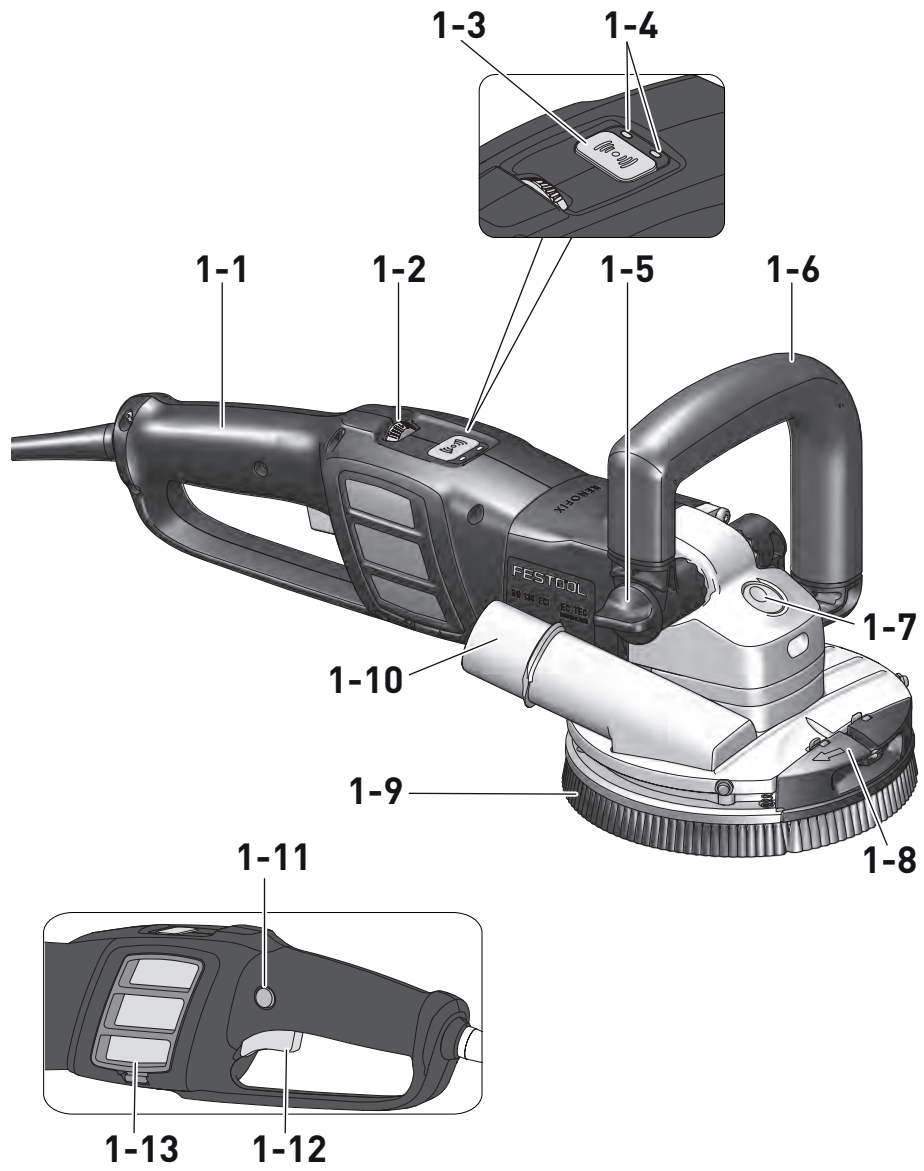


de	Originalbetriebsanleitung - Sanierungsschleifer	8
en	Original Instructions - surface-restoration grinders	17
fr	Notice d'utilisation d'origine - ponceuse de rénovation	25
es	Manual de instrucciones original - Amoladoras de saneamiento	34
it	Istruzioni d'uso originali - Levigatrici per risanamenti	43
nl	Originele gebruiksaanwijzing - renovatiefrees	52
sv	Originalbruksanvisning - Betongslip	61
fi	Alkuperäiset käyttöohjeet - Saneeraushiomakone	69
da	Original brugsanvisning - betonsliber	78
nb	Bruksanvisning - Saneringsliper	86
pt	Manual de instruções original - Lixadora de restauro	94
ru	Оригинальное руководство по эксплуатации — зачистная шлифмашина	103
cs	Originální návod k obsluze – sanační bruska	113
pl	Oryginalna instrukcja obsługi - szlifierka z osprzętem diamentowym	121

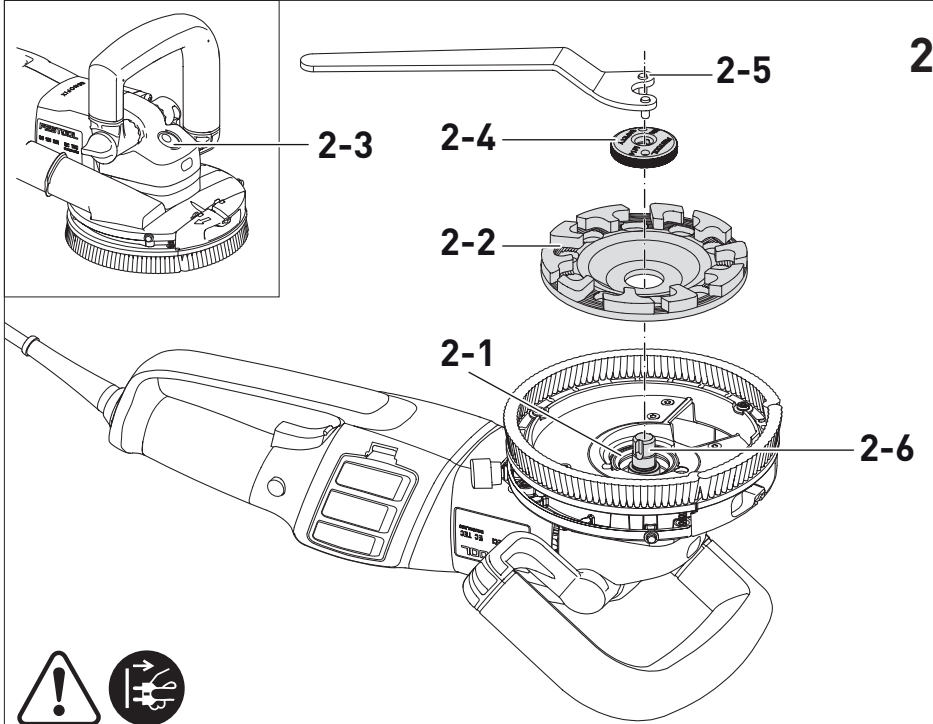
## RG 130 ECI

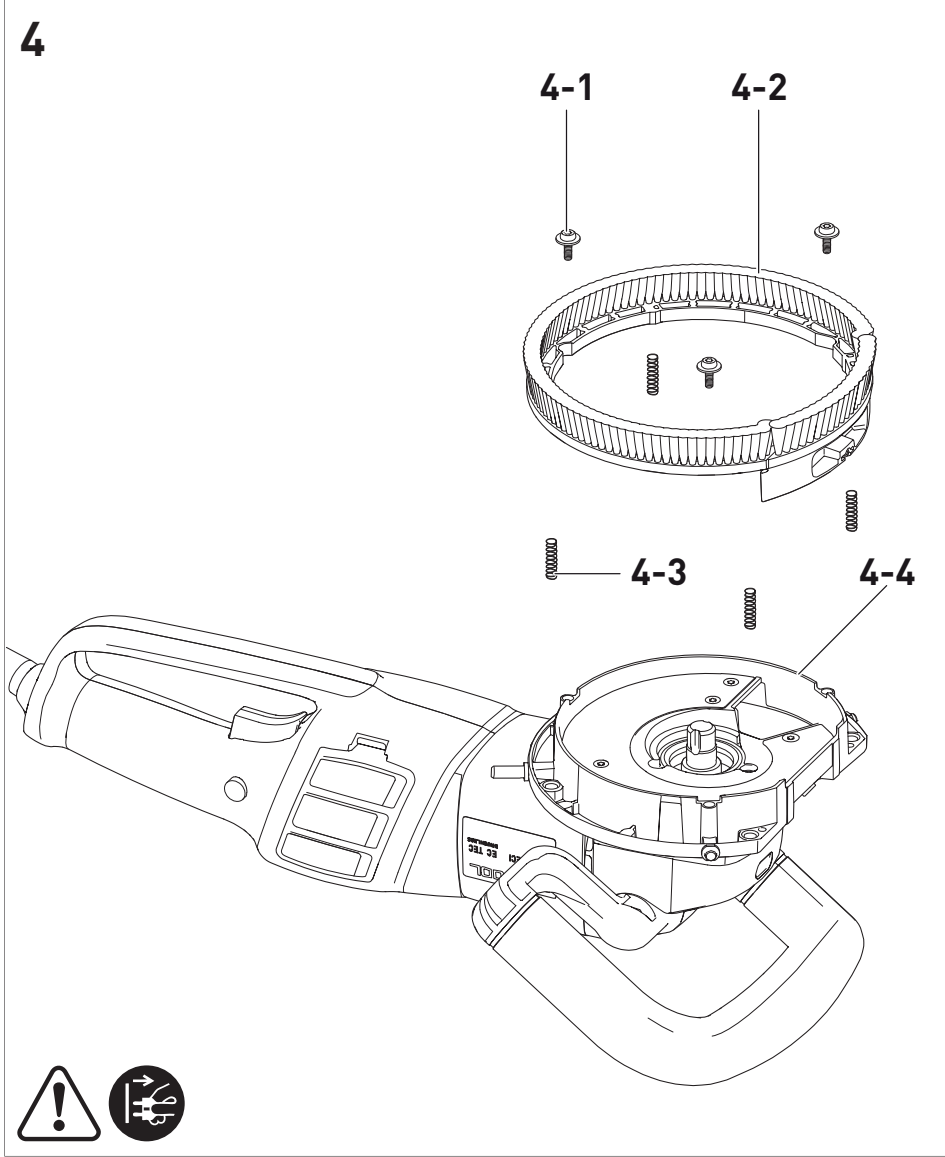
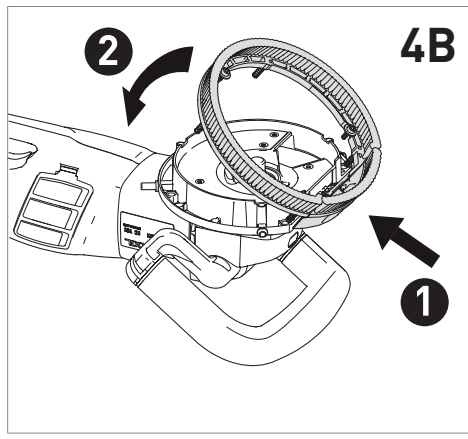
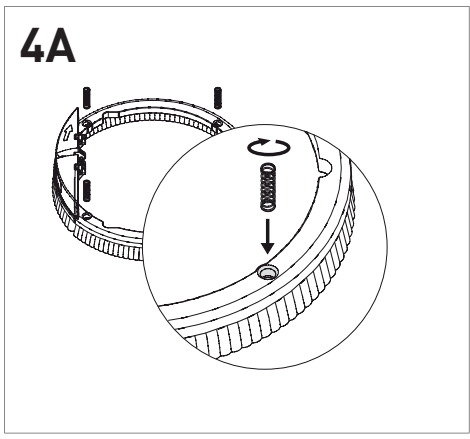
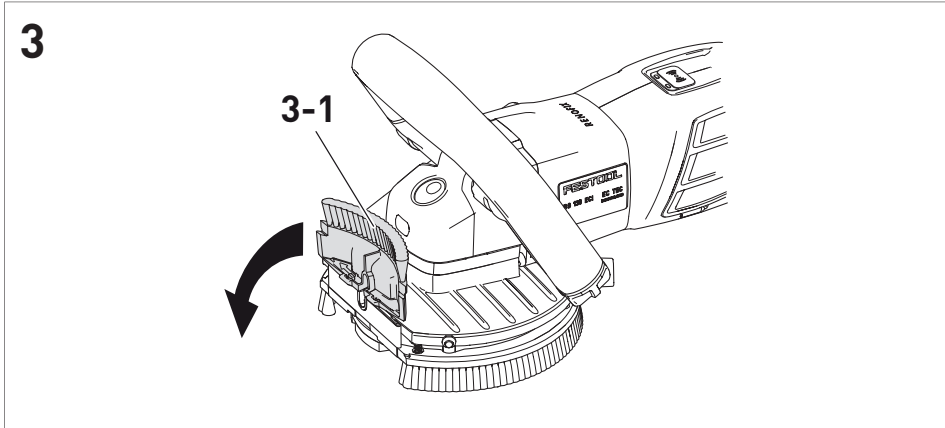


1

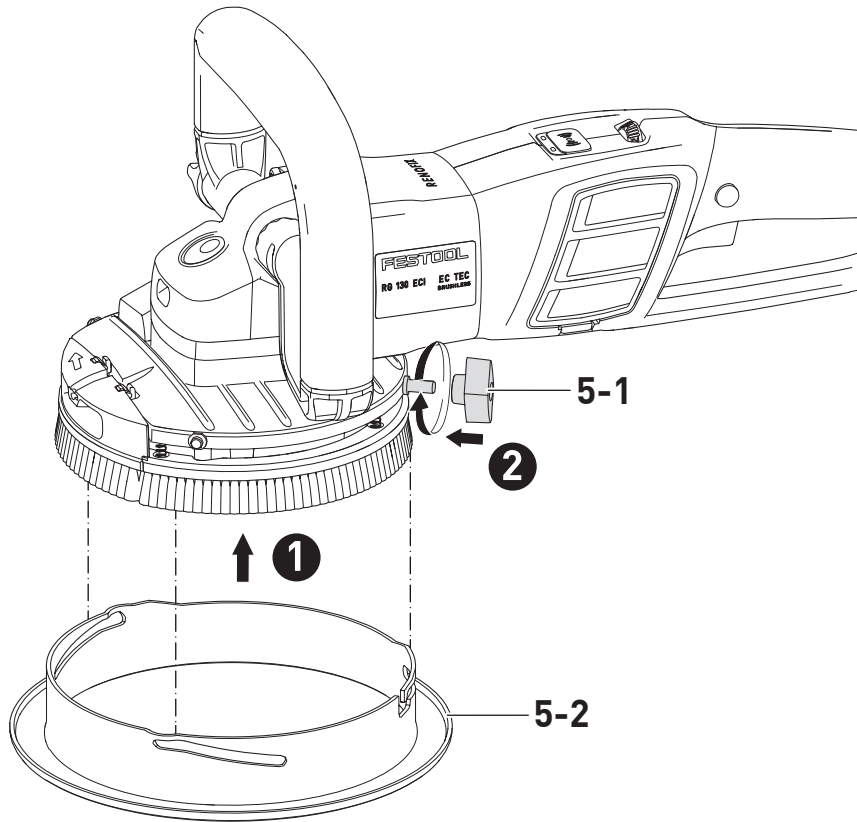


2

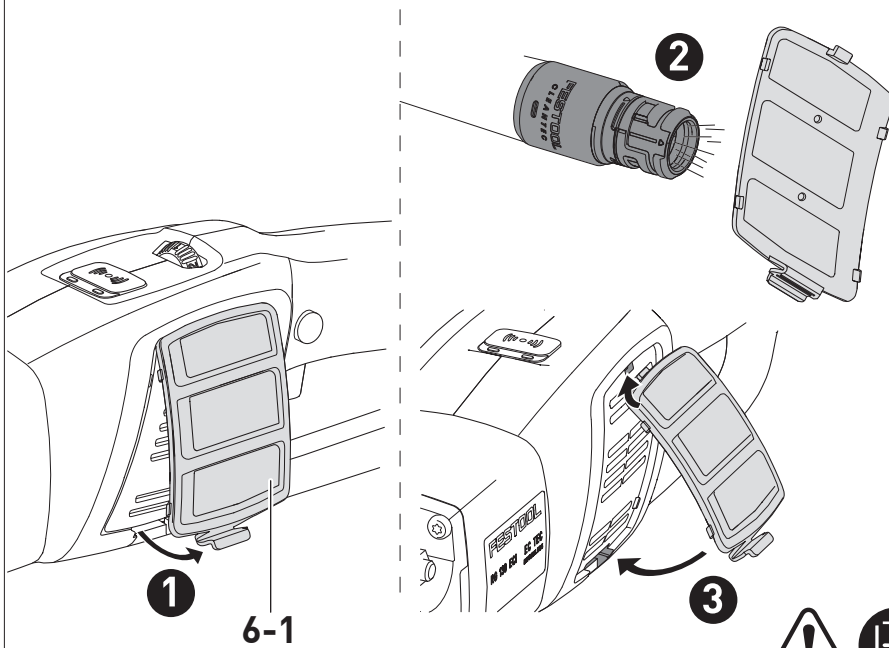




5



6



We as the manufacturer declare under our sole responsibility that the product(s) fulfill(s) all the relevant provisions of the following UK Regulations and are manufactured in accordance with the following designated standards:

---

S.I. 2008/1597	Supply of Machinery [Safety] Regulations 2008
S.I. 2016/1091	Electromagnetic Compatibility Regulations 2016
S.I. 2017/1206	Radio Equipment Regulations 2017
S.I. 2021/422	Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012

BS EN 62841-1:2015  
BS EN IEC 62841-2-3:2021 +A11:2021  
BS EN 55014-1:2017 +A11:2020  
BS EN 55014-2:2015  
BS EN 55032:2015  
BS EN IEC 61000-3-2:2019  
BS EN 61000-3-3:2013 + A1:2019  
EN 300 328 V2.2.2  
EN 303 446-1 V1.2.1  
EN 301 489-1 V2.2.3  
EN 301 489-17 V3.2.4  
BS EN IEC 63000:2018

---



Signed on behalf of and in name of  
**Festool GmbH**  
Wertstr. 20, 73240 Wendlingen, GERMANY

Place and date of declaration: Wendlingen, 2022-08-16

Jörg Wilde  
Head of Technology and Component Development

Christian Bader  
Head of Development Functions

<sup>1)</sup> in the specified serial number range (S-Nr.) from 40000000 - 49999999

<b>Sanierungsschleifer</b>	<b>Seriennummer *</b>
<b>Surface-restoration grinder</b>	<b>Serial number *</b>
<b>Ponceuse de rénovation</b>	<b>N° de série *</b>
	<b>(T-Nr.)</b>
RG 130 ECI	10278851, 10453137 10453138, 10469743

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

**da EU-overensstemmelseserklæring.** Vi erklærer med eneansvar, 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 eneansvar 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 wymogi następujących dyrektyw UE, norm lub dokumentów normatywnych.

2006/42/EC, 2014/30/EU, 2014/53/EU, 2011/65/EU  
EN 62841-1:2015  
EN IEC 62841-2-3:2021 + A11:2021  
EN 55014-1:2017 + A11:2020, EN 55014-2:2015  
EN 55032:2015  
EN IEC 61000-3-2:2019  
EN IEC 61000-3-3:2013 + A1:2019  
EN 300 328 V2.2.2, EN 303 446-1 V1.2.1  
EN 301 489-1 V2.2.3, EN 301 489-17 V3.2.4  
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, 2022-08-16

Jörg Wilde  
Head of Technology and Component Development

Christian Bader  
Head of Development Functions

\* 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

## Contents

1	Symbols.....	17
2	Safety warnings.....	17
3	Intended use.....	20
4	Technical data.....	20
5	Parts of the device.....	21
6	Commissioning.....	21
7	Working with the electric power tool.....	23
8	Service and maintenance.....	23
9	Storage.....	24
10	Accessories.....	24
11	Environment.....	24
12	General information.....	24

## 1 Symbols



Warning of general danger



Warning of electric shock



Read the operating instructions and safety instructions.



Wear protective goggles and ear protection.



Wear a dust mask.



Wear protective gloves when changing tools!



Always operate with two hands.



Pull out the mains plug



Safety class II



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 manufacturer's indication that the product is in conformance with the relevant regulations in the UK.



Direction of rotation of the grinding wheel



Do not dispose of it with domestic waste.



Tool contains a chip which stores data. See section 12.1



Tip or advice



Handling instruction

## 2 Safety warnings

### 2.1 General power tool 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.**

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

### 2.2 Safety instructions for grinding

- **This power tool is intended to function as a grinder. 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.
- **Operations such as sanding, wire brushing, polishing, hole cutting or cutting-off are not to be performed with this power tool.** Operations for which the power tool was not designed may create a hazard and cause personal injury.
- **Do not convert this power tool to operate in a way which is not specifically designed and specified by the tool manufacturer.** Such a conversion may result in a loss of control and cause serious personal injury
- **Do not use accessories which are not specifically designed and specified by the tool manufacturer.** Just because the accessory can be attached to your power tool, it does not assure safe operation.
- **The rated speed of the accessory must be at least equal to the maximum speed marked on the power tool.** Accessories running faster than their rated speed can break and fly apart.
- **The outside diameter and the thickness of your accessory must be within the capacity rating of your power tool.** Incorrectly sized accessories cannot be adequately guarded or controlled.

- **The dimensions of the accessory mounting must fit the dimensions of the mounting hardware of the power tool.** Accessories that do not match the mounting hardware of the power tool will run out of balance, vibrate excessively and may cause loss of control.
- **Do not use a damaged accessory. Before each use inspect the accessory such as abrasive wheels for chips and cracks, backing pad for cracks, tear or excess wear, wire brush for loose or cracked wires. If power tool or accessory is dropped, inspect for damage or install an undamaged accessory. After inspecting and installing an accessory, position yourself and bystanders away from the plane of the rotating accessory and run the power tool at maximum no-load speed for one minute.** Damaged accessories will normally break apart during this test time.
- **Wear personal protective equipment. Depending on application, use face shield, safety goggles or safety glasses. As appropriate, wear dust mask, hearing protectors, gloves and workshop apron capable of stopping small abrasive or workpiece fragments.** The eye protection must be capable of stopping flying debris generated by various operations. The dust mask or respirator must be capable of filtering particles generated by your operation. Prolonged exposure to high intensity noise may cause hearing loss.
- **Keep bystanders a safe distance away from work area. Anyone entering the work area must wear personal protective equipment.** Fragments of workpiece or of a broken accessory may fly away and cause injury beyond immediate area of operation.
- **Hold the power tool by insulated gripping surfaces only, when performing an operation where the cutting accessory may contact hidden wiring or its own cord.** Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.
- **Position the cord clear of the spinning accessory.** If you lose control, the cord may be cut or snagged and your hand or arm may be pulled into the spinning accessory.
- **Never lay the power tool down until the accessory has come to a complete stop.**

The spinning accessory may grab the surface and pull the power tool out of your control.

- **Do not run the power tool while carrying it at your side.** Accidental contact with the spinning accessory could snag your clothing, pulling the accessory into your body.
- **Regularly clean the power tool's air vents.** The motor's fan will draw the dust inside the housing and excessive accumulation of powdered metal may cause electrical hazards.
- **Do not operate the power tool near flammable materials.** Sparks could ignite these materials.
- **Do not use accessories that require liquid coolants.** Using water or other liquid coolants may result in electrocution or shock.

### Kickback and Related Warnings

Kickback is a sudden reaction to a pinched or snagged rotating wheel, backing pad, brush or any other accessory. Pinching or snagging causes rapid stalling of the rotating accessory which in turn causes the uncontrolled power tool to be forced in the direction opposite of the accessory's rotation at the point of the binding. For example, if an abrasive wheel is snagged or pinched by the workpiece, the edge of the wheel that is entering into the pinch point can dig into the surface of the material causing the wheel to climb out or kick out. The wheel may either jump toward or away from the operator, depending on direction of the wheel's movement at the point of pinching. Abrasive wheels may also break under these conditions.

Kickback is the result of power tool misuse and/or incorrect operating procedures or conditions and can be avoided by taking proper precautions as given below.

- **Maintain a firm grip with both hands on the power tool and position your body and arms to allow you to resist kickback forces. Always use auxiliary handle, if provided, for maximum control over kickback or torque reaction during start-up.** The operator can control torque reactions or kickback forces, if proper precautions are taken.
- **Never place your hand near the rotating accessory.** Accessory may kickback over your hand.
- **Do not position your body in the area where power tool will move if kickback oc-**



**curls.** Kickback will propel the tool in direction opposite to the wheel's movement at the point of snagging.

- **Use special care when working corners, sharp edges etc. Avoid bouncing and snagging the accessory.** Corners, sharp edges or bouncing have a tendency to snag the rotating accessory and cause loss of control or kickback.
- **Do not attach a saw chain woodcarving blade, segmented diamond wheel with a peripheral gap greater than 10 mm or toothed saw blade.** Such blades create frequent kickback and loss of control.

### Additional safety instructions for grinding

#### Safety warnings specific for grinding

- **Use only wheel types that are specified for your power tool and the specific guard designed for the selected wheel.** Wheels for which the power tool was not designed cannot be adequately guarded and are unsafe.
- **The grinding surface of centre depressed wheels must be mounted below the plane of the guard lip.** An improperly mounted wheel that projects through the plane of the guard lip cannot be adequately protected.
- **The guard must be securely attached to the power tool and positioned for maximum safety, so the least amount of wheel is exposed towards the operator.** The guard helps to protect the operator from broken wheel fragments, accidental contact with wheel and sparks that could ignite clothing.
- **Wheels must be used only for specified applications. For example: do not grind with the side of cut-off wheel.** Abrasive cut-off wheels are intended for peripheral grinding, side forces applied to these wheels may cause them to shatter.
- **Always use undamaged wheel flanges that are of correct size and shape for your selected wheel.** Proper wheel flanges support the wheel thus reducing the possibility of wheel breakage. Flanges for cut-off wheels may be different from grinding wheel flanges.
- **When using dual purpose wheels always use the correct guard for the application being performed.** Failure to use the correct guard may not provide the desired lev-

el of guarding, which could lead to serious injury.

## 2.3 Further safety instructions



- **Wear suitable personal protective equipment:** Ear protection, safety goggles, a dust mask for work that generates dust.
- **Harmful/toxic dust may be produced during your work (e.g. paint containing lead, certain types of wood and metal). Only qualified persons are permitted to handle materials containing asbestos.** A contact with or inhalation of this dust may pose a risk for the operating personnel or persons in the vicinity. Comply with the safety regulations that apply in your country.
- Wear suitable breathing protection to protect your health. In enclosed spaces, ensure that there is sufficient ventilation and connect a mobile dust extractor.
- The power tool is not approved for operation in moist and wet environments, in rain, fog and snow or in potentially explosive atmospheres.
- Never perform work while standing on ladders.
- **Check the power tool, mains plug and the mains power cable regularly to avoid hazards and have them replaced by an authorised after-sales service workshop if they become damaged.** A fault on the mains plug or mains power cable can lead to electric shocks.
- Replace defective, worn or vibrating insertion tools.
- Always guide the power cable from the tool to the rear. Never pull hard on the power cable and never place it on or guide it over any sharp edges.
- Check to make sure the material to be processed does not contain any electrical, water or gas lines – there is a risk of accident.
- Only guide the power tool towards the workpiece when it is switched on.
- Do not sand over metal objects, nails or screws.
- **Only for AS/NZS:** The tool shall always be supplied via residual current device with a rated residual current of 30 mA or less.

## 2.4 Safety warnings for sanding tools

- Sanding tools are fragile, which is why you must be extremely careful when handling them. The use of damaged, incorrectly clamped or inserted sanding tools is dangerous and can cause serious injuries.
- Ensure that the sanding tools are not exposed to any mechanical damage or harmful environmental conditions during storage.
- Handle and transport sanding tools with care.
- Pay attention to the information on the label or the sanding tool itself, as well as usage restrictions, safety warnings or other instructions. If any points are unclear when choosing sanding tools, the user must contact the manufacturer for information before using the tool.
- Sanding discs must be fitted in accordance with section 6.4.
- Only experienced staff are permitted to fit sanding tools.

## 2.5 Emission levels

The levels determined in accordance with EN 62841 are typically:

Sound pressure level	$L_{PA} = 96 \text{ dB(A)}$
Sound power level	$L_{WA} = 85 \text{ dB(A)}$
Uncertainty	$K = 3.0 \text{ dB}$



### 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 62841:

$$a_h = 4.0 \text{ m/s}^2$$

$$K = 1.5 \text{ m/s}^2$$

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.



### CAUTION

**The emission values may deviate from the specified values. This is dependent on how the tool is used and the type of workpiece being machined.**

- The actual load during the entire operating cycle must be evaluated.
- Depending on the actual load, suitable protective measures must be defined in order to protect the operator.
- Grinding thin sheets of metal or other easily vibrating structures with a large surface can result in a total noise emission much higher than the declared noise emission values. Such workpieces should as far as possible be prevented from emitting sound by suitable measures such as the application of heavy flexible damping mats.

## 3 Intended use

The power tool is intended for surface sanding on concrete surfaces, sanding off formwork transitions and removing plaster, paint, adhesive residue, coatings or rust and for cleaning concrete and wooden surfaces.

The power tool is designed for use with special sanding discs according to EN 13236 recommended by the manufacturer (see section 6.4) and must not be used with composite sanding discs.

The power tool must only be used for dry sanding of large surfaces with a powerful mobile dust extractor.



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

## 4 Technical data

Surface-restoration grinders	RG 130 ECI
Power	
EU	220–240 V~
CH	230 V~
GB	110 V~/230 V~
AUS	220–240 V~
Frequency	50–60 Hz
Power consumption	1600 W
Speed (no-load)	2200–6500 rpm
Sanding disc diameter	130 mm

<b>Surface-restoration grinders</b>	<b>RG 130 ECI</b>
Dust extraction connection	36 mm
Frequency	2402 MHz-2480 MHz
Equivalent Isotropically Radiated Power (EIRP)	< 10 dBm
Weight as per EPTA procedure 01:2014	3.9 kg

## 5 Parts of the device

<b>[1-1]</b>	Handle
<b>[1-2]</b>	Speed control
<b>[1-3]</b>	Bluetooth® button
<b>[1-4]</b>	LED indicator
<b>[1-5]</b>	Handle screw
<b>[1-6]</b>	Auxiliary handle
<b>[1-7]</b>	Spindle lock
<b>[1-8]</b>	Tilting brush segment
<b>[1-9]</b>	Brush
<b>[1-10]</b>	Extraction attachment
<b>[1-11]</b>	Locking button
<b>[1-12]</b>	On/off switch
<b>[1-13]</b>	Dust screen

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

## 6 Commissioning



### WARNING

#### Risk of injury, electric shock

- ▶ Always disconnect the mains plug from the socket before performing any work on the machine.



### WARNING

#### Unauthorised voltage or frequency.

#### Risk of accidents

- ▶ The mains voltage and the frequency of the power source must correspond to the specifications on the name plate.
- ▶ In North America, only Festool machines with the voltage specifications 120 V / 60 Hz may be used.



### CAUTION

#### Breaking and flying insertion tools

#### Risk of injury

- ▶ Do not use any damaged insertion tools. After switching on the power tool and before each use, check the insertion tools for vibration.



### CAUTION

#### Materials which produce a lot of dust

#### Damage to the power tool due to the ingress of dust, risk of injury

- ▶ Do not work overhead.
- ▶ Always work with a dust screen.

### 6.1 Switch on/off

The switch **[1-12]** is an on/off switch (press = ON, release = OFF).

The on/off switch **[1-12]** with the locking button **[1-11]** can be engaged to operate in continuous mode. Press the on/off switch **[1-12]** again to release the lock.

### 6.2 Electronics

#### Smooth start-up

The electronically controlled smooth start-up function ensures that the power tool starts up smoothly. The limited starting current ensures that even standard household fuses are not triggered.

#### Speed control

You can use the speed control **[1-2]** to continuously adjust the speed within the speed range (see section 4).

The required speed depends on the sanding disc and the material.

#### Overload safety device

The power supply is restricted if the power tool is overloaded to extremes. The power supply is disconnected completely if the motor jams for some time. You will need to remove the load and/or switch off the power tool before you can use it again.

#### Restart protection

The built-in restart protection prevents the power tool from starting up again automatically if the power is disconnected during continuous use. To put the power tool back into operation, it must first be switched off and then on again.

### Constant speed

The preselected motor speed is kept constant through electronic control. This ensures a uniform speed even when under load.

### Temperature cut-out

To avoid the motor overheating, the power consumption is limited at an excessive motor temperature (e.g. if the pressure is too high while working). If the temperature continues to rise, the power tool switches off. It can only be switched on again once the motor has cooled sufficiently.




### 6.3 Handle position


Loosen the handle screw [1-5] as much as necessary and set the handle [1-6] to a suitable working position by tilting it. Then tighten the handle screw [1-5] again.

### 6.4 Sanding discs

Depending on the application area, various sanding discs are available. Use solely discs of Festool, which guarantees the sanding output of the RG 130 ECI.

#### Recommended sanding disc types

Sanding disc	Field of application	Speed range
	<b>DIA STONE-D130</b> Very hard materials, e.g. concrete with a strength higher than C20, cast concrete	6
	<b>DIA HARD-D130</b> Hard materials, e.g. concrete with a strength higher than C10, hard screed	6
	<b>DIA ABRASIV-D130</b> Soft materials with a higher level of abrasion, e.g. fresh concrete, adhesive coatings, hard plaster, sandstone	6

Sanding disc	Field of application	Speed range
	<b>DIA PAINT-D130</b> Large and thick layers of paint or varnish, e.g. on floorboards, wooden façades and doors	4-6
	<b>DIA THERMO-D130</b> Tough and thermoelastic materials, e.g. protective coatings, elastic adhesives	5-6

### Installing the abrasive wheel



#### CAUTION

#### Risk of injury from hot and sharp insertion tool

- ▶ Do not use any blunt or faulty insertion tools.
- ▶ Wear protective gloves when handling an insertion tool.



#### WARNING

#### Risk of injury from the fragile sanding tool

- ▶ Ensure that the sanding tool's expiry date has not been exceeded.
- ▶ Clean the flange [2-1] and fastening nut [2-4] as well as sanding disc fastening areas [2-2].
- ▶ Mount sanding disc. Flange fitting must fit the sanding disc aperture.
- ▶ Press in the spindle blocking plunger [2-3]. Press in the blocking plunger only when device is switched off and spindle not active.
- ▶ Turn the spindle [2-6] until blocking plunger fits in.
- ▶ Screw the fastening nut by fitting it from the sanding disc on the spindle.
- ▶ Fasten the fastening nut with key [2-5].
- ▶ Before starting the device, make sure the sanding disc rotates smoothly.

- ⓘ The intermediate layers supplied with the sanding discs are not required.

### 6.5 Brush

#### Lifting the front brush

For wall lifting, it is possible to lift the lifting segment [3-1] (see figure [3]).

## Brush replacement

The brush [4-2] must be replaced when it becomes worn.

- ▶ Unscrew the screws with the washers [4-1] first, then remove the brush from the cover [4-4] with the springs [4-3].
- ▶ Insert the springs in the openings of the new brush and turn them clockwise to secure them (see figure [4A]). Deflected springs that are not vertical do not constitute a failure.
- ▶ Then take the brush with the inserted springs, hook it into the cover [4-4] from the front and tilt it (see figure [4B]).
- ▶ Ensure that the springs engage in the guide openings in the cover and screw in the screws with the washers [4-1] again.

### 6.6 Depth stop

The sanding depth setting depends on the material being processed.

- ▶ Position the adapter [5-2].
- ▶ Turn the adapter to adjust the sanding depth (anti-clockwise = greater sanding depth, clockwise = smaller sanding depth).
- ▶ **CAUTION!** Tighten the nut [5-1].

### 6.7 Dust extraction



#### CAUTION

##### Hazardous dust

##### Damage to the respiratory passage

- ▶ Always working with a dust extraction system connected.
- ▶ Only use Festool mobile dust extractors with dust class L, Festool suction hoses and the Festool pre-separator.
- ▶ Only use antistatic mobile dust extractors to prevent static discharge.

A mobile dust extractor with a suction hose diameter of 36 mm can be connected at the extractor connector [1-10].

### 6.8 Connecting a power tool via Bluetooth®

#### Connecting to the mobile dust extractor

- ▶ Activate the mobile dust extractor's automatic mode (see the operating manual for the mobile dust extractor).
- ▶ Press the connection button on the mobile dust extractor or on the remote control once (see the operating manual for the mobile dust extractor/retrofit receiver module).
- ▶ Switch on the power tool.

*The mobile dust extractor starts up and the power tool is connected until the mobile dust extractor or the power tool is manually switched off.*

#### LED indicator [1-4]

LED indicator	Meaning
LED flashes blue once.	After being switched on, the power tool searches for a mobile dust extractor ready for connection.
LED lights up blue.	The power tool is connected to a mobile dust extractor via <b>Bluetooth®</b> .
LED flashes red.	The power tool has overheated. Continue working without a load on the power tool.
LED lights up red.	Electronics failure. Contact an authorised service workshop.

## 7 Working with the electric power tool



#### WARNING

##### Risk of injury

- ▶ Only guide the power tool into the material when it is switched on (running).
- ▶ Always secure the workpiece in such a manner that it cannot move.
- ▶ Keep your hands away from the rotating sanding tools.

## 8 Service and maintenance



#### WARNING

##### Risk of injury, electric shock

- ▶ Always pull the mains plug from the socket before performing any servicing and maintenance 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](http://www.festool.co.uk/service)



Always use original Festool spare parts. Order no. at: [www.festool.co.uk/service](http://www.festool.co.uk/service)

- ▶ To ensure constant air circulation, always keep the cooling air openings in the housing clean and free of blockages.
- ▶ Clean the sanding tools after use.

The tool is equipped with special self-disconnecting carbon brushes. If they wear out, the power supply is disconnected automatically and the tool stops.

### 8.1 Cleaning the dust screen

To prevent the power tool from overheating, the dust screen [6-1] must be cleaned regularly on both sides (see figure [6]).

- ▶ ① Remove the dust screen. Use a screwdriver as a levering tool if necessary.
- ▶ ② Extract the dust from the dust screen.
- ▶ ③ Insert the dust screen.

## 9 Storage

The packaged power tool can be stored in a dry place without heating as long as the inside temperature does not fall below -5 °C.

The unpackaged power tool must only be stored in a dry, enclosed space where the temperature does not fall below +5 °C and where no extreme temperature fluctuations can occur.

Store the insertion tools separately from the power tool.

## 10 Accessories

**Always use original Festool tools and accessories.** Using low-quality tools or accessories from other manufacturers may increase the risk of injury and seriously unbalance the machine, decreasing the quality of the working results and accelerating power tool wear.

Refer to the Festool catalogue for the order numbers of accessories and tools or find them online at [www.festool.co.uk](http://www.festool.co.uk).

## 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 about collection points for correct disposal is available at [www.festool.co.uk/recycling](http://www.festool.co.uk/recycling).

**Information on REACH:** [www.festool.co.uk/reach](http://www.festool.co.uk/reach)

## 12 General information

### 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.

### 12.2 Information about Bluetooth®

As soon as the tool is connected to the mobile device via Bluetooth® and the secure connection has been authorised, the tool will connect automatically to the mobile device from this point onwards.

The Bluetooth® word mark and the logos are registered trademarks of Bluetooth SIG, Inc.; they are used by TTS Tooltechnic Systems AG & Co. KG, and therefore by Festool, under licence.

### Imported into the UK by

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