



FESTOOL CTLC MINI I Cordless Mobile Dust Extractor Instruction Manual

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FESTOOL

FESTOOL CTLC MINI I Cordless Mobile Dust Extractor



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 appliance 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 device.
- This machine must not be used by people who might have a particularly adverse reaction to an electric shock (e.g. people with cardiac pacemakers), because the possibility of the machine building up a static charge cannot be excluded.
- Ensure you are on a firm base. The effects of a shock moment, e.g. due to antistatic discharge, may lead to accidents.
- **WARNING!** Operators must be appropriately instructed in the use of this machine.



- **WARNING!** Device may contain hazardous dust. Only have the device maintained and emptied, and only have


















the filter replaced by an authorised specialist using suitable protective equipment.

- Always operate with the filter system installed!
- **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 particles or hot dust;
- combustible or explosive materials (e.g. magnesium, aluminium, petrol, diluting agents);
- 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!
- **WARNING!** If foam or fluid starts to escape, switch off the machine immediately.
- **CAUTION!** Regularly clean the water level limiting device and inspect it for signs of damage.
- Always use suitable protective equipment!
- If intact following a visual inspection, work in a dry environment according to instructions!
- Do not lift or transport using a crane hook or lifting gear.
- Only carry the machine using the handle provided.
- Use only the original Festool suction hose.
- Check the battery interface and the filter regularly in order to prevent a hazard. In the event of damage, the battery interface must be replaced by an authorised service workshop only.
- 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.
- Follow the operating manual for the charger and the battery pack.
- Do not use power supply units or third-party battery packs to operate cordless devices. Do not use third-party chargers to charge the battery pack. The use of accessories not expressly authorised by the manufacturer can result in electric shocks and/or serious accidents.
- Keep the unused battery pack away from metal objects (e.g. nails, screws, keys, paper clips, etc.) that could cause bridging of the contacts.
- A short circuit between the battery contacts can cause burns or fire.
- Only use the battery pack in combination with your Festool device.
- This is the only way to protect the battery pack from dangerous overload.
- Use of another device can lead to injury and fire hazard.
- Do not use battery packs that are damaged or have been modified.
- Damaged or modified battery packs can lead to fire, explosion or injuries.
- Disconnect the battery pack from the device before you change the accessory parts/consumables, or place the device in storage. Such preventative safety measures reduce the risk of unintentionally starting the device.

Symbols

-  **Warning** of general danger
-  **Warning** of electric shock
-  Read the operating manual and safety warnings.
-  Read the operating instructions and safety instructions.
-  Wear a dust mask.
-  Suitable for separation of dust with an exposure limit value greater than 1 mg/m³
-  Suitable for separation of dust with an exposure limit value greater than 0,1 mg/m³
-  **WARNING!** The machine may contain hazardous dust!
-  Do not climb on the unit
-  Inserting the battery pack
-  Removing the battery pack
-  Tip or advice
-  Handling instruction
-  CE marking: Confirms the conformity of the power tool with the European Community directives.
-  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.
-  Do not dispose of it with domestic waste.
-  Tool contains a chip which stores data. See section 17.2

Intended use


CTLC MINI I

CTLC MIDI I

- Cordless mobile dust extractor suitable
- for extracting dust up to 1 mg/m³ corresponding to dust class L,
- for absorbing water,
- for increased loads during commercial use in accordance with IEC/EN 60335-2-69,
- for use with BP Festool battery packs of the same voltage class which have been approved for this cordless mobile dust extractor.

CTMC MIDI I

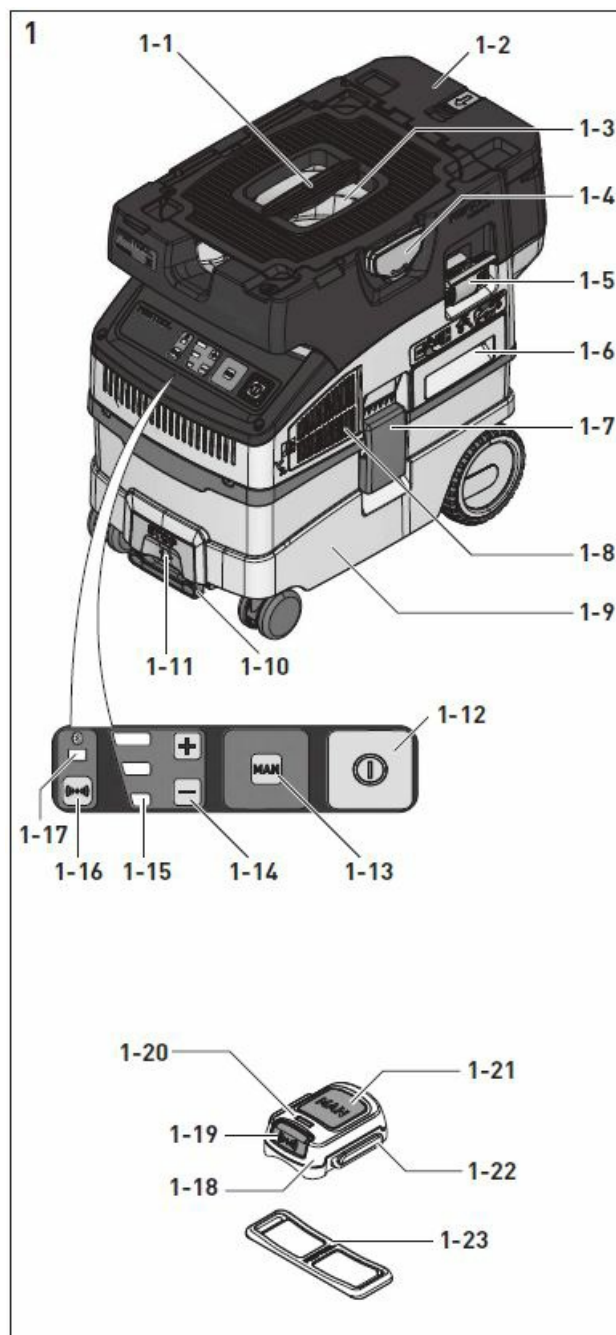
- Cordless mobile dust extractor suitable
- for extracting dust up to 0.1 mg/m³ according to dust class M including wood and paint dust,
- for absorbing water,
- for increased loads during commercial use in accordance with IEC/EN 60335-2-69,
- for use with BP Festool battery packs of the same voltage class which have been approved for this cordless mobile dust extractor.
- The user is liable for improper or non-intended use.

Technical data		
Cordless mobile dust extractor		
Motor voltage Compatible battery packs	36 V (2x 18 V)  BP 18 series [2]	
Max. suction capacity (air), extractor/turbine	108 m ³ /h / 202 m ³ /h	
Max. vacuum, turbine	190 hPa	
Filter surface area	3508 cm ²	
Suction hose	D 27/32 x 3.5 m-AS/CTR	
Sound pressure level as per EN 60335-2-69/uncertainty K	67 dB(A)/3 dB	
Hand-arm vibration value as per EN 60335-2-69/uncertainty K	< 2.5 m/s ² / 1.5 m/s ²	
Type of protection	IP X4	
Frequency (cordless mobile dust extractor/remote control)	2402–2480 MHz	
Equivalent isotropically radiated power (EIRP) (cordless mobile dust extractor/remote control)	< 10 dBm	
Container capacity	CTLC MINI I	10 l
	CTLC MIDI I CTMC MIDI I	15 l
Dimensions L x W x H	CTLC MINI I	550 x 320 x 455 mm
	CTLC MIDI I CTMC MIDI I	550 x 320 x 495 mm
Weight (without battery packs)	CTLC MINI I	11.4 kg
	CTLC MIDI I CTMC MIDI I	11.7 kg

Parts of the device

Cordless mobile dust extractor

1. Handle
2. Battery case
3. Hose garage
4. T-Loc lock for Systainers
5. Dedusting
6. main filter
7. Locking clip
8. Exhaust-air outlet
9. Dirt trap
10. Brake
11. Release button (brake)
12. On/off button
13. MAN button
14. Suction power adjustment
15. Status display (suction power/warning signals)
16. Connection button
17. Connection display
18. Remote control CT-F I *
19. Connection button
20. LED indicator
21. MAN button (for manually switching on)
22. Attachment point for the fastening straps
23. Fastening strap

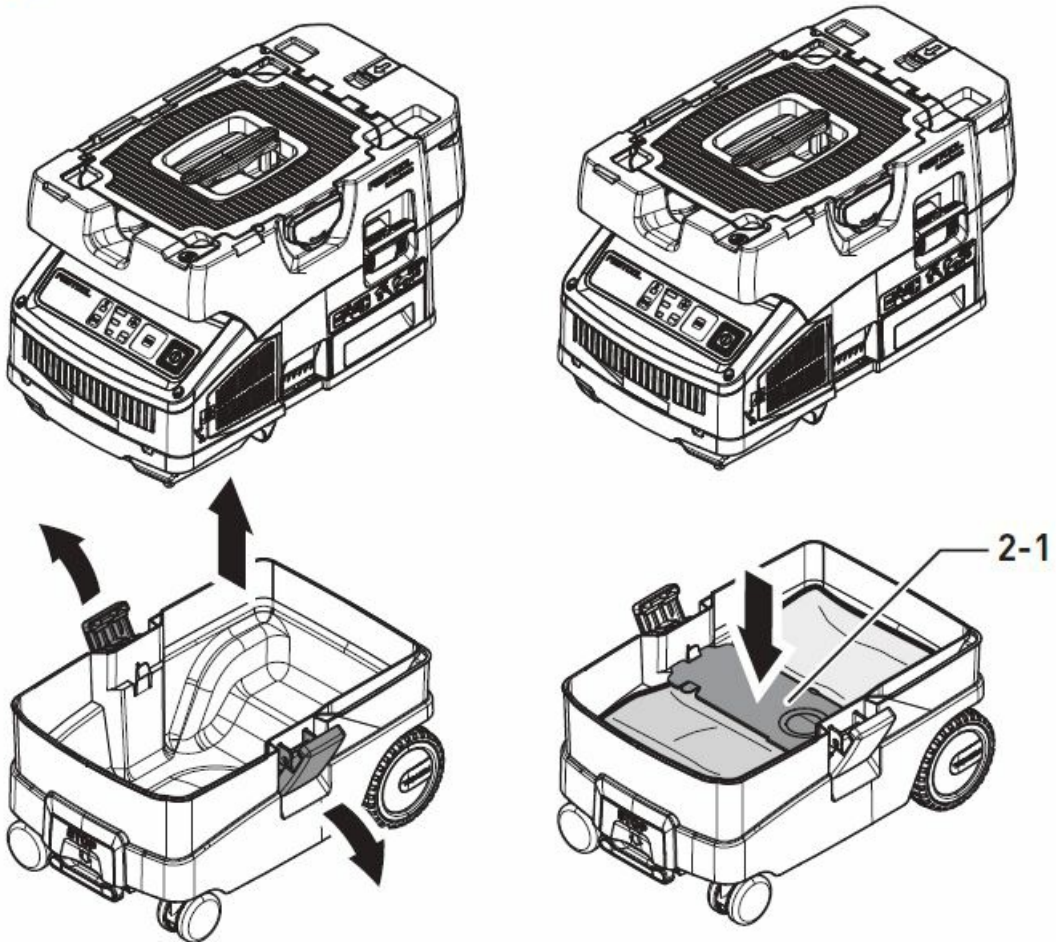


- The specified illustrations appear at the beginning of the Operating Instructions.
- Accessories shown or described are not always included in the scope of delivery.

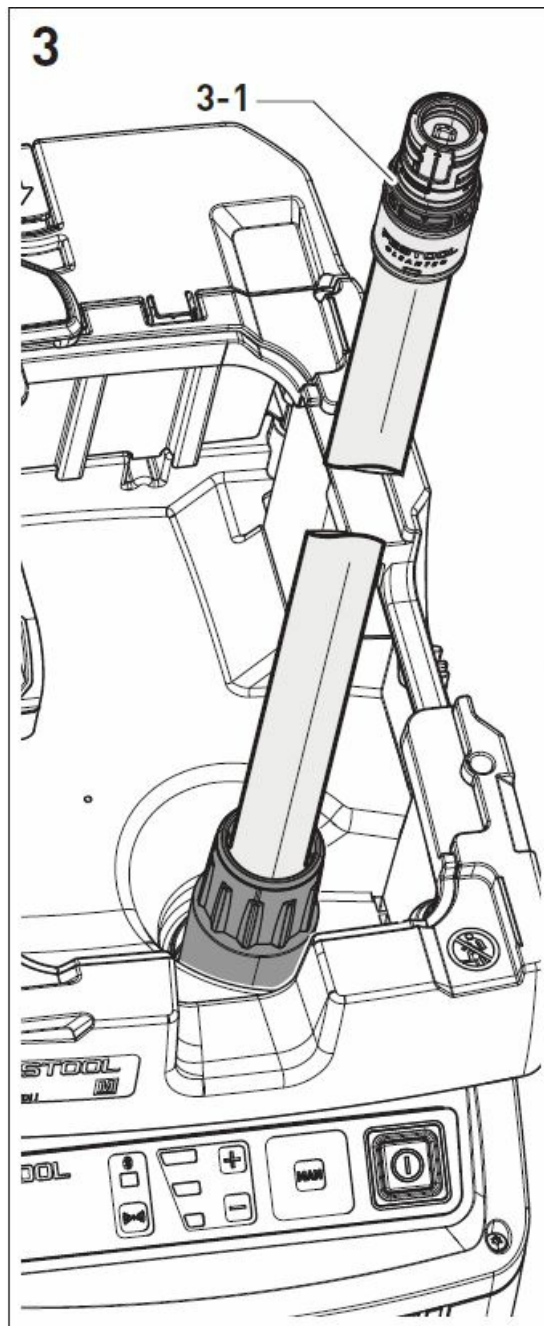
Preparations

- Insert the filter/disposal bag [2-1].

2




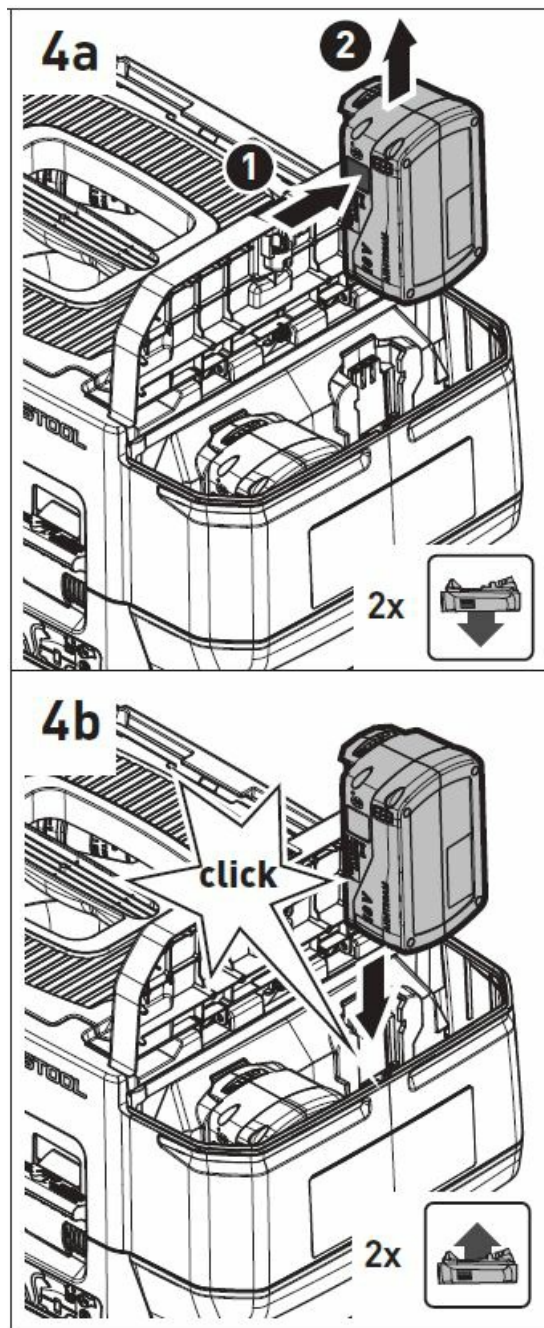
- Connect the suction hose [3].



Battery pack

- Before using the battery pack, check that the battery interface is clean. Any contamination of the battery interface may impair correct contact and lead to the contacts being damaged.
- A faulty contact may result in the machine overheating or being damaged.
- Remove the battery pack.

-  Insert the battery pack – until it clicks into place.



- The cordless mobile dust extractor can only be operated with two battery packs.
- For a listing of possible battery pack variants for operation of the device, see table [5]. For newer battery packs that are not listed, follow the instructions from the Festool Work App or contact the Festool customer service team.
- Further information about the charger and battery pack with capacity indicator can be found in the corresponding operating manual.

5



BP 18 Li 4,0 HPC-ASI
BP 18 Li 4,0 HPC-AS
BP 18 Li 5,2 ASI
BP 18 Li 6,2 ASI
BP 18 Li 5,2 AS
BP 18 Li 6,2 AS

Standby mode

- Press the on/off button [1-12].
- The green LEDs on the status display [1-15] indicate standby mode.
- Pressing the on/off button again will switch off the cordless mobile dust extractor.

Starting/stopping the cordless mobile dust extractor manually

- The cordless mobile dust extractor is in standby mode.
- Directly on the cordless mobile dust extractor:
- Press the MAN button [1-13] to start/stop. Alternatively, use the connected remote control CT-F I (see chapter 9.2):
- Press the MAN button [1-21] on the remote control to start/stop.

Starting/stopping the cordless mobile dust extractor automatically

- The cordless mobile dust extractor is in standby mode.
- To start/stop the cordless mobile dust extractor automatically: Switch the connected battery-powered power tool on/off (see chapter 9.1).

Connecting a device

WARNING

Risk of injury from a cordless mobile dust extractor starting up unsupervised.

- Before performing any work with the cordless mobile dust extractor, check which remote control and which cordless power tool are connected to the cordless mobile dust extractor.
- A battery-powered power tool must always be connected to the cordless mobile dust extractor via the suction hose. After finishing work, the connection to the cordless mobile dust extractor must be disconnected.
- The remote control must only be attached to the suction hose.

Connecting a battery-powered power tool

- In standby mode, press the connection button [1-16].
- The connection display [1-17] slowly flashes blue. For a period of 60 seconds, the cordless mobile dust extractor is ready for connection.
- Switch on the power tool.
- The cordless mobile dust extractor starts up.
- The cordless mobile dust extractor is connected until the on/off button [1-12] is pressed or a battery pack is removed (from the cordless mobile dust extractor). The power tool must then be connected again.
- Connecting a new power tool overwrites the previous connection.
- This function is only possible on Festool power tools with a Bluetooth® battery pack.

Connecting the CT-F I remote control

- To be able to connect a remote control to a cordless mobile dust extractor, the remote control must be reset (see “Reset on the remote control”).
- Remote controls that have not been connected previously can be connected directly.
- A connection that has been created between remote controls and the cordless mobile dust extractor will persist even after pressing the on/off button or removing a battery pack (from the cordless mobile dust extractor).
- The cordless mobile dust extractor can be connected to as many as five remote controls at the same time. The cordless mobile dust extractor can only be connected to one battery-powered power tool at a time.
- If a cordless mobile dust extractor which was initially switched on using the battery pack is switched off using the remote control, the temporary connection between the connected battery pack and the cordless mobile dust extractor will be lost. The battery pack can then be connected again.
- Hold down the connection button [1-16] on the cordless mobile dust extractor for three seconds in standby mode.
- The connection display [1-17] rapidly flashes blue. For a period of 60 seconds, the cordless mobile dust extractor is ready for connection.
- Press the MAN button [1-21] on the remote control.
- The remote control is permanently stored in the cordless mobile dust extractor.

Resetting on the remote control

Resetting deletes the connection between a remote control and the cordless mobile dust extractor.

- Press and hold the connection button [1-19] and the MAN button [1-21] for 10 seconds.
- The LED indicator [1-20] lights up purple, if the reset has taken place.

Connecting a mobile device

The cordless mobile dust extractor can be connected to a mobile device (e.g. for a software update) using the Festool Work app.

- Hold down the connection button [1-16] on the cordless mobile dust extractor for three seconds in standby mode.
- The connection display [1-17] rapidly flashes blue. For a period of 60 seconds, the cordless mobile dust extractor is ready for connection.

- Follow the instructions provided in the Festool Work app to authorise the secure connection.

Settings

Adjusting the suction power

- Press the plus or minus button for the suction power adjustment [1-14] while extracting.
- The green LEDs on the status display [1-15] indicate the current performance level.

Connecting sleeve

- The bypass function of the connecting sleeve [3-1] 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.

Volumetric flow monitoring (only for dust class M)

CAUTION

- Hazardous dust
- Damage to the respiratory passage
- Correct functioning of volumetric flow monitoring is only ensured with the suction hose D 27/32×3.5m-AS/CTR.
- For safety reasons, an acoustic warning signal sounds if the air speed in the suction hose falls below 20 m/s.

Possible causes	Solution
Filter bag full.	Insert a new filter bag (see section 11.5).
Dirty main filter.	Clean the main filter (see section 11.4). Change the main filter (see section 11.6).
Suction hose is blocked or kinked.	Eliminate the block or straighten the hose.
Value set on the suction power adjustment [1-14] is too low.	Set the suction power to a higher value (see section 10.1).
Battery charge level low.	– Charge the battery packs. – Use new battery packs.
Electronic monitoring malfunction.	Have the fault rectified by a Festool service workshop.
Working with sanders.	Activate the bypass function (see section 10.2).

Temperature cut-out

To protect against overheating, the temperature cut-out switches off the cordless mobile dust extractor before it reaches the critical temperature. The status display LED [1-15] indicates a fault.

- LED lights up red Excessive temperature
- Switch off the cordless mobile dust extractor, let it cool down.
- Switch the cordless mobile dust extractor on again after approx. ten minutes.

SysDoc

WARNING

- Risk of injury
- Do not stand on the storage area of the cordless mobile dust extractor.

CAUTION

- Risk of injury
- When transporting, ensure that the T-Loc is closed.

A Systainer can be fastened to the storage area of the hose holder [1-3] with the T-Loc lock [1-4].

Applying the brake

- Raise the front of the cordless mobile dust extractor slightly.
- Push down the brake [1-10] until it engages into position.
- Actuate the release button [1-11] to release it.

Working

Extracting dry materials

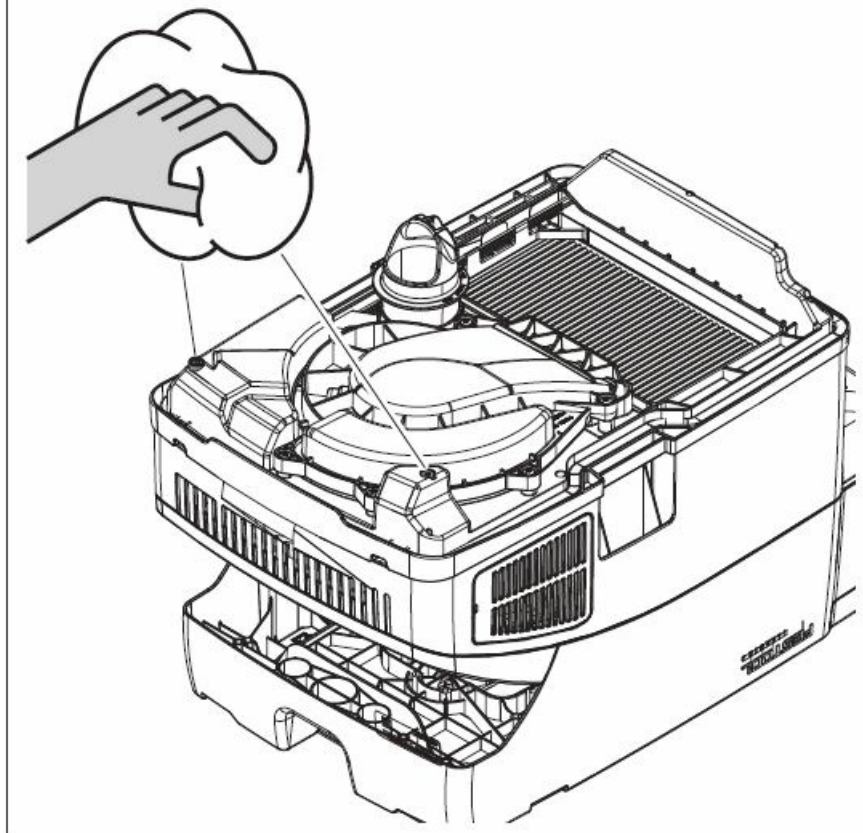
CAUTION

- Hazardous dust
- Damage to the respiratory passage
- Always use a filter bag!
- Check that the main filter is undamaged before extracting.

When extracting dust that exceeds the limit value, only extract from one dust source (power or compressed-air tool). Observe the following when extracting dust generated by operating power tools: Ensure there is adequate ventilation! Observe regional regulations! Limit values: Exhaust air max. 50% of the fresh air volume Equation: Room volume VR x air renewal rate LW.

Extracting wet materials/liquids

- Remove the filter bag!
- Use a special wet filter.
- The dust extraction stops automatically when the maximum fill level is reached.
- The bottom LED [1-15] lights up red.
- Switch off the mobile dust extractor [1-12].
- Open the locking clips [1-7] and remove the top section of the machine.
- Empty the dirt trap [1-9].
- After wet extraction, allow the main filter to dry!
- Dry the mobile dust extractor before extracting dry dust.



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

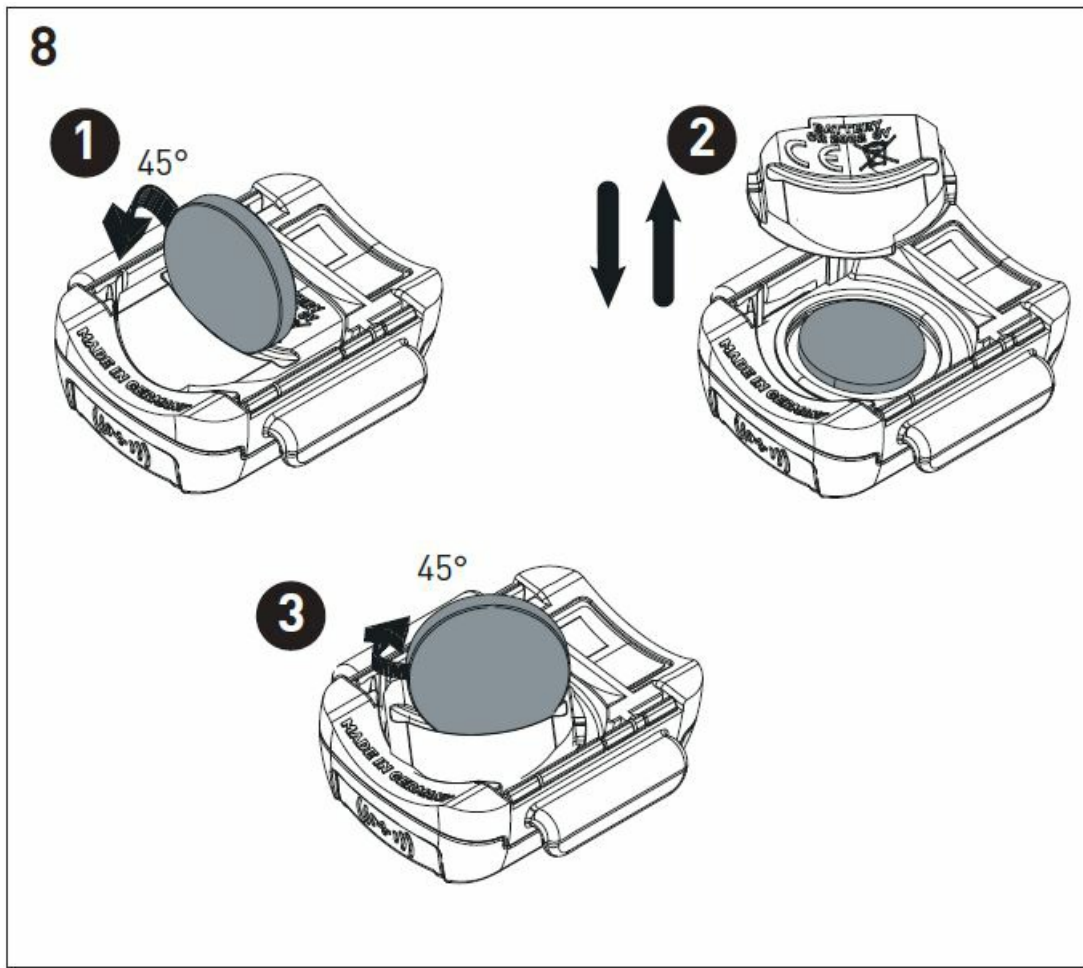
- Escaping foam and liquids
- Switch off and empty the machine immediately.

Exhaust-air outlet

CAUTION

- Hazardous dust
- Damage to the respiratory passage
- Do not blow off any dust!
- The exhaust-air outlet offers the option of diverting the exhaust air outside a building using the suction hose.
- Open the grille in front of the exhaust-air outlet [1-8].

- Insert the suction hose in the exhaust-air outlet [1-8].



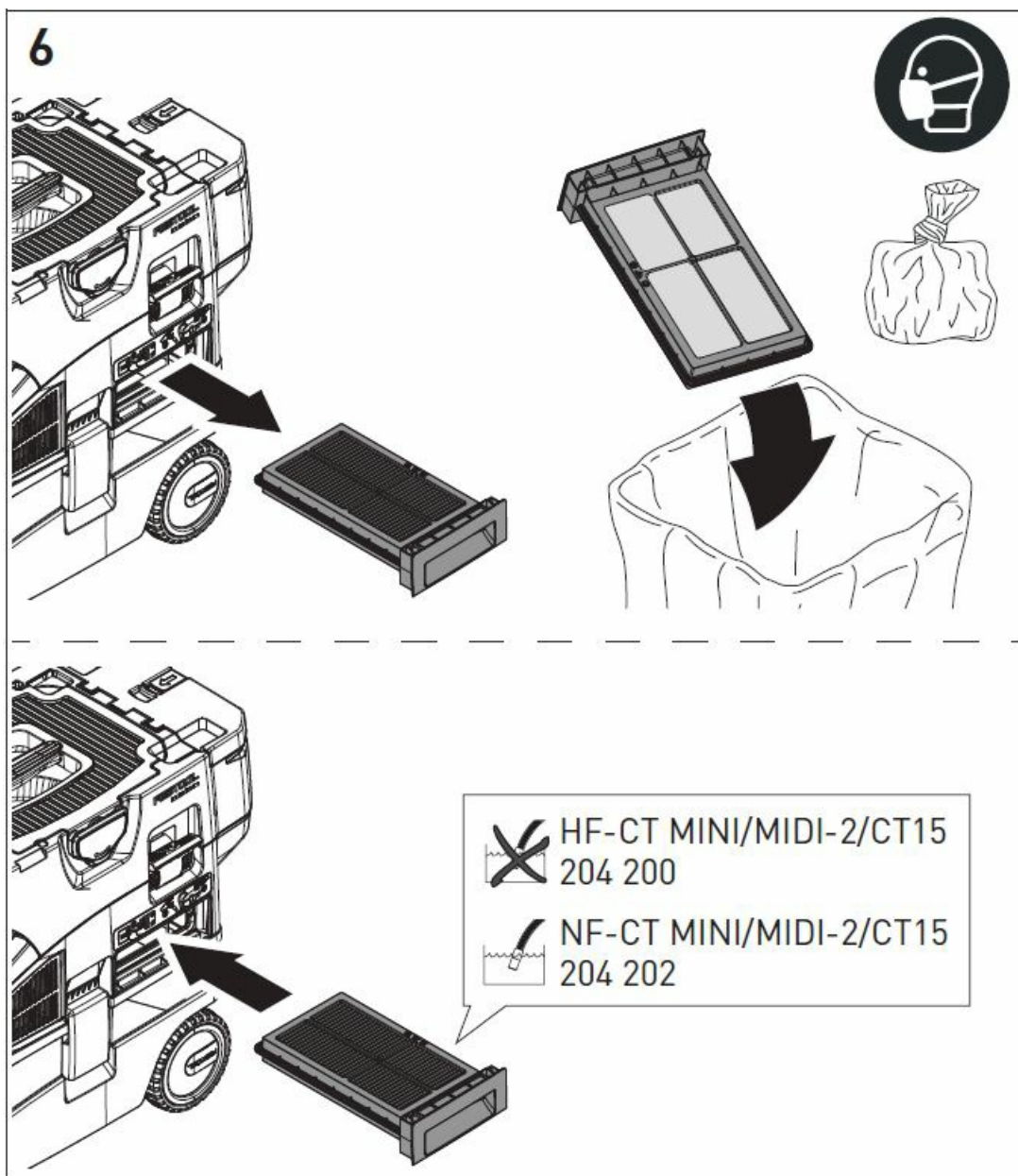
Cleaning the main filter and filter bag manually

- In standby mode, press the MAN button [1-13].
- Set the suction power to the maximum setting [1-14].
- Close the suction hose manually while at the same time briefly pressing down the cleaning lever [1-5] three times.

Changing the filter bag with minimal dust

- Open the locking clips and remove the top section of the machine [2].
- Pull the tab on the filter bag until the filter bag opening is fully closed. The filter bag is now securely closed and can be removed.
- Fit the top section of the machine and close the locking clips.

Changing the main filter



- Remove the used main filter [1-6].
- Dispose of the used main filter in accordance with statutory regulations.
- Insert the new main filter.

PO numbers for accessories, filters and consumables in the Festool catalogue or online at “ www.festool.com”.

NOTICE

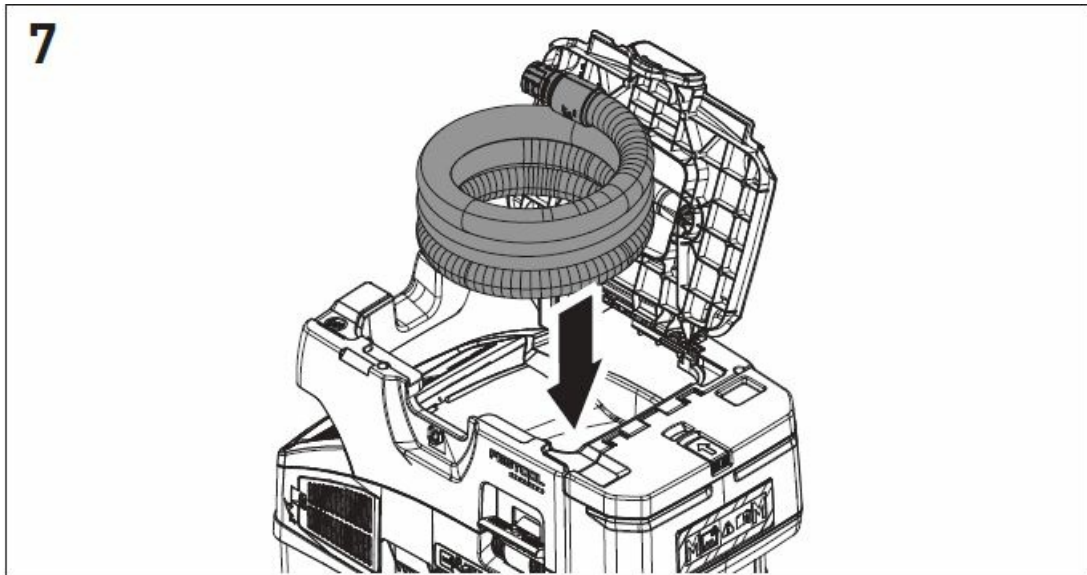
Damage to the motor

- Never extract material without a main filter or with a damaged main filter, as this can damage the motor.

After finishing work

- Switch off the cordless mobile dust extractor.
- Remove the battery pack.
- **Note:** Keep the unused battery pack away from metal objects (e.g. nails, screws, keys, paper clips, etc.) as these may cause bridging of the contacts.

- Empty the dirt trap.
- Place the suction hose in the sealable hose holder [7].



- Vacuum and wipe the inside and outside of the cordless mobile dust extractor to clean it.
- Place the cordless mobile dust extractor in a dry room inaccessible to unauthorised users.
- The lid of the hose holder [1-3] also serves as a storage area for tools.

Remote control

Intended use of remote control CT-F I

- The remote control can manually start / stop a connected cordless mobile dust extractor.
- The user is liable for improper or non-intended use.

Assembly

- Attach the remote control [1-18] to the suction hose using the corresponding fastening strap [1-23].
- To connect the remote control and the cordless mobile dust extractor, see section 9.2.

LED indicator [1-20]

The remote control's LED indicator displays, the charge status of the remote control in addition to the Bluetooth® functionality:

Documents / Resources

<p>CTL MINI I CTL MINI I CTL MINI I</p>	<p>FESTOOL CTLC MINI I Cordless Mobile Dust Extractor [pdf] Instruction Manual CTLC MINI I Cordless Mobile Dust Extractor, CTLC MINI I, Cordless Mobile Dust Extractor, Mobile Dust Extractor, Dust Extractor</p>
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