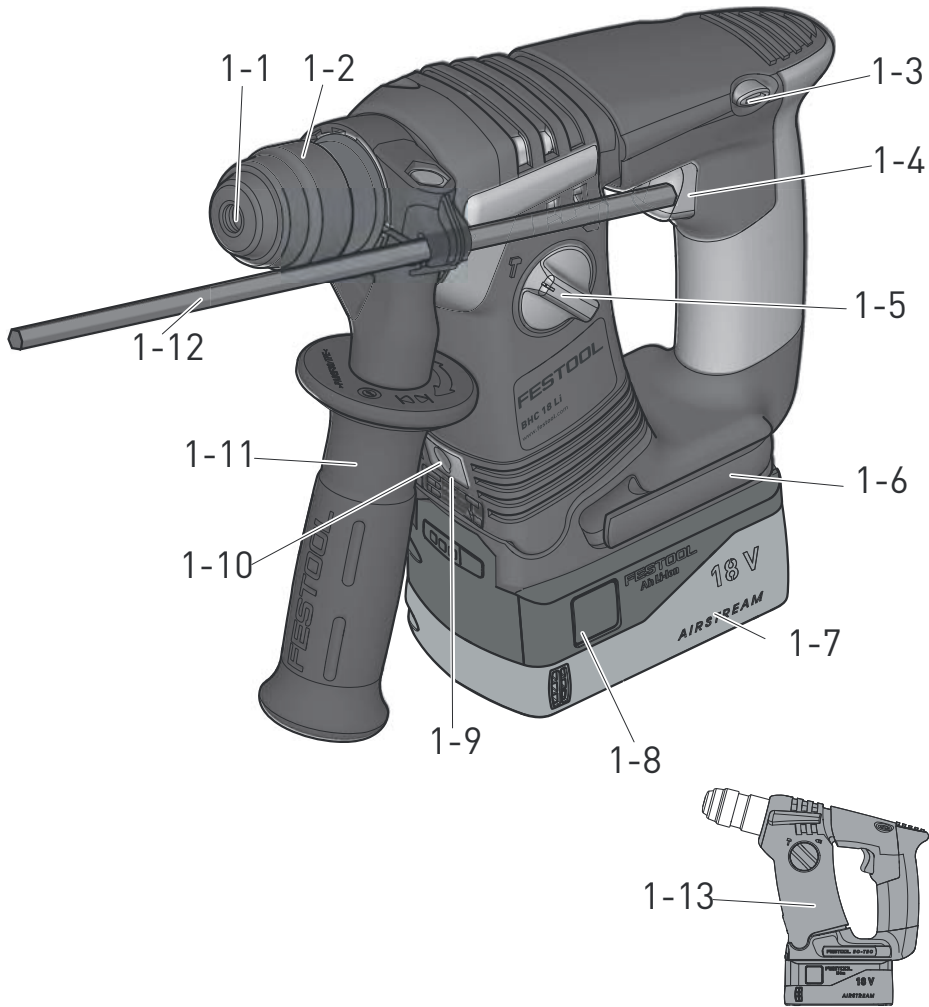


de	Originalbetriebsanleitung - Akku-Bohrhammer	7
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es	Manual de instrucciones original - Martillo perforador de batería	22
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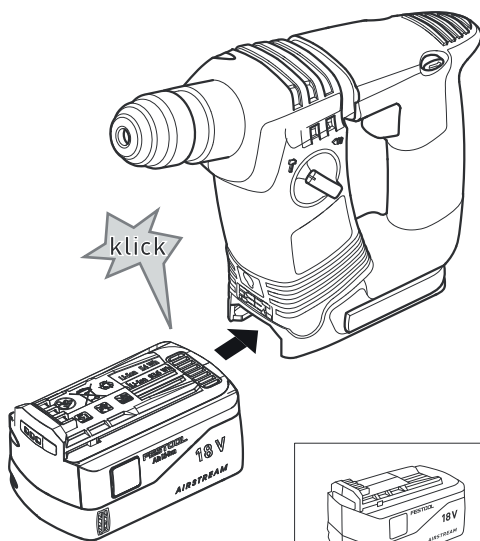
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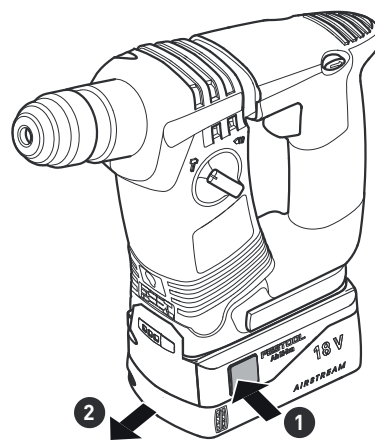
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2 A

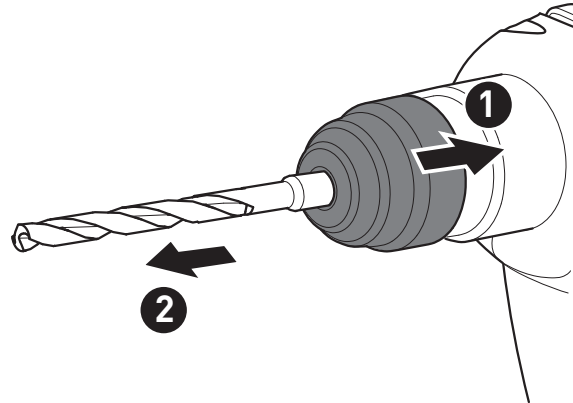
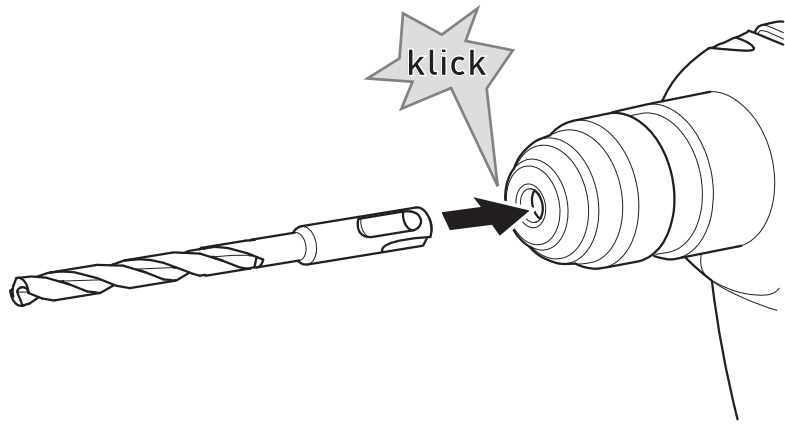


2 B

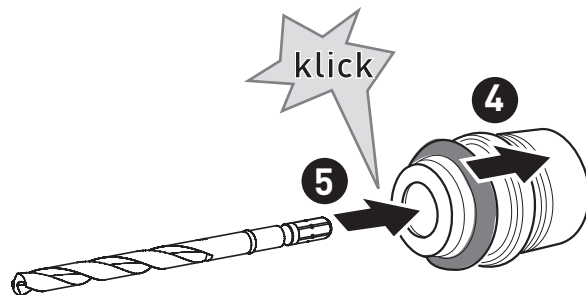
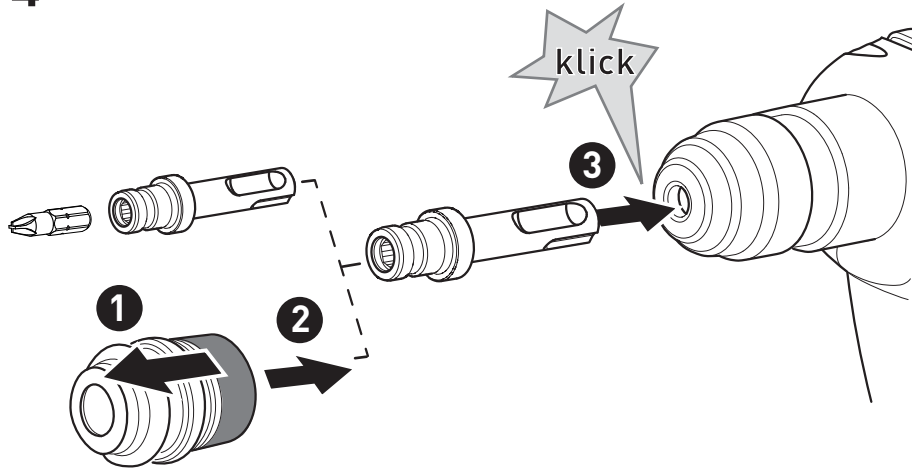


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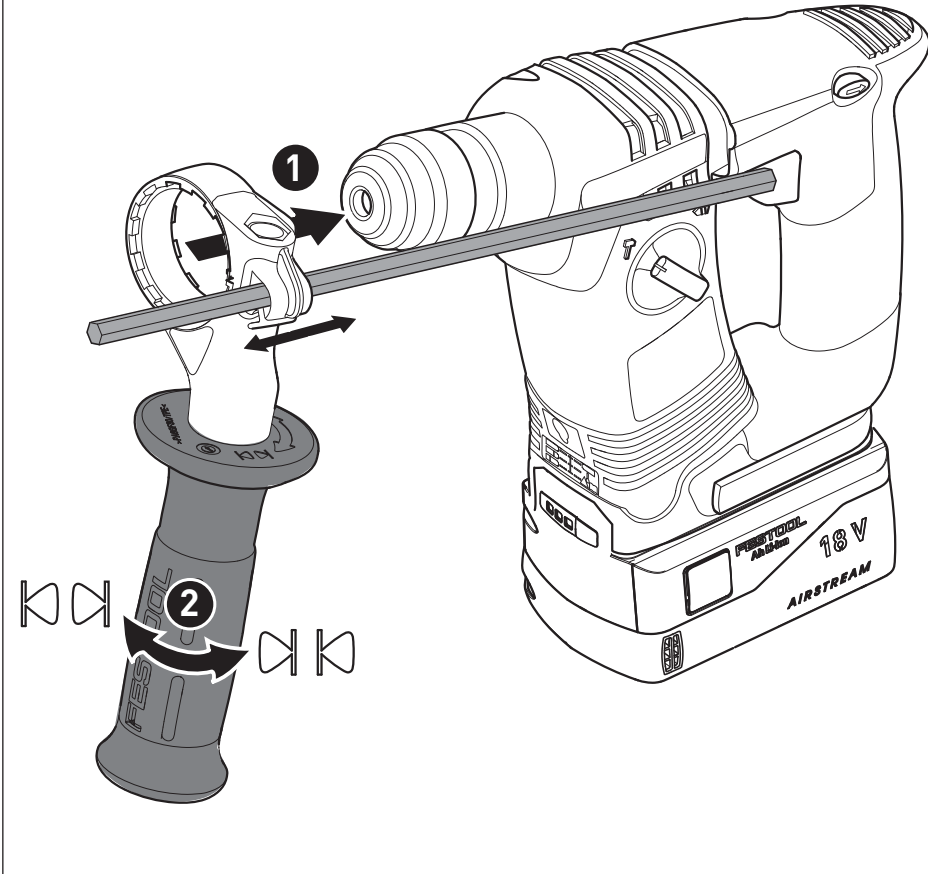
3



4



5



Akku-Bohrhammer	Seriennummer ¹⁾
Cordless rotary hammer	Serial number ¹⁾
Perforateur sans fil	N° de série ¹⁾
	(T-Nr.)
BHC 18	499818

de EG-Konformitätserklärung. Wir erklären in alleiniger Verantwortung, dass dieses Produkt allen einschlägigen Bestimmungen der folgenden Richtlinien einschließlich ihrer Änderungen entspricht und mit den folgenden Normen übereinstimmt:

en EC-Declaration of Conformity. We declare under our sole responsibility that this product is in conformity with all relevant provisions of the following directives including their amendments and complies with the following standards:

fr CE-Déclaration de conformité communautaire. Nous déclarons sous notre propre responsabilité que ce produit est conforme aux normes ou documents de normalisation suivants:

es CE-Declaración de conformidad. Declaramos bajo nuestra exclusiva responsabilidad que este producto corresponde a las siguientes normas o documentos normalizados:

it CE-Dichiarazione di conformità. Dichiariamo sotto la nostra esclusiva responsabilità che il presente prodotto è conforme alle norme e ai documenti normativi seguenti:

nl EG-conformiteitsverklaring. Wij verklaren op eigen verantwoordelijkheid dat dit produkt voldoet aan de volgende normen of normatieve documenten:

sv EG-konformitetsförklaring. Vi förklarar i eget ansvar, att denna produkt stämmer överens med följande normer och normativa dokument:

fi EY-standardinmukaisuusvakuutus. Vakuutamme yksinvastuullisina, etta tuote on seuraavien standardien ja normatiivisten ohjeiden mukainen:

da EF-konformitetserklæring Vi erklærer at have alene ansvaret for, at dette produkt er i overensstemmelse med de følgende normer eller normative dokumenter:

nb CE-Konformitetserklæring Vi erklærer på eget ansvar at dette produktet er i overensstemmelse med følgende normer eller normative dokumenter:

pt CE-Declaração de conformidade: Declaramos, sob a nossa exclusiva responsabilidade, que este produto corresponde às normas ou aos documentos normativos citados a seguir:

ru Декларация соответствия ЕС: Мы заявляем с исключительной ответственностью, что данный продукт соответствует следующим нормам или нормативным документам:

cs ES prohlášení o shodě: Prohlašujeme s veškerou odpovědností, že tento výrobek je ve shodě s následujícími normami nebo normativními dokumenty:

pl Deklaracja o zgodności z normami UE: Niniejszym oświadczamy na własną odpowiedzialność, że produkt ten spełnia następujące normy lub dokumenty normatywne:

2006/42/EG, 2014/30/EU²⁾, 2014/53/EU³⁾, 2011/65/EU

EN 60745-1:2009 + A11:2010, EN 60745-2-6:2010, EN 55014-1:2017²⁾, EN 55014-2:2015²⁾, EN 300 328:2016 V2.1.1³⁾, EN 301 489-1:2017 V2.1.1³⁾, EN 301 489-17:2017 V3.1.1³⁾, EN 50581:2012

CE Festool GmbH
Wertstr. 20, D-73240 Wendlingen
GERMANY

Wendlingen, 2019-01-10

ppa. [Signature]

Markus Stark
Head of Product Development

i. A. Q. [Signature]

Ralf Brandt
Head of Product Conformity

¹⁾ im definierten Seriennummer-Bereich (S-Nr.) von/in the specified serial number range (S-Nr.) from/dans la plage de numéro de série (S-Nr.) de 40000000 - 49999999

²⁾ gilt in Kombination mit Akku/valid in combination with battery pack/valable en combinaison avec batterie BP 18 Li 5,2 AS, BP 18 Li 6,2 AS, BP 18 Li 3,1 C

³⁾ gilt in Kombination mit Bluetooth® Akku/valid in combination with Bluetooth® battery pack/valable en combinaison avec Bluetooth® batterie BP 18 Li 5,2 ASI, BP 18 Li 6,2 ASI, BP 18 Li 3,1 CI

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1 Symbols



Warning of general danger



Warning of electric shock



Read the operating instructions and safety instructions.



Wear ear protection.



Wear protective gloves.



Wear a dust mask.



Wear protective goggles.



Do not dispose of it with domestic waste.



Inserting the battery pack



Removing the battery pack



Hammer drilling



Screwdriving/drilling



Tip or advice



Handling instruction

2 Safety warnings

2.1 General Power Tool Safety Warnings



WARNING! Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

Safe all warnings and instructions for future reference.

The term "power tool" in the warnings refers to your mains-powered (corded) power tools or battery-operated (cordless) power tools.

2.2 Machine-specific safety notices

- **Wear ear protectors.** Exposure to noise can cause hearing loss.
- **Use auxiliary handle(s), if supplied with the tool.** Loss of control can cause personal injury.
- **Hold power tool by insulated gripping surfaces, when performing an operation where the cutting accessory may contact hidden wiring.** Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.
- **Use appropriate detection devices to look for any hidden supply lines or consult your local utility company.** If the insertion tool makes contact with live cables, it can result in fire and electric shock. Damage to a gas pipe can lead to an explosion. Penetration of a water pipe can result in damage to property.
- **Harmful/toxic dust may be produced during your work (e.g. paint containing lead, certain types of wood and metal).** Inhaling or coming into contact with this dust may represent a hazard for operating personnel or persons in the vicinity. Comply with the safety regulations that apply in your country.



Wear a P2 dust mask to protect your health.



- **Wear suitable personal protective equipment:** Ear protection, protective goggles, dust mask for work that generates dust, protective gloves for working with rough materials and for changing tools.

**CAUTION! Power tool can jam and cause sudden kickback!** Switch off immediately!

- If a tool becomes stuck in the material, it can be removed simply by reversing the rotational direction of the machine.
- **Do not use the power tool in the rain or in damp surroundings.** Moisture in the power tool may cause a short circuit and fire.
- Do not lock the on/off switch in place permanently.
- **Do not use power supply units or third-party battery packs to operate cordless power tools. Do not use third-party chargers to charge the battery packs.** The use of accessories not expressly authorised by the manufacturer can result in electric shocks and/or serious accidents.

2.3 Emission levels

The levels determined in accordance with EN 60745 are typically:

Hammer drilling in concrete

Sound pressure level $L_{PA} = 90 \text{ dB(A)}$

Sound power level $L_{WA} = 101 \text{ dB(A)}$

Uncertainty $K = 3 \text{ dB}$

**CAUTION****Noise generated when working****Risk of damage to hearing**

- Use ear protection.

Vibration emission level a_h (vector sum for three directions) and uncertainty K measured in accordance with EN 60745:

Hammer drilling in concrete $a_h = 14.2 \text{ m/s}^2$
 $K = 1.5 \text{ m/s}^2$

The specified emission levels (vibration, noise)

- are used to compare machines.
- They are also used for making preliminary estimates regarding vibration and noise load during operation.
- They represent the primary applications of the power tool.

An increase is possible in other applications, with other insertion tools or if the machine is not maintained adequately. Take note of the machine's idling and downtimes.

3 Intended use

Cordless rotary hammer suitable

- for hammer drilling in concrete, brick and stone,
- for drilling in wood, metal, ceramic and plastic with no impact function,
- for inserting and tightening screws.
- intended for use with BP Festool battery packs of the same voltage class.



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

4 Technical data

Cordless hammer drill	BHC 18
Motor voltage	18 V
Idle engine speed	0-1100 rpm
Impact energy	1.8 J
Flange	43 mm
Tool holder	SDS-plus
Max. drill diameter:	
Steel	10 mm
Wood	25 mm
Hammer drilling in concrete	18 mm
Weight incl. additional handle, excl. battery pack	1.9 kg

5 Parts of the device

- [1-1]** Tool adapter
- [1-2]** Release sleeve
- [1-3]** Right/left switch
- [1-4]** On/Off switch
- [1-5]** Drilling/hammer drilling selector switch
- [1-6]** Belt clip
- [1-7]** Battery pack
- [1-8]** Button for releasing the battery pack
- [1-9]** Capacity display
- [1-10]** LED lamp
- [1-11]** Auxiliary handle
- [1-12]** Depth stop
- [1-13]** Insulated gripping surfaces (grey shaded area)

Accessories shown or described are not always included in the scope of delivery.

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

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 Changing the battery pack

Inserting the battery pack [2 A]

Removing the battery pack [2 B]

6.2 Lighting and battery capacity indicator



The LED [1-10] provides light and acts as a battery capacity indicator [1-9].

When the on/off switch [1-4] is pressed, the LED automatically displays the state of charge of the battery pack (not for NiCd and NiMH battery packs).



Green LED – steady light:

State of charge > 60%



Green LED – flashing slowly:

State of charge 30%–60%



Green LED – flashing quickly:

State of charge 0%–30%



Yellow LED – steady light:

Battery is flat



Red LED – steady light:

Temperature of the battery, electronics or motor is outside the permitted range.



Red LED – flashing: General fault indicator, e.g. not in full contact, short circuit, faulty battery pack, etc.

- ⓘ When the battery pack is empty, or if there is a power failure or the mains plug is removed, move the on/off switch immediately to the Off position. This prevents uncontrolled restarting.

- ⓘ Further information about the charger and battery pack with capacity indicator can be found in the corresponding operating manual.

7 Settings

7.1 Changing direction of rotation [1-3]

- Switch to the left = clockwise rotation
- Switch to the right = counterclockwise rotation

7.2 Selecting the operating mode



Hammer drilling

Set selector switch [1-5] to hammer symbol.



Screwdriving/drilling

Set selector switch [1-5] to drill symbol.

8 Tool holder, attachments



WARNING

Risk of injury

- ▶ Remove the battery pack from the power tool before performing any work on the power tool.

8.1 Changing tools [3]

- ⓘ Drills are clamped by means of the SDS-plus system without using a wrench.



CAUTION

Hot and sharp tools

Risk of injury

- ▶ Do not use any blunt or defective insert tools.
- ▶ Wear protective gloves.

Inserting the tool

- ▶ Clean the tool shank and apply a coating of multipurpose grease.
- ▶ Do [1-2] **not** retract the release sleeve, but insert the tool in the tool holder [1-1] and turn until it engages.
- ▶ Check that the tool is seated correctly.

Removing the tool

- ▶ Push the unlocking sleeve [1-2] back and remove the tool.

8.2 CENTROTEC tool chuck [4]

Quick change of tools with CENTROTEC shaft



Only clamp CENTROTEC tools in CENTROTEC tool chucks.

- ▶ Before working with the CENTROTEC tool chuck, set the selector switch [1-5] to the drill symbol.

8.3 Auxiliary handle [1-11]

- ⚠ Always use the additional handle [1-11] to guarantee a safe, non-tiring working posture.

Attaching the additional handle [7]

- ▶ Attach the additional handle [1-11] to the neck of the gear housing.
- ▶ Turn the grip anticlockwise until the additional handle [1-11] is secured in position.

8.4 Depth stop [1-12]

- ⓘ The drilling depth can be adjusted using the depth stop [1-12].

Attaching the depth stop [1-12]

- ▶ Unscrew the additional handle [1-11] by turning the grip anticlockwise.
- ▶ Insert the depth stop [1-12] in the additional handle [1-11].
- ▶ Pull out the depth stop [1-12] until the distance between the tip of the drill and the tip of the depth stop corresponds to the desired drilling depth.
- ▶ Tighten the grip on the additional handle [1-11] again.

8.5 Extraction

Please observe the safety regulations applicable in your country for dust. The relevant limit values must be observed at the workstation. A dust extractor may be required for corresponding dust exposure and depending on regulations. Festool offers a drilling dust nozzle in the accessories system.

9 Working with the machine



WARNING

Risk of injury

- ▶ Always secure the workpiece in such a manner that it cannot move while being machined.

9.1 On/Off switch [1-4]

Press = ON, release = OFF

- ⓘ The speed of the machine depends on how far the on/off switch is pressed in.

9.2 Belt clip [1-6]

The belt clip (right/left) allows the tool to be attached to work attire for brief periods.

9.3 Acoustic warning signal

Acoustic warning signals sound and the power tool switches off in the following operating states:



peep

Battery flat or power tool overloaded:

- ▶ Change the battery
- ▶ Reducing the load on the power tool

10 Service and maintenance



WARNING

Risk of injury, electric shock

- ▶ Always remove the battery pack from the power tool before performing any maintenance or service work.
- ▶ All maintenance and repair work which requires the motor housing to be opened should always be carried out by an authorised service workshop.



Customer service and repairs must only be carried out by the manufacturer or service workshops. Find the nearest address at:
www.festool.co.uk/service



Always use original Festool spare parts. Order no. at:
www.festool.co.uk/service

To ensure constant air circulation, always keep the cooling air openings in the motor housing clean and free of blockages.

Keep the contacts on the power tool, charger and battery pack clean.

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

Imported into the UK by

Festool UK Ltd
1 Anglo Saxon Way
Bury St Edmunds
IP30 9XH
Great Britain

12.1 Information on data privacy

The power tool contains a chip which automatically stores machine and operating data. The data saved cannot be traced back directly to an individual.

The data can be read in a contactless manner using special devices and shall only be used by Festool for fault diagnosis, repair and warranty processing and for quality improvement or enhancement of the power tool. The data shall not be used in any other way without the express consent of the customer.