety of others when transporting or working with the machine.**

In this way, you can for example prevent tripping hazards caused by the suction hose or mains cable.

- **Keep packaging film away from children.**

There is a risk of suffocation.

2 Symbols

Symbol Significance



Warning of general danger



Risk of electric shock



Read operating instructions and safety notices!



Wear a dust mask.



Tip or advice



Handling instruction



Warning! The machine may contain hazardous dust!



Do not dispose of as domestic waste.



UKCA marking: The United Kingdom Conformity Assessed symbol is a marking for products being placed on the market in the United Kingdom. It is a manufacturers indication that the product is in conformance with the relevant regulations in the UK.

3 Machine features

- [1-1]** Sealing plug
- [1-2]** Intake opening
- [1-3]** Module slot (compressed air module for CTM 36 E LE, CTM 36 E LE AC, CTM 48 E LE, CTM 48 E LE AC)
- [1-4]** Appliance socket
- [1-5]** Hose store
- [1-6]** Handle
- [1-7]** SysDoc
- [1-8]** Automatic cleaning (only versions with AutoClean)
- [1-9]** Hose diameter setting
- [1-10]** Suction power adjuster
- [1-11]** Switch
- [1-12]** Locking clip
- [1-13]** Dust container
- [1-15]** Brake

The specified illustrations appear at the beginning of the Operating Instructions.

4 Technical data

Mobile dust extractors		
Power consumption		350 - 1200 W
Max. electrical outlet module connected load	EU	2400 W
	CH, DK	1100 W
	GB 230 V/110 V	1800 W/500 W
Max. suction capacity (air), extractor/turbine		130 m³/h/234 m³/h
Max. vacuum, turbine		24,000 Pa
Filter surface area		6318 cm²
Suction hose (depending on mobile dust extractor version)		D27/32x3.5m-AS/CTR D36x3.5-AS/KS/B/LHS 225 D36/32x3.5m-AS/R
Mains power cable length		7.5 m
Sound pressure level as per EN 60704-2-1/uncertainty K		71 dB(A)/3 dB
Type of protection		IP X4
Container capacity	CT 26	26 l
	CT 36	36 l
	CT 48	48 l
Dimensions L x W x H	CT 26	630 x 365 x 540 mm
	CT 36	630 x 365 x 596 mm
	CT 48	740 x 406 x 1005 mm
Weight	CT 26 / CT 26 AC	13.9 kg / 14.7 kg
	CT 36 / CT 36 AC	14.4 kg / 15.2 kg
	CT 48 / CT 48 AC	18.8 kg / 19.6 kg

5 Intended use

Mobile dust extractor suitable for

- Extracting dust up to 0,1 mg/m³ according to dust class 'M', including wood and paint dust,
- Extracting water,
- Increased loads during commercial use, according to IEC/EN 60335-2-69.



The user is liable for improper or non-intended use.

6 Commissioning



WARNING

Unauthorised voltage or frequency!

Risk of accidents

- Observe the specifications on the machine's name plate.
- Observe country-specific regulations.

6.1 Initial commissioning

- Open the locking clips **[2-2]** and remove the top section of the machine **[2-1]**.
- Remove the accessories from the dirt trap **[2-3]** and the packaging.
- Place a filter or disposal bag in the dirt trap (see sections 7.8 and 7.9).
- Replace the top section **[2-1]** and close the locking clips **[2-2]**.

- Attach the cord holder to the reverse of the mobile dust extractor (see figure [3]).
- Connect the suction hose to the machine.

6.2 Switching on/off

- Insert the mains plug into an earthed socket.



WARNING

Risk of injury from tools starting up unexpectedly

- Before setting the switch to the "AUTO" or "MAN" position, make sure that the connected tool is switched off.

The switch [1-11] serves as an on/off switch.

"0" switch position

Appliance socket [1-4] is disconnected from the power, mobile dust extractor is switched off.

"MAN" switch position

Appliance socket [1-4] is connected to the power, the mobile dust extractor starts.

"Auto" switch position

Appliance socket [1-4] is connected to the power, the mobile dust extractor starts when the connected power tool (see 7.2) or compressed-air tool (see 7.3) is switched on.

7 Settings

7.1 Adjusting the hose diameter

- Adjust the hose diameter adjuster [1-9] to match the inner diameter of the connected suction hose.
- ⓘ This ensures that the air speed in the extractor hose is measured correctly (see section 7.10).

7.2 Connecting electric power tools



WARNING

Risk of injury

- Observe the maximum appliance socket connected load (see chapter "Technical data")
 - Switch off the electric power tool.
- Connect the electric power tool to the appliance socket [1-4].

7.3 Connecting a compressed-air tool



WARNING

Risk of injury

- Switch off the compressed-air tool.

Automatic switch-on for compressed-air tools on mobile dust extractors

with compressed-air module in the module slot [1-3].

7.4 Adjusting the suction power

- at the rotary knob [1-10].

7.5 Connecting sleeve

The bypass function of the connecting sleeve prevents strong suction from sanding machines and floor nozzles on smooth surfaces.

Open

- Turn the adjusting ring to the "OPEN" position.

Close

- Turn the adjusting ring to the "CLOSE" position.

7.6 Applying the brake

Folding out the black brake lever [1-15] prevents the mobile dust extractor from rolling. To achieve this, lift the front end of the mobile dust extractor slightly and push the black brake lever downwards until it latches into place. Push the green lever [1-14] to release.

7.7 Temperature cut-out

To prevent overheating, a temperature cut-out switches the mobile dust extractor off when it reaches a critical temperature.

- Switch off the mobile dust extractor and allow to cool for about 5 minutes.

- ⓘ If the mobile dust extractor will not switch on again, please contact a Festool service workshop.

7.8 Changing the filter bag (SC FIS-CT 26/36/48)

Removing the filter bag [4]

- Open the locking clips [2-2] and remove the top section of the machine [2-1].
- Remove the filter bag.
- Dispose of the used filter bag in accordance with statutory regulations.
- Clean the dust container [2-3].

Inserting the filter bag [5]

- Insert a new filter bag (SC FIS-CT 26/36/48) in the inlet port of the dust container and in-

terlock it. **Important:** be aware that the locking engages.

- Replace the top section **[2-1]** and close the locking clips **[2-2]**.

- ⓘ Make sure that the filter bag is not pinched between the top and bottom sections.

7.9 Changing the disposable bag (variants with AutoClean only)

Removing the disposal bag [6]

- Close off the extractor opening **[1-2]** using the sealing plug **[1-1]**.
- Open the locking clips **[2-2]** and remove the top section of the machine **[2-1]**.
- Close the disposal bag.
- Remove the disposal bag.
- Dispose of the used disposal bag in accordance with statutory regulations.
- Clean the dust container **[2-3]**.

Inserting the disposal bag [7]

- Insert a new disposal bag (ENS-CT26/36/48) on the inlet nozzle of the container and lock in position.

Important: The lateral openings on the disposal bag must be positioned inside the container. Make sure that the bolt engages.

- Place the disposal bag over the edge of the container.

- ⚠ Make sure that the contacts **[10-2]** are free.

- Replace the top section **[2-1]** and close the locking clips **[2-2]**.

7.10 Volumetric flow monitoring

For safety reasons, an acoustic warning signal sounds if the air speed in the suction hose falls below 20 m/s (dust class M only).

- ⓘ The table on the mobile dust extractor explains this connection for the minimum required extraction volume of the respective hose diameter. If this extraction volume is not reached, a warning signal sounds.*

 max. Ø	$\dot{V}_{\min}$
21 mm	25 m³/h
27 mm	41 m³/h
32 mm	58 m³/h
36 mm	73 m³/h
42 mm	100 m³/h
50 mm	141 m³/h

10041610

* only with EU versions of CT AC

Possible causes	Solution
Value set on the suction power adjustment [1-10] is too low.	Set the suction power adjustment to a higher value (see section 7.4).
Rotary knob [1-9] not set to the correct hose diameter.	Set the correct suction hose diameter (see section 7.1).
Suction hose is blocked or kinked.	Eliminate the block or straighten the hose.
Filter bag full.	Insert a new filter bag (see section 7.7).
Dirty main filter.	Change the main filter (see section 9.1). AUTOClean ONLY: Clean the main filter (see chapter 8.2).
Electronic monitoring malfunction.	Have the fault rectified by a Festool service workshop.
Wet extraction.	Function not impaired, no measures required.
ONLY CTM 36 E AC-LHS with PLANEX LHS 2 225: In tasks that require a low extraction setting (e.g. on soft surfaces).	Activate bypass function on special extraction sleeve [1A] .

8 Working

8.1 Handling

Hose holder: After finishing work, you can feed the suction hose through the opening **[8-2]** and place it in the hose holder.

SysDoc Systainer storage area: A Systainer can be fastened to the storage area with the four slides or the T-Loc lock **[8-1]**.

8.2 AutoClean – cleaning the main filter (variants with AutoClean only)

- ⚠ **Only in conjunction with a disposable bag** (to comply with dust class "M"). Not for use during wet extraction.

Automatic cleaning

Activate AutoClean or set the frequency using the rotary knob [1-8] (depending on the mobile dust extractor variant).

Manual cleaning

Turn the switch [1-11] to the **AC** symbol.

Full manual cleaning

- Cover the end of the nozzle or suction hose with your hand or CT-VS closing slide for two seconds.
- Turn the switch [1-11] to the **AC** symbol.

8.3 Special features of the CTM 36 E AC-LHS

To use the mobile dust extractor in combination with the **PLANEX**:

- Use kink-resistant suction hose D 36 mm x 3.5 m-AS.
- Use a special suction sleeve for connecting the **PLANEX**.
- Use closing slide CT-VS between the intake opening [1-2] and suction hose.
- Attach the tool holder.
- **Always use with a disposal bag!**

8.4 Extracting dry materials



CAUTION

Hazardous dust

Damage to the respiratory passage

- Use a filter or disposal bag when extracting hazardous materials!
- Do not use the machine if the volumetric flow monitoring function is inactive.

Observe the following when extracting dust generated by operating electric power tools: If the exhaust air is discharged back into the room, the **air renewal rate L** within the room must be sufficient. The volume of air discharged back into the room must not exceed 50% of the fresh air volume flow (room volume V_R x air renewal rate L_W). Observe all the relevant regional regulations.

Remember: A moist main filter clogs more quickly when extracting dry materials. Therefore, dry the main filter before extracting dust or replace the damp filter with a dry one.

8.5 Extracting wet materials/liquids



- Remove the filter/disposal bag.
- Use a special wet filter (NF-CT).

The dust extraction stops automatically when the maximum fill level is reached.

It must be ensured that the machine (main filter, suction hose, container, etc.) is sufficiently dried after extracting wet materials.



CAUTION

Hazardous dust

Damage to the respiratory passage

- After extracting wet materials, remove the wet filter and replace it with the main filter for dry materials.



CAUTION

Escaping foam and liquids

- Switch off and empty the machine immediately.

8.6 After finishing work

- **Variants with AutoClean only:** Clean the main filter automatically or manually (see section 8.2).
- Switch off the mobile dust extractor and pull out the mains plug.
- Wind up the mains power cable.
- Empty the dirt trap.
- Close the extractor connector [1-2] using the plug [1-1].



WARNING

Hazardous dust

Damage to the respiratory passage

- Before removing the mobile dust extractor from the contaminated area, clean it and all accessories by thoroughly vacuuming and washing them down (interior and exterior).
- Parts that cannot be thoroughly cleaned must be sealed in an airtight plastic bag during transportation.
- Wear a dust mask.



Only store this machine indoors.

- Place the mobile dust extractor in a dry room inaccessible to unauthorised users.

9 Service and maintenance



WARNING

Risk of injury, electric shock

- ▶ Always disconnect the mains plug from the socket before performing maintenance work on the machine!
- ▶ All maintenance and repair work which requires the motor housing to be opened must only be carried out by an authorised service workshop.



Customer service and repair only through manufacturer or service workshops: Please find the nearest address at: www.festool.com/service



Only use original Festool spare parts! Order No. at: www.festool.com/service

Damaged safety devices and components must be repaired or replaced in a recognised specialist workshop, unless otherwise indicated in the operating manual.

Observe the following instructions:

- The manufacturer or an instructed person must perform a dust test at least once a year to determine whether the filter is damaged, the machine is sealed properly and the monitoring features are functioning correctly.
- Anything that cannot be cleaned must be discarded in impermeable bags. Observe applicable disposal regulations!
- For user servicing, the machine must be dismantled, cleaned and serviced, as far as is reasonably practicable, without causing risk to the maintenance staff and others. Suitable precautions include, decontamination before dismantling, provision from local filtered exhaust ventilation where the machine is dismantled, cleaning of the maintenance area and suitable personal protection.

9.1 Changing the main filter

NOTICE

Damage to the motor

- ▶ Never extract material without a main filter, as this can damage the motor.
- ▶ Open the locking clips **[2-2]** and remove the top section of the machine **[2-1]**.
- ▶ Rotate the top section of the machine so that the main filter is facing upwards (figure **[9]**).
- ▶ Fold over the lever **[9-3]** and remove the retainer **[9-2]**.
- ▶ Remove the used main filter **[9-1]** and replace with a new one.
- ▶ Clear the sealing surfaces and area behind them of dirt.
- ▶ Dispose of the used main filter in accordance with statutory regulations.
- ▶ Insert the retainer **[9-2]** and fold over the lever **[9-3]** until it engages.
- ▶ Replace the top section **[2-1]** and close the locking clips **[2-2]**.

9.2 Emptying the dust container

The dust container **[2-3]** can be emptied once the top section has been removed.

- ▶ After extracting fluids, clean the fill level sensors **[10-1]** regularly with a soft cloth and inspect for damage.

10 Accessories

The order numbers for the accessories and filters can be found in the Festool catalogue or on the Internet at "www.festool.com".

10.1 Modules

The following modules for extending the mobile dust extractor are available in the range of accessories and can be fitted to the module slot **[1-3]** by an authorised service workshop:

- Compressed air module
- Electrical outlet module with permanent power supply,
- Electrical outlet module with automatic switch-on,
- Energy box (EAA) module for using the automatic switch-on unit on the EAA,
- CT-F I/M-Set remote control.

For more information about the modules, visit "www.festool.com".

11 Environment



Do not dispose of the device in the household waste! Recycle devices, accessories and packaging. Observe applicable national regulations.

EU only: In accordance with the European Directive on waste electrical and electronic equipment and implementation in national law, used power tools must be collected separately and handed in for environmentally friendly recycling.

Information on REACH: www.festool.com/reach

12 General information

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