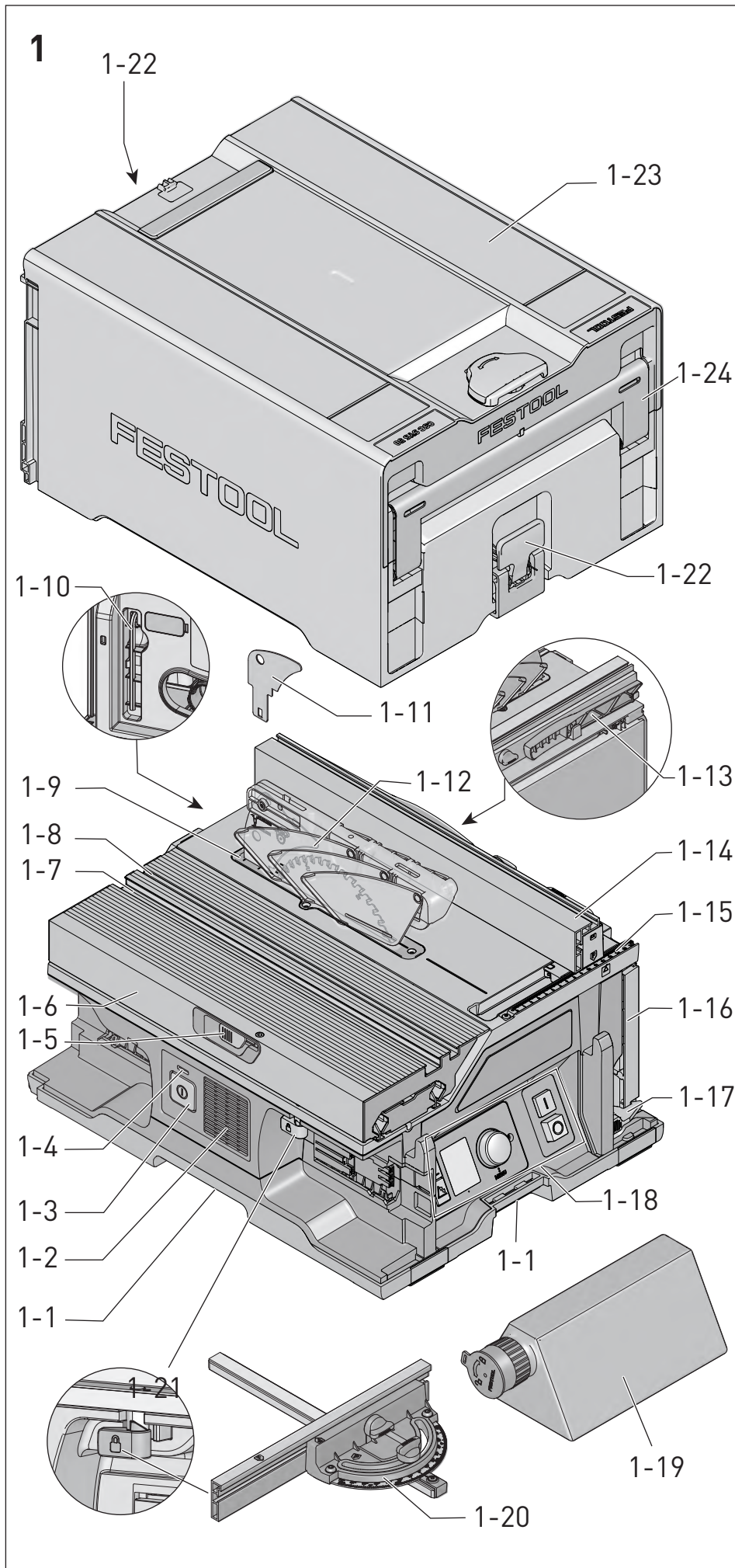


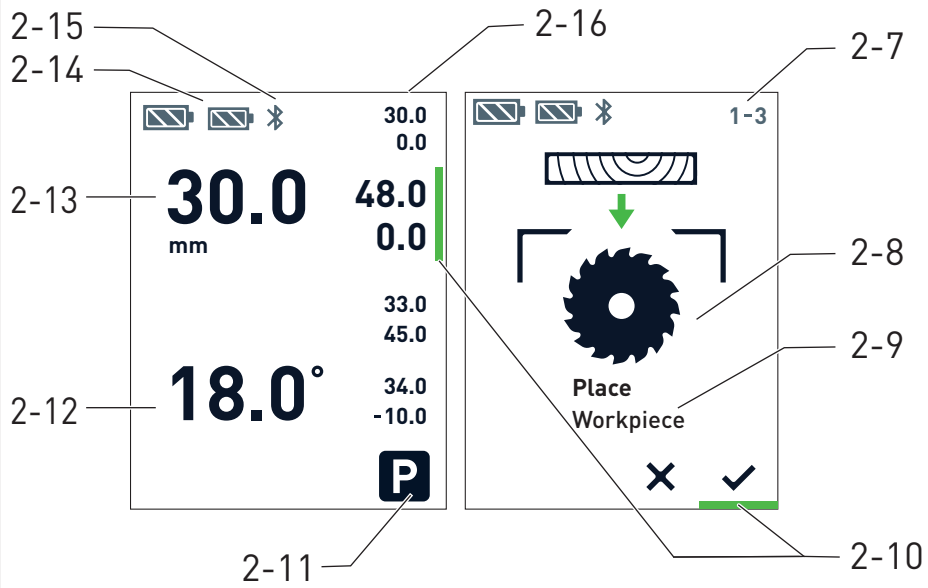
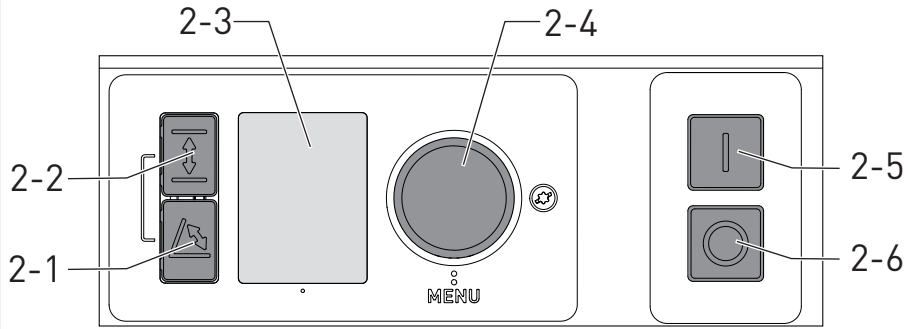
de	Originalbetriebsanleitung - Akku-Formatkreissäge	9
en	Original Instructions - cordless sliding table saw	26
fr	Notice d'utilisation originale - scie circulaire sans fil	42
es	Manual de instrucciones original - Escuadradora a batería	60
it	Istruzioni per l'uso originali - Sega circolare a batteria	78
nl	Originele bedieningshandleiding - accu-formaatcirkelzaag	95
sv	Originalbruksanvisning - Batteridrivnen formatcirkelsåg	112
fi	Alkuperäiset käyttöohjeet - Akkupöytäsaaha	127
da	Original brugsanvisning - akku formatrundsav	143
nb	Bruksanvisning - batteridrevet formatsirkelsag	159
pt	Manual de instruções original - Serra circular de bateria	174
ru	Перевод оригинального руководства по эксплуатации — аккумуляторный круглопильный форматный станок	192
cs	Originální návod k obsluze - akumulátorová formátovací okružní pila	210
pl	Oryginalna instrukcja obsługi - akumulatorowa piła formatowa	226

CSC SYS 50 EBI

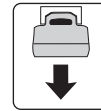
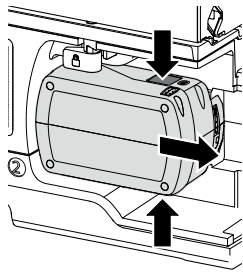




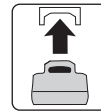
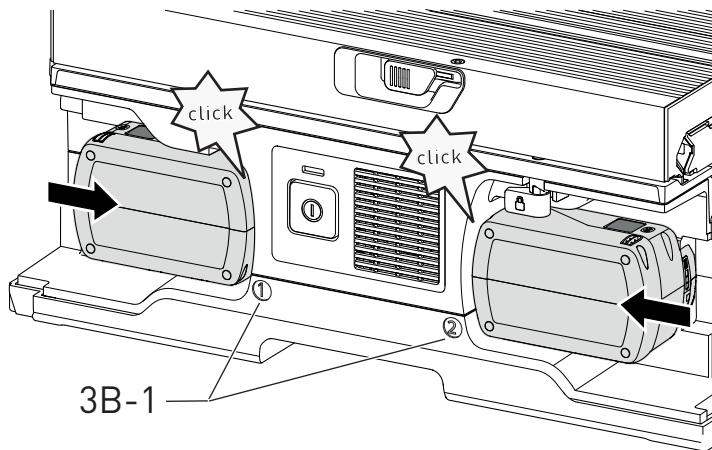
2



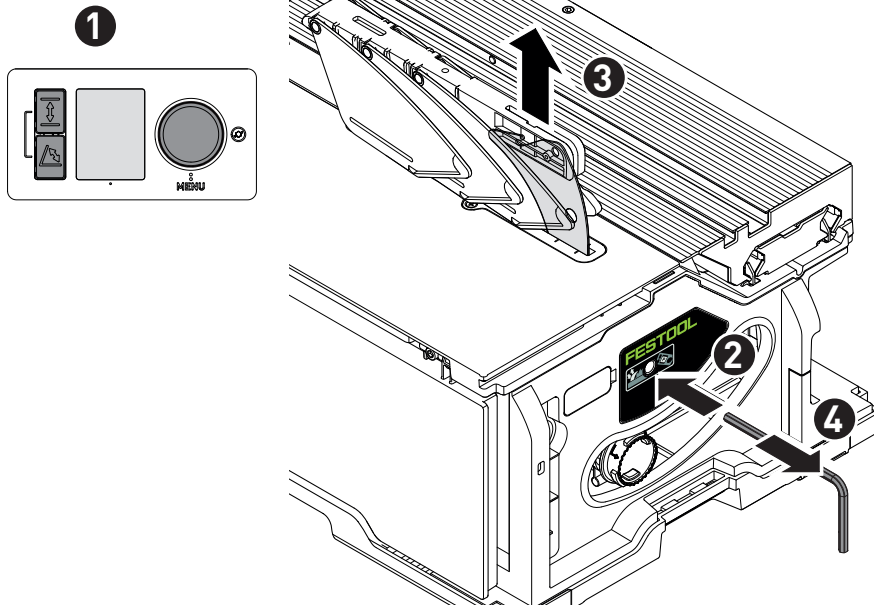
3A



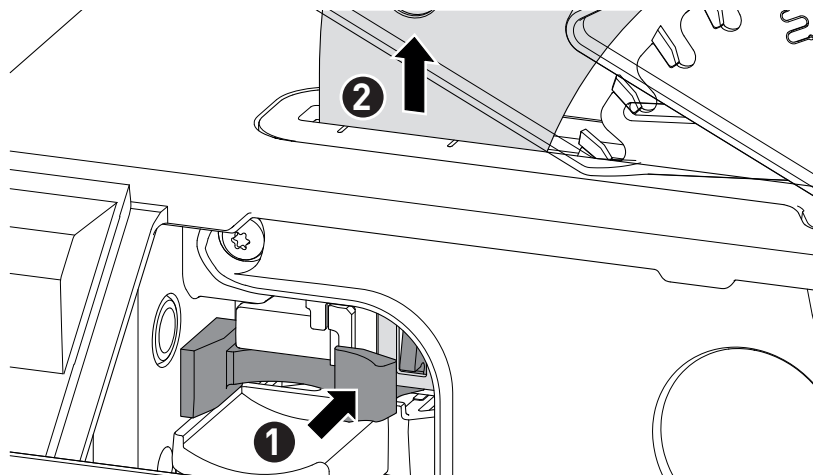
3B



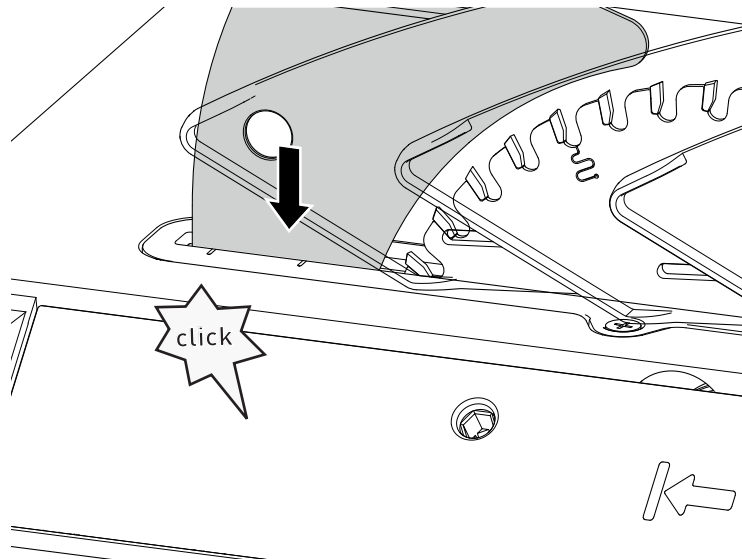
4A



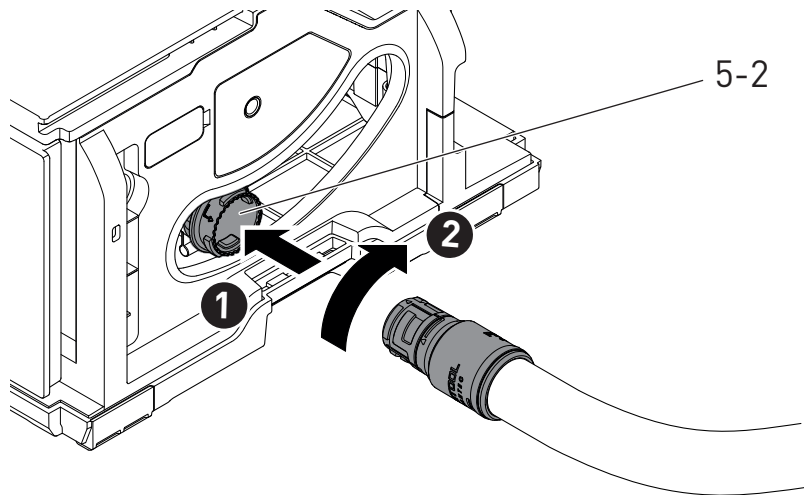
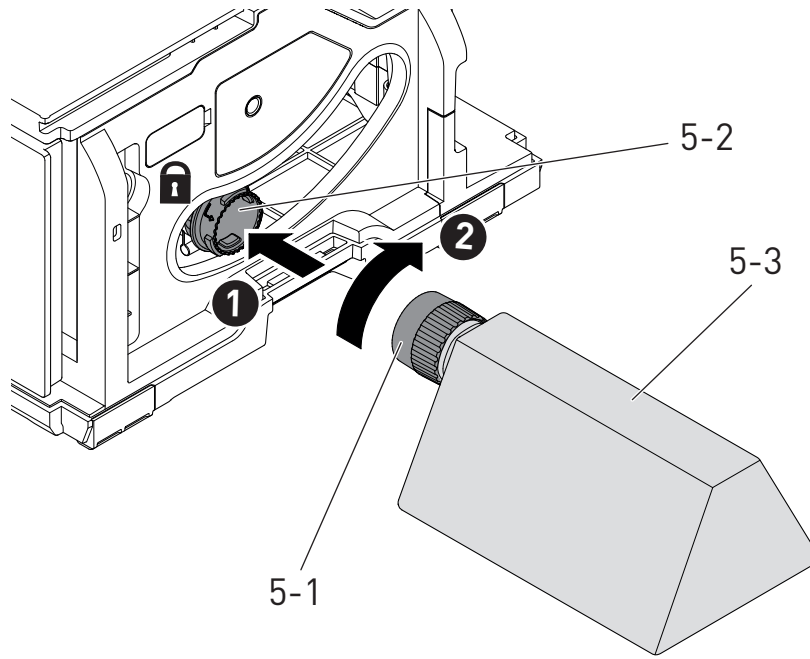
4B



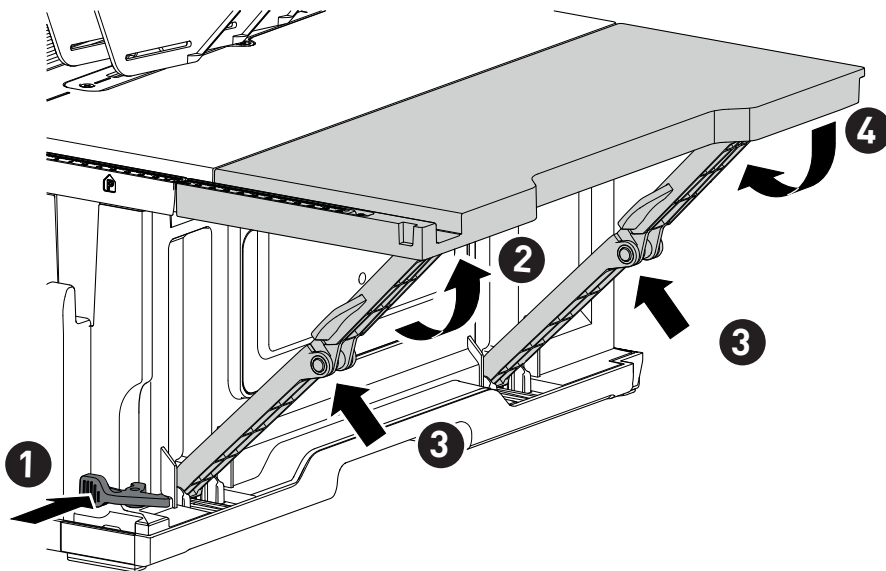
4C



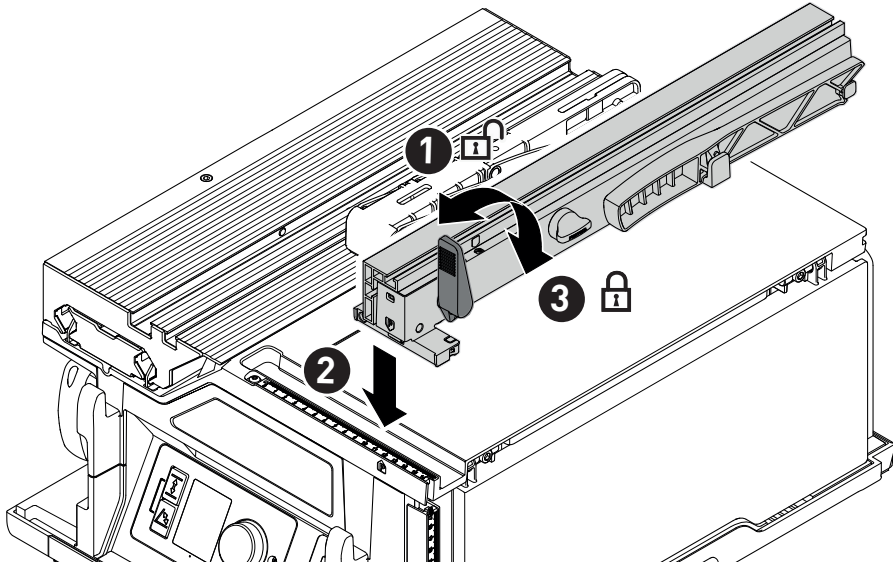
5



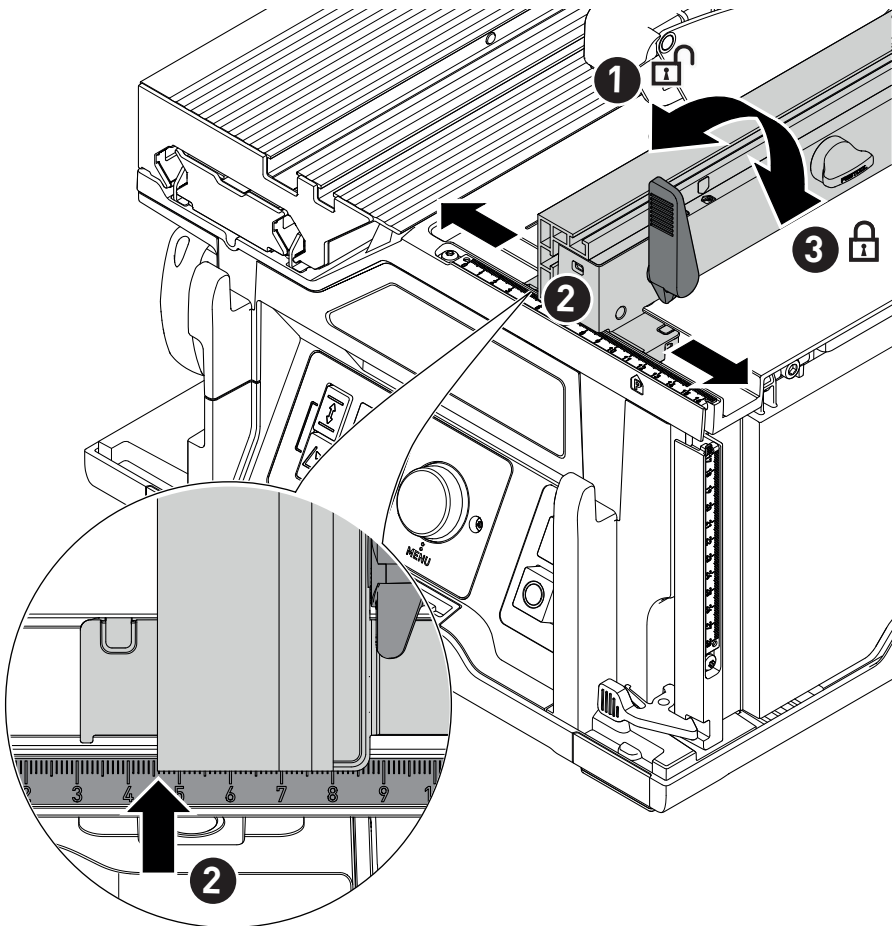
6



7



8



Akku-Formatkreissäge	Seriennummer *
Cordless sliding table saw	Serial number *
Scie circulaire sans fil	N° de série *
	(T-Nr.)
CSC SYS 50 EBI	205712

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 wymagania następujących dyrektyw UE, norm lub dokumentów normatywnych.

2006/42/EC, 2014/30/EU, 2014/53/EU, 2011/65/EU

EN 62841-1:2015

EN 62841-3-1:2014 + A11:2017

EN 55014-1:2017 + A11:2020, EN 55014-2:2015

EN 55032:2015 + A11:2020

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, 2022-09-06

Markus Stark

Head of Product Development

Denis Drobner

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

Cordless sliding table saw

**Serial number ¹⁾
(T-Nr.)**

CSC SYS 50 EBI

205712

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 62841-3-1:2014 + A11:2017
BS EN 55014-1:2017 + A11:2020, BS EN 55014-2:2015
BS EN 55032:2015 + A11:2020
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, 2022-09-06












Markus Stark
Head of Product Development

Denis Drobner
Head of Product Conformity







Contents

1 Symbols..... 26
 2 Safety warnings..... 26
 3 Intended use..... 30
 4 Technical data..... 31
 5 Parts of the device..... 31
 6 Control module..... 31
 7 Commissioning..... 32
 8 Battery pack..... 32
 9 Settings..... 33
 10 Working with the electric power tool..... 36
 11 Transportation..... 38
 12 Service and maintenance..... 38
 13 Accessories..... 40
 14 Environment..... 40
 15 General information..... 40
 16 Troubleshooting..... 40

1 Symbols

-  Warning of general danger
-  Warning of electric shock
-  Risk of pinching fingers and hands!
-  Read the operating instructions and safety instructions.
-  Wear ear protection.
-  Wear a dust mask.
-  Wear protective gloves when changing tools!
-  Wear protective goggles.
-  Do not dispose of it with domestic waste.
-  Tool contains a chip which stores data. See section [15.2](#)
-  CE marking: Confirms the conformity of the power tool with the European Community directives.

UK CA 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.


-  Tip or advice
-  Handling instruction
-  Inserting the battery pack.
-  Remove the battery pack.
-  Direction of rotation of saw and the saw blade
-  Parked position adjustment marking



Move the saw blade to the parked position with the control module to change the spacer wedge.

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.


Follow the operating manual for the charger and the battery pack.

2.2 Safety warnings for bench-mounted circular saws

- 1) Guarding related warnings**
- **Keep guards in place. Guards must be in working order and be properly mounted.** A guard that is loose, damaged, or is not functioning correctly must be repaired or replaced.

- **Always use saw blade guard and riving knife for every through-cutting operation.** For through-cutting operations where the saw blade cuts completely through the thickness of the workpiece, the guard and other safety devices help reduce the risk of injury.
- **Immediately reattach the guarding system after completing an operation (such as rabbeting, dadoing or resawing cuts) which requires removal of the guard and riving knife .** The guard and riving knife help to reduce the risk of injury.
- **Make sure the saw blade is not contacting the guard, riving knife or the workpiece before the switch is turned on.** Inadvertent contact of these items with the saw blade could cause a hazardous condition.
- **Adjust the riving knife as described in this instruction manual.** Incorrect spacing, positioning and alignment can make the riving knife ineffective in reducing the likelihood of kickback.
- **For the riving knife and anti-kickback device to work, they must be engaged in the workpiece.** The riving knife and anti-kickback device are ineffective when cutting workpieces that are too short to be engaged with the riving knife and anti-kickback device. Under these conditions a kickback cannot be prevented by the riving knife and anti-kickback device.
- **Use the appropriate saw blade for the riving knife.** For the riving knife to function properly, the saw blade diameter must match the appropriate riving knife and the body of the saw blade must be thinner than the thickness of the riving knife and the cutting width of the saw blade must be wider than the thickness of the riving knife.
- **Never use the mitre gauge to feed the workpiece when ripping and do not use the rip fence as a length stop when cross cutting with the mitre gauge.** Guiding the workpiece with the rip fence and the mitre gauge at the same time increases the likelihood of saw blade binding and kickback.
- **When ripping, always apply the workpiece feeding force between the fence and the saw blade. Use a push stick when the distance between the fence and the saw blade is less than 150 mm, and use a push block when this distance is less than 50 mm.** “Work helping” devices will keep your hand at a safe distance from the saw blade.
- **Use only the push stick provided by the manufacturer or constructed in accordance with the instructions.** This push stick provides sufficient distance of the hand from the saw blade.
- **Never use a damaged or cut push stick.** A damaged push stick may break causing your hand to slip into the saw blade.
- **Do not perform any operation “freehand”.** Always use either the rip fence or the mitre gauge to position and guide the workpiece. “Freehand” means using your hands to support or guide the workpiece, in lieu of a rip fence or mitre gauge. Freehand sawing leads to misalignment, binding and kickback.
- **Never reach around or over a rotating saw blade.** Reaching for a workpiece may lead to accidental contact with the moving saw blade.
- **Provide auxiliary workpiece support to the rear and/or sides of the saw table for long and/or wide workpieces to keep them level.** A long and/or wide workpiece has a tendency to pivot on the table’s edge, causing loss of control, saw blade binding and kickback.

2) Cutting procedures warnings

-  **DANGER: Never place your fingers or hands in the vicinity or in line with the saw blade.** A moment of inattention or a slip could direct your hand towards the saw blade and result in serious personal injury.
- **Feed the workpiece into the saw blade only against the direction of rotation.** Feeding the workpiece in the same direction that the saw blade is rotating above the table may result in the workpiece, and your hand, being pulled into the saw blade.
- **Feed workpiece at an even pace. Do not bend or twist the workpiece. If jamming occurs, turn the tool off immediately, disconnect the battery pack then clear the jam.** Jamming the saw blade by the workpiece can cause kickback or stall the motor.
- **Do not remove pieces of cut-off material while the saw is running.** The material may become trapped between the fence or inside the saw blade guard and the saw blade pulling your fingers into the saw blade.

Turn the saw off and wait until the saw blade stops before removing material.

- **Use an auxiliary fence in contact with the table top when ripping workpieces less than 2 mm thick.** A thin workpiece may wedge under the rip fence and create a kickback.

3) Kickback causes and related warnings

Kickback is a sudden reaction of the workpiece due to a pinched, jammed saw blade or misaligned line of cut in the workpiece with respect to the saw blade or when a part of the workpiece binds between the saw blade and the rip fence or other fixed object.

Most frequently during kickback, the workpiece is lifted from the table by the rear portion of the saw blade and is propelled towards the operator.

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

- **Never stand directly in line with the saw blade. Always position your body on the same side of the saw blade as the fence.** Kickback may propel the workpiece at high velocity towards anyone standing in front and in line with the saw blade.
- **Never reach over or in back of the saw blade to pull or to support the workpiece.** Accidental contact with the saw blade may occur or kickback may drag your fingers into the saw blade.
- **Never hold and press the workpiece that is being cut off against the rotating saw blade.** Pressing the workpiece being cut off against the saw blade will create a binding condition and kickback.
- **Align the fence to be parallel with the saw blade.** A misaligned fence will pinch the workpiece against the saw blade and create kickback.
- **Use a featherboard to guide the workpiece against the table and fence when making non-through cuts such as rabbeting, dadoing or resawing cuts.** A featherboard helps to control the workpiece in the event of a kickback.
- **Use extra caution when making a cut into blind areas of assembled workpieces.** The protruding saw blade may cut objects that can cause kickback.

- **Support large panels to minimise the risk of saw blade pinching and kickback.** Large panels tend to sag under their own weight. Support(s) must be placed under all portions of the panel overhanging the table top.
- **Use extra caution when cutting a workpiece that is twisted, knotted, warped or does not have a straight edge to guide it with a mitre gauge or along the fence.** A warped, knotted, or twisted workpiece is unstable and causes misalignment of the kerf with the saw blade, binding and kickback.
- **Never cut more than one workpiece, stacked vertically or horizontally.** The saw blade could pick up one or more pieces and cause kickback.
- **When restarting the saw with the saw blade in the workpiece, centre the saw blade in the kerf so that the saw teeth are not engaged in the material.** If the saw blade binds, it may lift up the workpiece and cause kickback when the saw is restarted.
- **Keep saw blades clean, sharp, and with sufficient set. Never use warped saw blades or saw blades with cracked or broken teeth.** Sharp and properly set saw blades minimise binding, stalling and kickback.

4) Table saw operating procedure warnings

- **Turn off the table saw and disconnect the battery pack when removing the table insert, changing the saw blade or making adjustments to the riving knife or saw blade guard, and when the machine is left unattended.** Precautionary measures will avoid accidents.
- **Never leave the table saw running unattended. Turn it off and don't leave the tool until it comes to a complete stop.** An unattended running saw is an uncontrolled hazard.
- **Locate the table saw in a well-lit and level area where you can maintain good footing and balance. It should be installed in an area that provides enough room to easily handle the size of your workpiece.** Cramped, dark areas, and uneven slippery floors invite accidents.
- **Frequently clean and remove sawdust from under the saw table and/or the dust**

- **collection device.** Accumulated sawdust is combustible and may self-ignite.
- **The table saw must be secured.** A table saw that is not properly secured may move or tip over.
- **Remove tools, wood scraps, etc. from the table before the table saw is turned on.** Distraction or a potential jam can be dangerous.
- **Always use saw blades with correct size and shape (diamond versus round) of arbour holes.** Saw blades that do not match the mounting hardware of the saw will run off-centre, causing loss of control.
- **Never use damaged or incorrect saw blade mounting means such as flanges, saw blade washers, bolts or nuts.** These mounting means were specially designed for your saw, for safe operation and optimum performance.
- **Never stand on the table saw, do not use it as a stepping stool.** Serious injury could occur if the tool is tipped or if the cutting tool is accidentally contacted.
- **Make sure that the saw blade is installed to rotate in the proper direction. Do not use grinding wheels, wire brushes, or abrasive wheels on a table saw.** Improper saw blade installation or use of accessories not recommended may cause serious injury.

2.3 Safety instructions for the pre-assembled saw blade

Usage

- The maximum speed specified on the saw blade must not be exceeded and the speed range must be adhered to.
- The pre-installed saw blade is only designed for use in circular saws.
- Proceed with extreme care when unpacking, packing and handling the tool (e.g. installing it in the machine). There is a risk of injury from extremely sharp cutting edges!
- When handling the tool, wearing safety gloves provides a more secure hold of the tool and further reduces the risk of injury.
- Circular saw blades with cracked bodies must be replaced. Repair is not permitted.
- Circular saw blades with a combination design (soldered saw teeth) with saw tooth thickness smaller than 1 mm must no longer be used.

- **WARNING!** Do not use tools with visible cracks or blunt or damaged cutting edges.

Installation and mounting

- Tools must be clamped in such a way that they cannot come loose during operation.
- When assembling the tools, it must be ensured that the clamping takes place on the tool hub or the clamping surface of the tool, and that the cutting edges do not come into contact with other components.
- Do not lengthen the key or tighten by hitting with a hammer.
- The clamping surfaces must be cleaned to remove contamination, grease, oil and water.
- Clamping screws must be tightened according to the manufacturer's instructions.
- Only securely installed rings, e.g. rings that have been pressed in or those that are held in position by an adhesive bond, may be used to adjust the hole diameter of circular saw blades to the spindle diameter of the machine. The use of loose rings is not permitted.

Service and maintenance

- Repairs and sanding work may only be carried out by Festool customer service workshops or experts.
- The tool design must not be changed.
- Deresinify and clean the tool regularly (cleaning agent with pH between 4.5 and 8).
- Blunt edges can be resharpened on the clamping surface to a minimum cutting edge thickness of 1 mm.
- Only transport the tool in suitable packaging – risk of injury!

2.4 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 or metals).** 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, en-

sure that there is sufficient ventilation and connect a mobile dust extractor.

- **Check whether there are any signs of damage to the housing components, such as cracks or stress whitening.** Have any damaged components repaired before using the power tool.
- **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.

2.5 Sawing aluminium

When sawing aluminium, the following measures must be taken for safety reasons:



- Wear protective goggles.
- Connect the power tool to a suitable dust extractor with an antistatic suction hose.
- Regularly clean dust deposits from the motor housing on the power tool.
- Use an aluminium saw blade.
- When sawing panels, they must be lubricated with petroleum, but thin-walled profiles (up to 3 mm) can be sawed without lubrication.

2.6 Other risks

In spite of compliance with all relevant design regulations, dangers may still present themselves when the power tool is operated, e.g.:

- Touching rotating parts: Saw blade, clamping flange, flange screw,
- Touching live parts while the housing is open,
- Workpiece parts being thrown off,
- Parts of damaged tools being thrown off,
- Noise emissions,
- Dust emissions.

2.7 Emission levels

The levels determined in accordance with EN 62841 are typically:

Sound pressure level	$L_{PA} = 85 \text{ dB(A)}$
Sound power level	$L_{WA} = 98 \text{ dB(A)}$
Uncertainty	$K = 3 \text{ dB}$



CAUTION

Noise generated when working

Risk of damage to hearing

- ▶ Use ear protection.



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.

3 Intended use

The CSC SYS 50 is designed as a transportable cordless sliding table saw (table saw with integrated sliding table) for sawing wood, laminated wooden panels and plastic.

When fitted with the special saw blades offered by Festool, the machines can also be used for sawing unhardened ferrous metal and non-ferrous metal.

It is not recommended for sawing mineral plate materials such as plasterboard. The abrasive dust leads to a high level of wear on the electric drives.

Materials containing asbestos must NOT be processed.

Do not use cutting or abrasive wheels.



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

3.1 Saw blades

Only use saw blades with the following dimensions:

- Saw blades according to EN 847-1
- Saw blade diameter 168 mm
- Cutting width 1.8 mm
- Locating bore 20 mm
- Standard blade thickness 1.2 mm
- Suitable for speeds of up to 9500 rpm

Festool saw blades comply with EN 847-1.

Only saw materials for which the saw blade in question has been designed.

Saw blades made of high-alloy high-speed steel (HSS steel) must not be used.

4 Technical data

Cordless sliding table saw	CSC SYS 50
Motor voltage	36 V $\overline{\text{---}}$
Speed (no-load)	6800 rpm
Suitable battery packs	Festool series BP 18 \geq 4 Ah
Locating bore	Dia. 20 mm
Bevel angle	-10–47°
Cutting height at 0°	0–48 mm*
Cutting height at 45°	0–34 mm*
Cutting height at 47°	0–33 mm*
Cutting height at -2°	0–48 mm*
Cutting height at -10°	21–32 mm*
Cross cut width at 90°	450 mm
Cross cut width at 45°	340 mm
Cross cut width at 70°	140 mm
Parallel cut width	280 mm
Mitre angle	0–70°
Transport dimensions	512 x 396 x 296 mm
Table height	228 mm
Frequency	2402–2480 MHz
Equivalent Isotropically Radiated Power (EIRP)	< 10 dBm
Total weight without battery packs	20.2 kg

* Due to manufacturing tolerances of saw blade and power tool, higher cuts may also be possible.

5 Parts of the device

The illustrations specified are located at the beginning and end of the operating instructions.

- [1-1]** Gripping surface
- [1-2]** Cooling air opening
- [1-3]** Main switch
- [1-4]** Status LED
- [1-5]** Clamp lever to fix the preset profile setting rail
- [1-6]** Sliding table

- [1-7]** Groove for preset profile setting rail
- [1-8]** Groove for Festool guide rail clamp
- [1-9]** Table insert
- [1-10]** Hexagon socket wrench
- [1-11]** Non-through cutting spacer wedge
- [1-12]** Spacer wedge with protective cover
- [1-13]** Push stick in push stick holder
- [1-14]** Parallel side fence
- [1-15]** Cutting width scale for rip cutting
- [1-16]** Extension table
- [1-17]** Extension table locking mechanism
- [1-18]** Control module
- [1-19]** Dust collection bag
- [1-20]** Preset profile setting rail
- [1-21]** Sliding table locking lever
- [1-22]** Locking clip
- [1-23]** Systainer hood
- [1-24]** Carrying handle

6 Control module

6.1 Elements of the control module

- [2-1]** Angle button
- [2-2]** Height button
- [2-3]** Display
- [2-4]** Dial
- [2-5]** Start switch
- [2-6]** Stop switch

6.2 Display elements

Depending on the context, different elements are shown on the display **[2-3]**.

- [2-7]** Position on page X of Y (for assistants)
- [2-8]** Info graphic dialogue box
- [2-9]** Info text dialogue box
- [2-10]** Focus line option
- [2-11]** Favourite parked position
- [2-12]** Cutting angle (main screen)
- [2-13]** Cutting height (main screen)
- [2-14]** Battery pack capacity indicator

[2-15] Bluetooth® connection status (if Bluetooth® function is active)

[2-16] Favourite assignment (main screen)

7 Commissioning

7.1 Setting up the power tool



WARNING

Risk of accidents

Power tool tips over on uneven surface.

- ▶ Ensure that the power tool is securely positioned. The surface underneath the machine must be level, in good condition and free of loose objects (e.g. chips and offcuts).

- ▶ Position the power tool on a level and firm surface and use the rubber feet to ensure that it is horizontal and level.
- ▶ Loosen the locking clips **[1-22]** on both sides of the power tool.
- ▶ Lift the Systainer hood **[1-23]** upwards to remove it.

7.2 Initial commissioning

The following sequence will start on the display after switching on the power tool for the first time:

1. Language and unit settings.
2. The "Initial steps" assistant explains the basic operation of the power tool.
3. The initial reference movement is carried out.
4. Calibrate the cutting height to zero (see section 9.5).
5. The main screen (cutting angle/cutting height) is displayed.

If the reference movement is interrupted, it is requested again the next time the power tool is switched on.

7.3 Switching on/off

Switching on the power tool

- ▶ Insert the battery packs (see Section 8).
- ▶ Press the main switch **[1-3]**.

*The LED **[1-4]** lights up. If a reference movement is required, this will be indicated on the display.*

- ▶ Carry out the reference movement: Press and hold the dial **[2-4]**.

- ⓘ In order to achieve permanently precise working results, we recommend carrying out a Reference movement after transporting the power tool.

Switching on the saw blade

- ▶ Make the required settings on the control module (see section 9.1).
- ▶ Position the workpiece and, if necessary, secure it in the groove **[1-8]** on the sliding table using a Festool guide rail clamp.
- ▶ Keep hands away from the saw area.
- ▶ Press the start switch **[2-5]**.

The saw blade starts.

Switching off the saw blade

- ▶ To switch off sawing mode, press the stop switch **[2-6]**.

- ⓘ If the saw blade continues to rotate: Use the main switch **[1-3]** to switch off the power tool or remove the battery pack. Contact Festool Service.

Switching off the power tool

- ▶ Wait until the saw blade has come to a stop.
- ▶ Use the main switch **[1-3]** to switch off the power tool.


- ⓘ After not being operated for four hours, the power tool switches off completely. (The time can be changed via the Festool Work app.)

8 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.

[3A] Remove the battery pack.

[3B]  Insert the battery pack – until it clicks into place.

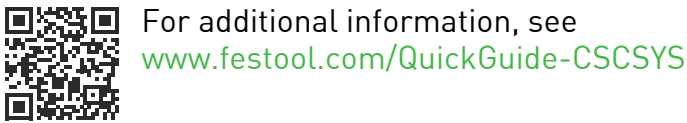
- ⓘ The power tool can only be operated when both battery packs are inserted and have a sufficiently high charging capacity. See section 4 for suitable battery packs.

8.1 Capacity indicator

The charge level of the battery packs is shown on the display and in the Festool Work app. The numbering of the battery packs **[3B-1]** can be found next to the battery interfaces.

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

9 Settings



9.1 Settings on the control module

Ensure that the area around the saw blade is free when you are applying settings to the saw blade.

The following settings can be set and adjusted using the control module:

- Lang
- Unit
- Speed
- Cutting height (saw blade height)
- Calibrating the cutting height
- Cutting angle (saw blade angle)
- Calibrating the cutting angle
- Selecting and assigning favourites
- Ref. movement
- Resetting to factory settings

An assistant is available in the menu to help with the following settings:

- Reference movement
- Initial steps
- Calibrating the cutting height
- Calibrating the cutting angle
- Changing the saw blade

Navigating

Navigate through a menu, an assistant or a range of selection options

- ▶ Turn the dial **[2-4]** to the left or right.

Open the main menu.

- ▶ Press the dial twice.

Selecting

Start an assistant or confirm a selection

- ▶ Press the dial.

9.2 Festool Work App*

The power tool can be configured with the Festool Work app. At least one of the two battery packs used must be a Bluetooth® battery pack

- ⓘ The battery pack is connected via Bluetooth®, see the operating manual for the battery pack.

- ⓘ You can find further information about operating the power tool in the Festool Work app.

* Not available in all countries.

9.3 Setting the speed

The speed can be adjusted in six settings using the control module, depending on the work-piece requirements.

9.4 Setting the cutting height

Adjust the cutting height using the control module.

- ▶ Press the height button **[2-2]**.
- ▶ Set the desired cutting height on the dial **[2-4]** within ten seconds.

- ⓘ To end setting mode early, before ten seconds have passed: Press the height button.

- ⓘ Adjusting the cutting height in tenths: Press the dial while turning it.

9.5 Calibrating the cutting height

Upon initial commissioning and after changing the saw blade diameter, the cutting height must be calibrated. A saw blade diameter can be changed by sharpening or replacing the saw blade.

Start calibration via the "Calibrating cutting height" menu item on the display. Follow the instructions on the display.

- ▶ Press the dial to lower the saw blade until it's below the table.
- ▶ Place a short waste strip on the sliding table on the preset profile setting rail (as for a cross cut).
- ▶ Press the dial to confirm the step.
- ▶ Switch on the saw blade at the start switch **[2-5]**.
- ▶ Perform a cross cut. When doing so, slowly turn the dial to move the saw blade slowly and gradually upwards.

If the saw blade scratches the waste strip, the zero point has been reached and the saw blade can be switched off.

- ▶ Press the dial to save this setting as a new zero position.

9.6 Adjusting the cutting angle



CAUTION

Risk of crushing

When adjusting the cutting angle, the extraction channel also moves.

- ▶ Do not place hands or objects between the extraction channel and sliding table.

Adjust the cutting angle using the control module.

- ▶ Press the angle button **[2-1]**.
- ▶ Set the desired angle on the dial **[2-4]** within ten seconds.

i To end setting mode early, before ten seconds have passed: Press the angle button.

i Adjusting the cutting angle in tenths: Press the dial while turning it.

9.7 Calibrating the cutting angle

If the saw no longer cuts correctly at the cutting angle that has been entered:

- ▶ Calibrate the cutting angle using the assistant on the control module.

9.8 Favourites

Four commonly used combinations of cutting height and cutting angle can be saved as favourites. A fifth favourite "P", which cannot be changed, is the parked position. This is only shown if the Systainer hood cannot be put on in the current position.

Selecting a favourite

- ▶ Select a pair of favourites **[2-11]** on the main screen with the dial.
- ▶ Press and hold the dial until the saw blade position has been fully reached.

Saving favourites

- ▶ Set the desired combination of cutting height and cutting angle.
- ▶ Press the angle button and height button at the same time.
- ▶ Select the required favourite position **[2-11]** with the dial.
- ▶ Confirm your selection by pressing the dial.

9.9 Spacer wedge



WARNING

Risk of injury

- ▶ Switch the power tool off at the main switch and remove the battery pack from the power tool before performing any work on the power tool.



WARNING

Risk of injury

- ▶ Never work without a spacer wedge.

Spacer wedge with guard [1-12]

Where possible, always use the spacer wedge with guard.

Non-through cutting spacer wedge [1-11]

For hidden cuts or grooves.

Removing the spacer wedge, option 1 [4A]

- ▶ **①** Move the saw blade to the parked position with the control module (select favourite "P").
- ▶ **②** Press a hex key **[1-10]** into the opening on the type plate, hold it there and pull the **③** spacer wedge upwards to remove it.
- ▶ **④** Place the hex key into the holder **[1-10]** provided again.

Removing the spacer wedge, option 2 [4B]

- ▶ Remove the cover plate (see section 9.16).
- ▶ **①** Press and hold the spacer wedge locking mechanism and pull the spacer wedge upwards to remove it.
- ▶ Fit the cover plate again.

Fitting the spacer wedge [4C]

- ▶ Push the spacer wedge in from above until it engages. **WARNING!** Risk of injury! Check that the spacer wedge has engaged properly.

9.10 Dust extraction



WARNING

Health hazard posed by dust

- ▶ Always work with an extractor.
- ▶ Comply with national regulations.
- ▶ When sawing carcinogenic materials, always connect a suitable extraction mobile in accordance with national regulations. Do not use the chip collection bag.

Independent extraction

- ▶ Secure the connection piece [5-1] of the dust collection bag [5-3] at the extractor connector [5-2] with a clockwise rotation.
- ▶ To empty, remove the connection piece of the dust collection bag from the extractor connector with an anti-clockwise rotation.

Blockages in the guard may impair safety features. To avoid blockages, it is therefore better to work with a mobile dust extractor at full suction power.

Static charge may occur when sawing (e.g. MDF). If this is the case, work with a mobile dust extractor and an antistatic suction hose.

Festool mobile dust extractor

A Festool mobile dust extractor with a suction hose diameter of 27 mm can be connected at the extractor connector [5-2].

The adapter on a suction hose is inserted into the adapter [5-2].

CAUTION! If an anti-static suction hose is not used, static charge may occur. The user may receive an electric shock and the electronics of the power tool may be damaged.

9.11 Extension table [6]

To extend the working surface for rip cutting from approx. 95 mm.

- ▶ ① ② Unfold the extension table.
- ▶ ③ ④ Fold the extension table.

9.12 Parallel side fence

Fitting the parallel side fence

- ▶ Image [7]

Setting the cutting width for rip cutting

- ▶ Image [8]

Adjusting the stop rail [9-1]

- ▶ Image [9A]

- ① Rotate [9B] the stop rail [9-1] for angled cuts or very small workpieces. The lower side then points towards the saw blade.

9.13 Adjusting the sliding table

The sliding table can be secured in two positions.

Working position

- ▶ Rearmost position A, image [10]

Saw blade change position

- ▶ Foremost position B, image [10]

CAUTION! Risk of injury. Always secure the sliding table while it is not used for sliding.

9.14 Preset profile setting rail

The preset profile setting rail can be set as a cross stop or angle stop (mitre fence).



WARNING

Risk of accidents due to tools

- ▶ The stop rail [13-1] must not protrude into the cutting areas.
- ▶ All screws and rotary knobs of the preset profile setting rail must be firmly tightened when sawing.

Fitting/removing the preset profile setting rail

- ▶ Image [11]

Setting the angle

- ▶ Image [12]

The preset profile setting rail engages at 13 commonly used angle settings.

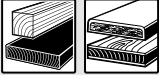

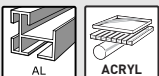
Adjusting the stop rail side position

- ▶ Image [13]

9.15 Selecting the saw blade

Festool saw blades are identified by a coloured ring. The colour of the ring represents the material for which the saw blade is suited.

Refer to the necessary saw blade data (see section 3.1).

Colour	Material	Symbol
Yellow	Wood	
Red	Laminate, mineral material	
Blue	Aluminium, plastic	

9.16 Changing the saw blade



WARNING

Risk of injury

- ▶ Switch the power tool off at the main switch and remove the battery pack from the power tool before performing any work on the power tool.



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.

Saw blade change position

- ▶ Move the saw blade to the saw blade change position with the control module [14-9].

Removing the cover plate

- ▶ Move the sliding table [14-12] into the front position. Use the locking lever [14-7] to lock it in this position.
- ▶ Loosen the screw [14-11] on the cover plate using the hex key [14-2] provided.
- ▶ Remove the cover plate [14-8].

Removing the saw blade

- ▶ Remove the spacer wedge [14-10] (see Section 9.9)
- ▶ Push the spindle stop button [14-1] downwards and loosen the screw [14-3] using the hex key (left-hand thread).
- ▶ Remove the screw and flange [14-4] and lift the saw blade upwards to remove it.

Fitting the saw blade

- ▶ **WARNING!** Check the screws and flange for contamination and only use clean and undamaged parts.
- ▶ Insert a new saw blade and outer flange.
WARNING! The direction of rotation of the saw blade [14-5] and saw [14-6] must match. Serious injuries may occur in the event of non-compliance.
The labelling on the saw blade cannot be seen while it is inserted.
- ▶ Tighten the screw (left-hand thread).
- ▶ Insert the cover plate [14-8] and screw it into place.
- ▶ Insert the spacer wedge.
- ▶ Insert the hex key into the holder [1-10] provided.

10 Working with the electric power tool

10.1 Safe working



When working on the machine, observe all of the safety warnings that are listed at the start as well as the following rules:

Before starting

- Ensure that the saw blade protective cover is undamaged and the saw blade is untouched at any cutting angles or cutting heights. The flaps on the saw blade protective cover must be able to move freely.
- There must not be any damage to the plate, cover plate and table insert (e.g. cuts in the sawing gap). Replace any damaged parts immediately.
- Never work without using a cover plate, service flap or table insert.
- Check that the saw blade is securely in place.
- **CAUTION! Risk of overheating.** Before use, make sure that the battery pack is securely clicked into place.
- Position the workpiece so that it is stress-free and level.

During work

- **Risk of tilting.** The power tool may tilt if attempting to machine a workpiece that is too large or too heavy.
- Do not wear protective gloves when sawing. Protective gloves may become caught in the saw blade and pull the hand into the saw blade.
- Correct working position: On the side of the sliding table next to the saw blade's line of cut.
- Risk of injury from ejected parts. Any persons standing in the vicinity of the saw may be injured. Maintain distance from the saw.
- Adapt the infeed speed to prevent the cutters on the saw blade from overheating and prevent plastic materials from melting during cutting. The harder the material to be sawn, the lower the feed speed needs to be.
- Never change the position of the power tool while the saw blade is running.
- Store the push stick [1-12] in the push stick holder (Fig. 1) when not in use.

10.2 Types of use

The saw can be used as

- **Sliding table saw**
with sliding tables and cross stop.
- **Bench saw**
with locked sliding table and stopper.

10.3 Cross cuts

Make cross cuts and angled cuts on the left side of the power tool. Always use the preset profile setting rail (see Section 9.14).

10.4 Angled cuts

- ▶ For angled cuts, use the spacer wedge with protective cover (see Section 9.9).
- ▶ Remove the parallel side fence.
- ▶ Position the preset profile setting rail in the sliding table (see Section 9.14).
- ▶ Release the sliding table (see Section 9.13).
- ▶ Use the preset profile setting rail to guide the workpiece along.

10.5 Rip cuts

- ▶ Fit the spacer wedge with protective cover (see Section 9.9).
- ▶ Remove the preset profile setting rail (see Section 9.14).
- ▶ Fit the parallel side fence (see Section 9.12).
- ▶ Make a rip cut.

10.6 Mitre rip cuts

- ▶ Use the spacer wedge with protective cover (see Section 9.9).
- ▶ Remove the preset profile setting rail (see Section 9.14).
- ▶ Fit the parallel side fence (see Section 9.12).
- ▶ If the saw blade is inclined towards the parallel side fence **[9B]**:
 - ▷ Rotate the stop rail **[9-1]** so that the lower side faces the saw blade so that there is more space for the push stick and the saw blade does not come into contact with the stop rail.
 - ▷ If there is still insufficient space for the push stick between the protective cover and stop rail, use a push block*.
 - ▷ In order to prevent jams and workpiece kickbacks, set the stop rail so that its rear end is at the height of a 45° line leading from the centre of the saw blade.
- ▶ Set the inclination angle of the saw blade on the control module (see Section 9.6).
- ▶ Guide the workpiece along the parallel side fence.

* Not included in the scope of delivery.

10.7 Non-through cutting



WARNING

Risk of accidents due to kickback

- ▶ The spacer wedge with guard must be re-installed immediately after work that requires the spacer wedge with guard to be removed.

Complicated non-through cutting operations such as plunge cutting and plowing are not permitted.

- ① For non-through cutting, use a feather-board* to ensure that the workpiece is pressed tightly against the table during the cutting process.

* Not included in the scope of delivery.

For non-through cutting, use the non-through cutting spacer wedge (see section 9.9).

Grooving

- ▶ Set the grooving depth (= cutting height) on the control module (see Section 9.4).
- ▶ Adjust the parallel side fence (see Section 9.12).
- ▶ Fit the spacer wedge for non-through cutting (see Section 9.9).
- ▶ Guide the workpiece along the parallel side fence.
- ▶ Repeat the process until the required grooving width is achieved.

Rabbeting

- ① Saw the first cut into the thin side of the workpiece.
- ▶ Set the cutting height for the first cut on the control module (see section 9.4).
- ▶ Adjust the parallel side fence (see section 9.12).

The first cut can be made into the thin side of the workpiece.

- ▶ Turn the workpiece.
- ▶ Set the cutting height for the second cut.
- ▶ Adjust the parallel side fence.

- ① Select the clearance to the parallel side fence in such a way that the groove that has already been sawed is not on the side of the stop.

The second cut on the thin side of the workpiece can be produced.

10.8 Removing blockages [15]



WARNING

Risk of injury

- ▶ Switch the power tool off at the main switch and remove the battery pack from the power tool before performing any work on the power tool.
- ▶ Remove the cover plate (see Section 9.16).

- ▶ Unlock and swivel the saw blade flap **[15-1]** downwards.
- ▶ **CAUTION!** Wear protective gloves.
Remove any remaining parts of the work-piece and use an extractor in the area around the saw blade.
- ▶ Close the saw blade flap and fit the cover plate.
- ▶ Insert the hex key into the holder **[1-10]** provided.

11 Transportation



CAUTION

Risk of injury!

The power tool may slip out of your hands when you are carrying it.

- ▶ Always carry the power tool with both hands, using the gripping surfaces **[1-1]** provided on both sides of the power tool.
- ▶ When carrying with the carrying handle **[1-24]**, ensure that the lid is secured with both locking clips.



CAUTION

Risk of injury

The sliding table may extend. The extension table may unfold.

- ▶ The power tool must always be transported in the transport position that has been provided for this purpose.

11.1 Securing the power tool (transport position)

- ▶ Move the saw blade to the parked position with the control module (select favourite "P").
- ▶ Use the main switch to switch off the power tool (see section 7.3).
- ▶ Lock the sliding table in position (see section 9.13).
- ▶ Fold the extension table (see section 9.11).
- ▶ Push the stop rails together until the two adjustment markings for the parked position (see section 1) are facing each other.
- ▶ Put the parallel side fence on the power tool in parked position **[16B]**.
- ▶ Stow the spacer wedge with protective cover and the remaining accessories in the lid **[16A]**. The preset profile setting rail can also be attached to the power tool in parked position **[16B]**.
- ▶ Close the lid and secure it with the two locking clips.

The power tool is in the transport position.

12 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

- ▶ Damaged safety devices and components must be repaired or replaced in a recognised specialist workshop, unless otherwise indicated in the operating instructions.
- ▶ To ensure constant air circulation, always keep the cooling air openings in the housing clean and free of blockages.
- ▶ Use an extractor to remove dust deposits, splinters and chips (see section 10.8).

12.1 Adjusting the extension table height

- ▶ Image **[17]**

12.2 Adjusting the sliding table height **[18]**

If the height of the sliding table no longer matches the height of the plate:

- ▶ Move the sliding table into the front position.
- ▶ Remove the cover cap **[18-1]** and undo the screw underneath it.
- ▶ Move the sliding table into the back position.
- ▶ Remove the cover cap **[18-2]** and undo the screw.
- ▶ Adjust the height of the sliding table with the adjusting screws **[18-3]** and **[18-4]**.
Turn to the right = lower
Turn to the left = lift
- ▶ Tighten the screws **[18-1]** and **[18-2]** (3.5 Nm) and fit the cover caps.

12.3 Adjusting the maximum sliding table lift [19]

If the sliding table can no longer be moved across its maximum adjustment range:

- ▶ Manually (using force) move the sliding table to its front and rear end positions until the edge of the sliding table is positioned at the lift markings [19-1].

12.4 Cleaning the sliding table tracks [20]

If the sliding table is difficult to move, this may be due to dirt in the sliding table tracks or in the ball bearings.

- ▶ Clean the four tracks in the sliding table guide [20-1] and the four tracks on the sliding table [20-2] with a cloth.

If the sliding table is still difficult to move, contact the manufacturer or an authorised service workshop.

12.5 Adjusting the preset profile setting rail

Adjusting the perpendicularity:

- ▶ Image [21]

12.6 Cleaning the end stops [22]

If the reference movement fails: Clean the end stops of the height and angle adjustment.

- ▶ Move the saw blade to the top position.
- ▶ Set the cutting angle to 0°.
- ▶ Use the main switch to switch off the power tool and remove battery packs.
- ▶ Unfold the extension table.
- ▶ ① ② Remove the service flap [22-1].
- ▶ ③ ④ Clean the bottom height [22-3] and angle [22-4] end stops with a brush.
- ▶ Insert the service flap and tighten it with the screw [22-2].
- ▶ Insert battery packs and switch on the power tool at the main switch.
- ▶ Move the saw blade all the way down.
- ▶ Use the main switch to switch off the power tool and remove battery packs.
- ▶ Remove the service flap [22-1].
- ▶ ⑤ Clean the top height [22-5] end stops with a brush.
- ▶ Insert the service flap and tighten it with the screw [22-2].
- ▶ Remove the cover plate (see Section 9.16).
- ▶ ⑥ Clean the angle end stops [22-6]+[22-7] with a brush.
- ▶ Fit the cover plate.

If you experience problems with this procedure, contact an authorised service workshop or the manufacturer.

12.7 Aligning the parallel side fence with the saw blade [23]

In case of splintering on the top side of the workpiece left of the saw blade (on the side of the preset profile setting rail)

- ▶ Turn in the screw [23-1].

The parallel side fence moves in direction A.

In case of splintering on the right-hand side of the saw blade (on the side of the parallel side fence)

- ▶ Turn out the screw [23-1].

The parallel side fence moves in direction B.

- ① One turn of the screw [23-1] corresponds to a movement of approx. 3.1 mm in direction A or B.

It may be necessary to readjust the clamping force of the parallel side fence (see Section 12.8).

- ▶ Turn in the screw [23-1]: The clamping force needs to be reduced.
- ▶ Turn out the screw [23-1]: The clamping force needs to be increased.

12.8 Adjusting the clamping force of the parallel side fence [24]

- ▶ Turning in the screw [24-1] increases the clamping force.
- ▶ Undoing the screw reduces the clamping force.

12.9 Aligning the sliding table with the saw blade [25]

- ▶ Move the sliding table into the front position and lock it there.
- ▶ Remove the cover cap [25-1].
 - ▶ ① Press on both points to release.
 - ▶ ② Pull off the cover cap.
- ▶ ③ Remove the cover cap [25-2] and slightly undo the screw underneath it.
- ▶ Move the sliding table into the back position.
- ▶ ④ Remove the cover cap [25-3] and slightly undo the screw underneath it.
- ▶ ⑤ Adjust the free cut with the screw [25-4]. **NOTICE** : Do NOT adjust the screw [25-5]. Otherwise, the sliding table will not move easily.
- ▶ ⑥ + ⑦ tighten screws.
- ▶ Fit all cover caps again.

13 Accessories

Refer to the Festool catalogue for the order numbers of accessories and tools or find them online at www.festool.co.uk.

14 Environment



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

Before disposal, users must remove discharged batteries, accumulators that are not enclosed by the device and lights that can be removed from the old device without causing damage, if these are present. The old batteries and rechargeable batteries can then be recycled systematically.

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.

Information on REACH: www.festool.co.uk/reach

16 Troubleshooting

Problem	Possible causes	Remedy
The display does not come on.	One or both battery packs are discharged.	Charge the battery packs.
	Incorrect battery pack used.	Use suitable battery packs (see section 4).
The display does not show anything.	Display fault.	Contact an authorised service workshop or the manufacturer.
The display shows a warning.	Warning, e.g. due to overheating.	Observe the info text in the dialogue box and acknowledge the message via the focus line.
The display shows a failure.	The power tool is attempting to solve a problem, e.g. overheating.	Follow the instructions on the display.
	The power tool is faulty.	Contact an authorised service workshop or the manufacturer.
Status LED flashes red.	Incorrect battery pack combination inserted.	See Section 4.
	Undervoltage upon system start (battery level too low).	Replace the battery pack.
The Systainer hood does not close.	Accessory parts are not in the parked position.	Move the power tool to the transport position (see Section 11.1).

15 General information

Imported into the UK by

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

15.1 Bluetooth®

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.

15.2 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.

The hex key cannot be inserted into the opening on the type plate.	The saw blade is not in the parked position.	Move the saw blade to the parked position with the control module (see section 9.8).
The cutting angle does not match the indication on the display.	Cutting angle shifted.	Calibrate the cutting angle (see section 9.7).
The cutting height does not match the indication on the display.	Cutting height shifted.	Calibrate the cutting height (see section 9.5).
Reference movement failed	An area cannot be reached. End stops dirty.	Clean the end stops (see section 12.6).
The sliding table and plate are not at the same height.	Sliding table height shifted.	Adjust the height of the sliding table (see section 12.2).
The extension table and plate are not at the same height.	Extension table height shifted.	Adjust the extension table height (see section 12.1).
The sliding table can no longer be moved fully into both positions.	Maximum lift shifted.	Adjust the maximum sliding table lift (see section 12.3).
The sliding table is difficult to move.	Dirty tracks.	Clean the tracks with a cloth (see section 12.4).
	Ball bearings dirty.	Contact an authorised service workshop or the manufacturer.
Splintering during sawing	The parallel side fence for free cuts has shifted.	Align the parallel side fence to the saw blade (see section 12.7).
Motor runs with reduced power	Motor temperature too high. Speed has been reduced to allow the ventilator to cool the motor quickly.	The power tool starts up again automatically once the motor has cooled sufficiently. Only continue working once cooling down has concluded.