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FESTOOL

Instruction manual - Track saw

Page 3

IMPORTANT: Read and understand all instructions before using.

Guide d'utilisation - Scie circulaire manuelle

Page 15

IMPORTANT: Lire et comprendre toutes les instructions avant de démarrer les travaux.

Manual de instrucciones - Sierra circular de mano

Pagina 28

IMPORTANTE: Lea y comprende todas las instrucciones antes de usar.

**Instruction manual
Guide d'utilisation
Manual de instrucciones**

TS 75 EQ



701152_004



Contents

General safety rules	3
Specific Safety Rules for Circular Saws	4
Technical data	6
Symbols	6
Use for intended purpose	6
Functional description	6
Electrical connection	6
Tool settings	7
Electronic control.....	7
Riving knife.....	7
Saw blade	8
Cutting depth.....	8
Cutting angle.....	9
Dust extraction.....	9
Mounting the splinterguard.....	9
Operation	9
Switching the machine on and off.....	9
Support of the workpieces.....	10
Sawing.....	10
Systainer	11
Servicing and maintenance	12
Accessories	12

General safety rules

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

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.

1) Work area safety

- Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Power tools create sparks which may ignite the dust or fumes.
- Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

2) Electrical safety

- Power tool plugs must match the outlet. Never**

modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.

- Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.
- Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** Damaged or entangled cords increase the risk of electric shock.
- When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.
- If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.** Use of an RCD reduces the risk of electric shock.

3) Personal safety

- Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating power tools may result in serious personal injury.
- Use personal protective equipment.** Always wear eye protection. Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
- Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- Dress properly. Do not wear loose clothing or jewellery. Keep your hair and clothing away from moving parts.** Loose clothes, jewellery or

long hair can be caught in moving parts.

- g) **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.

4) Power tool use and care

- a) **Do not force the power tool. Use the correct power tool for your application.** The correct power tool will do the job better and safer at the rate for which it was designed.
- b) **Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- c) **Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.
- d) **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.
- e) **Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.** Many accidents are caused by poorly maintained power tools.
- f) **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- g) **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from those intended could result in a hazardous situation.
- h) **Keep handles dry, clean and free from oil and grease.** Slippery handles do not allow for safe handling and control of the tool in unexpected situations.

5) Service

- a) **Have your power tool serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.

Specific Safety Rules for Circular Saws

1) Cutting procedures

- a) **⚠ DANGER** **Keep hands away from cutting area and blade. Keep your second hand on auxiliary handle, or motor housing.** If both hands are holding the saw, they cannot be cut by the blade.
- b) **Do not reach underneath the workpiece.** The guard cannot protect you from the blade below the workpiece.
- c) **Adjust the cutting depth to the thickness of the workpiece.** Less than a full tooth of the blade teeth should be visible below the workpiece.
- d) **Never hold piece being cut in your hands or across your leg. Secure the workpiece to a stable platform.** It is important to support the work properly to minimize body exposure, blade binding, or loss of control.
- e) **Hold power tool by insulated gripping surfaces when performing an operation where the cutting tool may contact hidden wiring or its own cord.** Contact with a „live“ wire will also make exposed metal parts of the power tool „live“ and shock the operator.
- f) **When ripping always use a rip fence or straight edge guide.** This improves the accuracy of cut and reduces the chance of blade binding.
- g) **Always use blades with correct size and shape (diamond versus round) of arbour holes.** Blades that do not match the mounting hardware of the saw will run eccentrically, causing loss of control.
- h) **Never use damaged or incorrect blade washers or bolt.** The blade washers and bolt where specially designed for your saw, for optimum performance and safety of operation.
- i) **Wear suitable protection such as**



ear protection, safety goggles, a dust mask for work which generates dust, and protective gloves when working with raw materials and when changing tools.

2) Kickback causes and relates warnings

- kickback is a sudden reaction to a pinched, bound or misaligned saw blade, causing an uncontrolled saw to lift up and out of the workpiece toward the operator;
- when the blade is pinched or bound tightly by the kerf closing down, the blade stalls and the motor reaction drives the unit rapidly back toward the

operator;

- if the blade becomes twisted or misaligned in the cut, the teeth at the back edge of the blade can dig into the top surface of the wood causing the blade to climb out of the kerf and jump back toward the operator.

Kickback is result of saw 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 saw and position your arms to resist kickback forces. Position your body to either side of the blade, but not in line with the blade.** Kickback could cause the saw to jump backwards, but kickback forces can be controlled by the operator, if proper precautions are taken.
- When blade is binding, or when interrupting a cut for any reason, release the trigger and hold the saw motionless in the material until the blade comes to a complete stop. Never attempt to remove the saw from the work or pull the saw backward while the blade is in motion or kickback may occur.** Investigate and take corrective actions to eliminate the cause of blade binding.
- When restarting a saw in the workpiece, centre the saw blade in the kerf and check that saw teeth are not engaged into the material.** If saw blade is binding, it may walk up or kickback from the workpiece as the saw is restarted.
- Support large panels to minimise the risk of blade pinching and kickback.** Large panels tend to sag under their own weight. Supports must be placed under the panel on both sides, near the line of cut and near the edge of the panel.
- Do not use dull or damaged blades.** Unsharpened or improperly set blades produces narrow kerf causing expressive friction, blade binding and kickback.
- Blade depth and bevel adjusting locking levers must be tight and secure before making cut.** If blade adjustment shifts while cutting, it may cause binding and kickback.
- Use extra caution when making a "plunge cut" into existing walls or other blind areas.** The protruding blade may cut objects that can cause kickback.

3) Guard function

- Check guard for proper closing before each use. Do not operate the saw if guard does not move freely and enclose the blade instantly. Never clamp or tie the guard so that the blade is exposed.** If saw is accidentally dropped, guard may

be bent. Check to make sure that guard moves freely and does not touch the blade or any other part, in all angles and depths of cut.

- Check the operation and condition of the guard return spring. If the guard and the spring are not operation properly, they must be serviced before use.** Guard may operate sluggishly due to damaged parts, gummy deposits, or a build-up of debris.
- Assure that the base plate of the saw will not shift while performing the "plunge cut" when the blade bevel setting is not at 90°.** Blade shifting sideways will cause binding and likely kick back.
- Always observe that the guard is covering the blade before placing saw down on bench or floor.** An unprotected, coasting blade will cause the saw to walk backwards, cutting whatever is in its path. Be aware of the time it takes for the blade to stop after switch is released.

4) Riving knife function

- Use the appropriate saw blade for the riving knife.** For the riving knife to work, it must be thicker than the body of the blade but thinner than the tooth set of the blade.
- Adjust the riving knife as described in this instruction manual.** Incorrect spacing, positioning and alignment can make the riving knife ineffective in preventing kickback.
- Always use the riving knife, even when "plunge cutting".** The riving knife is being pressed upwards during plunge cutting and springs back automatically into the kerf after plunge cutting when you move the saw forward.
- For the riving knife to work, it must be engaged in the workpiece.** The riving knife is ineffective in preventing kickback during short cuts.
- Do not operate the saw if riving knife is bent.** Even a light interference can slow the closing rate of a guard.

⚠ WARNING TO REDUCE THE RISK OF INJURY, USER MUST READ INSTRUCTION MANUAL.

⚠ WARNING Various dust created by power sanding, sawing, grinding, drilling and other construction activities contains chemicals known (to the State of California) to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

- Lead from lead-based paints,
- Crystalline silica from bricks and cement and other masonry products,

- Arsenic and chromium from chemically-treated lumber.

The risk from these exposures varies, depending on how often you do this type of work.



To reduce your exposure to these chemicals work in a well ventilated area and use approved safety equipment, such as dust masks that are specially designed to filter out microscopic particles.

Technical data

Power consumption	13 A
No load speed	1,350 - 3,550 rpm
Max. speed ¹	4,400 rpm
Angele of cut	0° - 45°
Depth of cut at:	
90°	75 mm (3.0")
45°	56 mm (2.2")
Saw blade diameter	210 mm (8.27")
Saw blade hole diameter	30 mm (1.18")
Weight	6.1 kg (13.4 lbs)
Protection class	□/II

¹ Max. possible speed with faulty electronics.

Symbols

V	volts
A	amperes
Hz	hertz
W	watt
~	alternating current
n ₀	no load speed
□	Class II Construction
rpm/	
min ⁻¹	revolutions per minute

Use for intended purpose

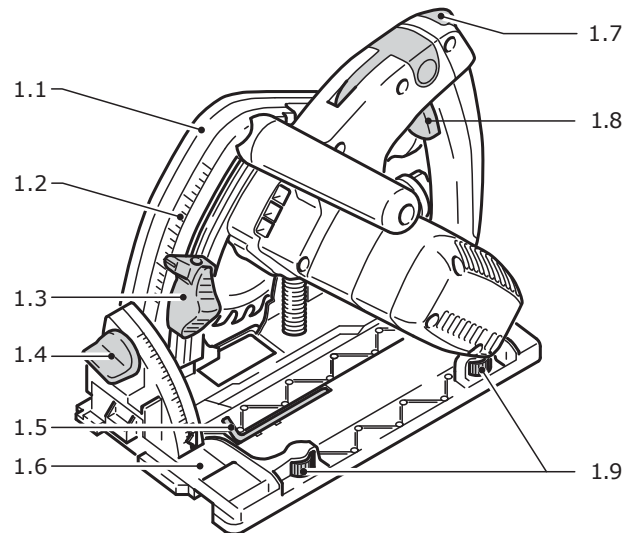
The hand-operated circular saw TS 75 EQ is designed exclusively for the sawing of wood, wood-like materials and plastics. With the special saw blades for aluminium offered by Festool, these machines can also be used for sawing aluminium.

The machine should not be converted or modified, e.g. for any other form of use, other than as specified in these operating instructions.

Festool electric power tools must only be installed on work tables provided by Festool for this purpose. If the tool is installed in another, or self-made, work table, it can become unstable and result in serious accidents.

⚠ WARNING The user shall be liable for damages and accidents resulting from incorrect use.

Functional description



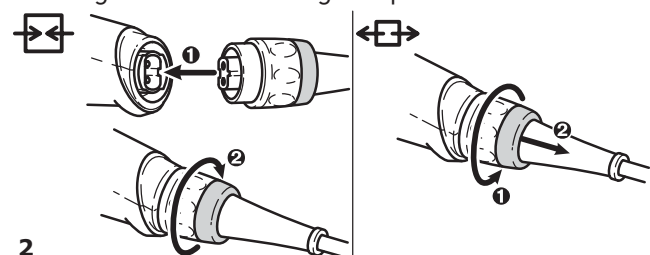
- 1.1 Protective cover
- 1.2 Cutting depth scale
- 1.3 Cutting depth end stop
- 1.4 Setscrew for angle adjustment
- 1.5 Hexagon socket wrench
- 1.6 Saw table
- 1.7 Switching on and unlocking block
- 1.8 On/Off switch
- 1.9 Guide jaws

Electrical connection

The network voltage must conform to the voltage indicated on the rating plate. A 16 A safety fuse (for 120 V) or a corresponding protective circuit-breaker is required.

See the following figure for connection and disconnection of the power cord.

⚠ WARNING Always switch the tool off before connecting or disconnecting the power cord!



Extension cable

If an extension cable is required, it must have a sufficient cross-section so as to prevent an excessive drop in voltage or overheating. An excessive drop in voltage reduces the output and can lead to failure of the motor. The table below shows you the correct cable diameter as a function of the cable length for the TS 75 EQ. Use only U.L. and CSA listed extension cables. Never use two extension cables together. Instead, use one long one.

Total Extension Cord Length (feet)	25	50	100	150
Cord size (AWG)	14	12	10	-

Note: The lower the AWG number, the stronger the cable.

Tool settings

⚠ WARNING Always disconnect the plug from the power supply before making any adjustments to the circular saw or installing or removing any accessory!

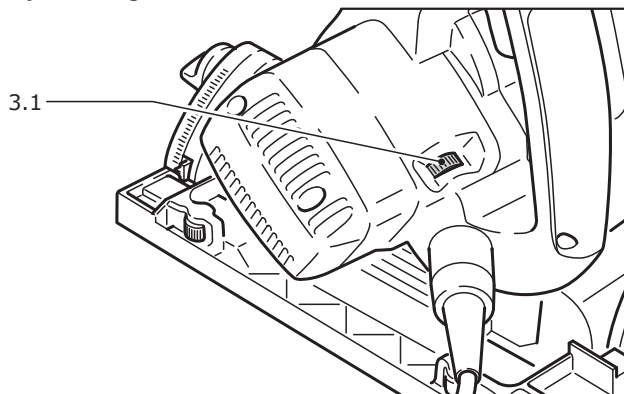
Electronic control

The TS 75 EQ has solid shaft electronics with the following functions:

Smooth start-up:

The smooth start-up ensures the machine starts up jolt-free.

Speed regulation:



The speed controller (3.1) provides infinitely variable setting between 1350 and 3550 rpm of the speed of the saw blade. This enables you to optimize the cutting speed to suit the material.

Material	Speed range
Solid wood (hard, soft) Chipboards and hard fibre boards Laminated wood, blockboards, veneered and coated boards	6
	3-6
	6
Plastics, fibre-reinforced plastics, paper and fabric Acrylic glass	3-5
	4-5
Plaster and cement-bonded fibre boards	1-3
Al Aluminium panels and profiles up to 15 mm	4-6

Constant speed:

The pre-selected speed remains constant whether the machine is in operation or in no load.

Temperature cut-out

To prevent overheating, the safety electronics switches the machine off when it reaches a critical motor temperature.

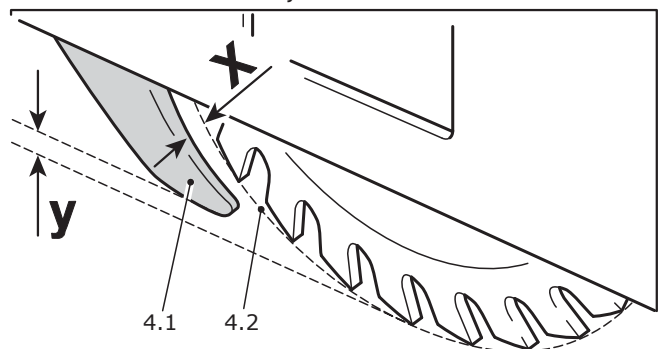
Let the machine cool down for approx. 3-5 minutes before using it again. The machine requires less time to cool down if it is running with no load.

Current limiting

Current limiting prevents permissibly high current consumption under extreme overload. This can lead to a decrease in the motor speed. The motor immediately restarts after the load is removed.

Riving knife

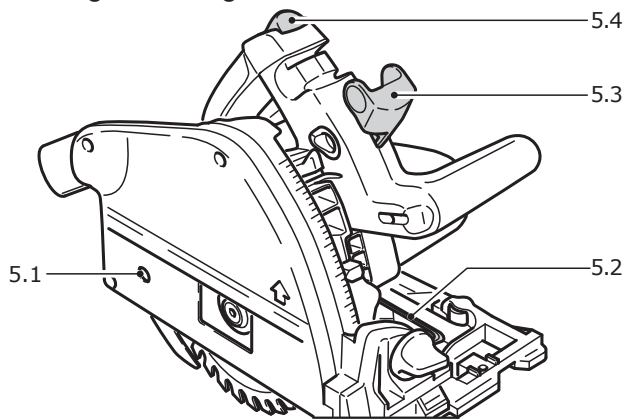
⚠ WARNING The TS 75 EQ is fitted with a riving knife (4.1) as standard. All saw work should, for safety reasons, only be carried out with the riving knife installed and correctly set!



The riving knife must be set so that

- the distance between riving knife and cutting circle (4.2) of the saw blade is 2 to 4 mm (measurement x), and
- the saw blade is set 2 to 4 mm above the riving knife (measurement y).

Setting the riving knife:



- Move lever (5.3) as far as it will go,
- push switch lock (5.4) up and push sawing unit down until it locks into place,
- loosen screw (5.1) with Allen key (5.2),
- set spacer wedge as shown in picture 4,
- tighten screw (5.1),
- put lever (5.3) back.

Saw blade

⚠ WARNING Check regularly whether the saw blade is in good condition. Saw blades which are cracked or have changed shape should no longer be used, but changed immediately!

When selecting the saw blades it is essential that the following points are observed:

- Do not use saw blades made of high alloy high speed steel (HSS circular saws), as otherwise there is a great danger of kickback.
- Use only saw blades that have an outside diameter of 210 mm.
- The bore diameter of the saw blade holder should be 30 mm.
- Use only saw blades with a fundamental thickness of max. 1.8 mm and a cutting width of 2.4 to 2.6 mm.

The TS 75 EQ was tested with Festool saw blades listed in the Festool catalogue. For your own safety, we recommend that you use only those saw blades.

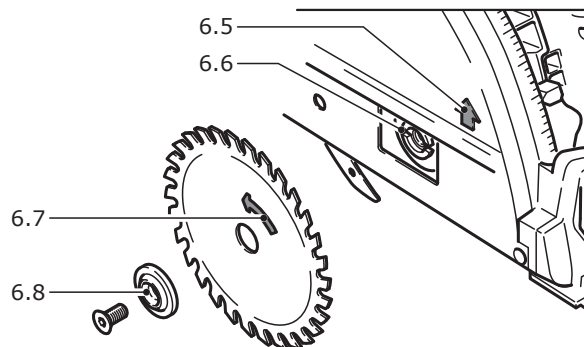
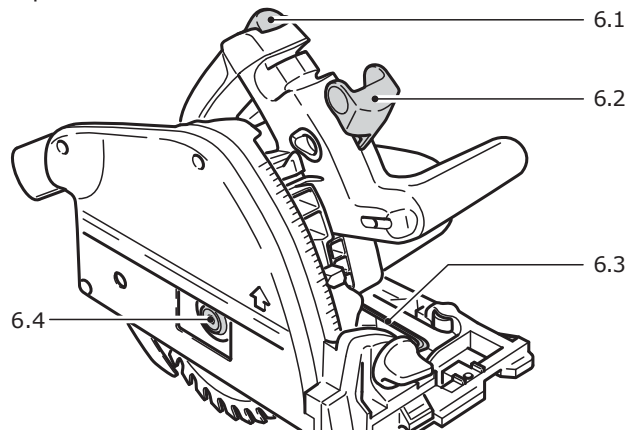
To change the saw blade, place the circular saw on the saw bench so that the saw blade protrudes a few millimetres beyond the edge of the bench.

Remember that saw blades are made for sawing and the cutting edges are correspondingly sharp. So handle the saw blade with care.

Changing the saw blade

- Move lever (6.2) as far as it will go,

- push switch lock (6.1) up and push sawing unit down until it locks into place,
- loosen screw (6.4) with Allen key (6.3),
- remove saw blade,
- clean the flanges (6.6, 6.8),
- insert new saw blade. **⚠ WARNING** The direction of rotation of the saw blade (6.7) and the machine (6.5) must be the same.
- Insert outer flange (6.8) such that the locking pins engage into the notches on the inner flange (6.6),
- tighten screw (6.4),
- put lever (6.2) back.



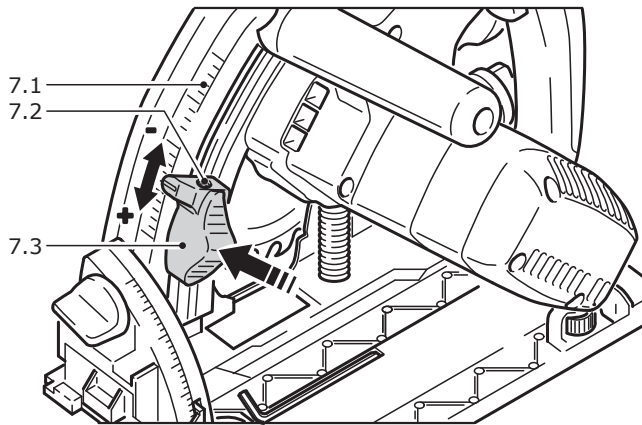
Cutting depth

The cutting depth can be set at 0 – 75 mm:

- Press the cutting depth stop (7.3) and move it to the desired cutting depth (the values specified on the scale (7.1) apply to 0° cuts without guide rail),
- Release the cutting depth stop (the cutting depth stop notches along in 1 mm-steps).

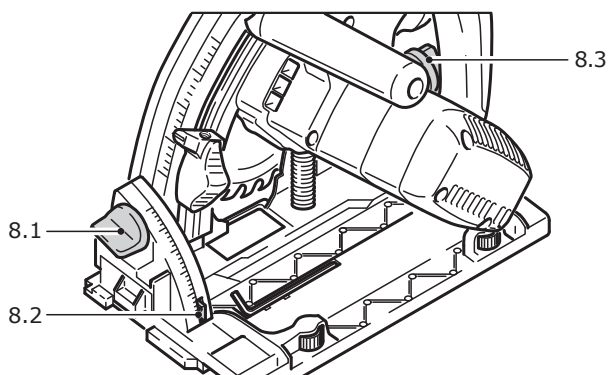
The sawing unit can now be pressed down to the set cutting depth.

A grub screw (M 4 x 8 to M 4 x 12) can be screwed into the hole (7.2) on the cutting depth stop. By turning the grub screw, the cutting depth can be set even more exactly (± 0.1 mm).



Cutting angle

The sawing unit can be swivelled between 0° and 45°:

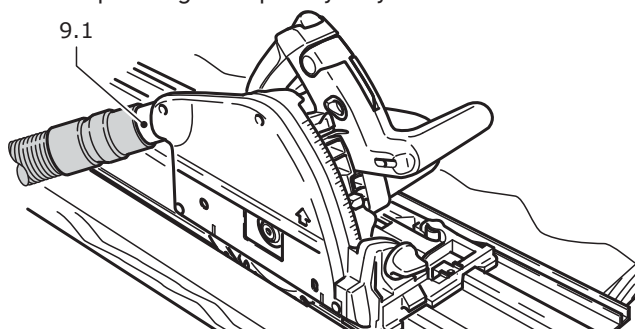


- Loosen rotary knobs (8.1, 8.3),
- Swivel sawing unit to the desired cutting angle (8.2),
- Retighten rotary knobs.

Note: both end positions (0° and 45°) are set at the factory and can be readjusted by the after-sales service team.

Dust extraction

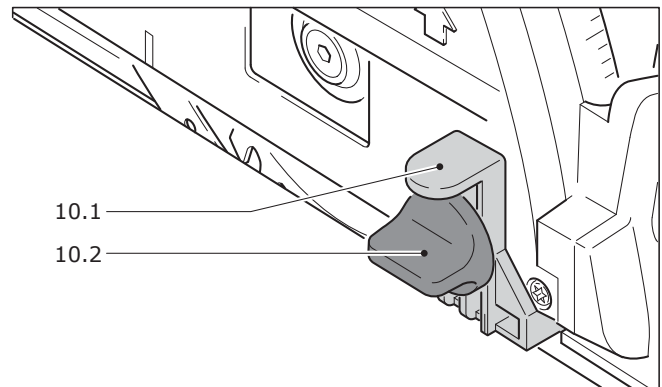
Particularly for work in closed areas, we recommend that you connect your circular saw to a chip extractor. This will enable you to reduce the dust load in the air, ensuring that your workplace is clean and improving the quality of your work.



A Festool dust extractor with an extractor hose diameter of 36 mm or 27 mm (36 mm recommended)

due to the reduced risk of clogging) can be connected to the rotating extractor connector (9.1)

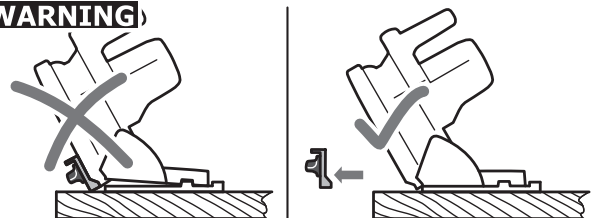
Mounting the splinterguard



The splinterguard (accessories) significantly improves the quality of the cutting edge of the sawn workpiece on the upper side for 0° cuts.

- Attach splinterguard (10.1) onto the protective cover,
- Place machine onto the workpiece or the guide rail,
- Press splinterguard down until it sits on the workpiece and tighten it with the rotary knob (10.2).
- Saw splinterguard in (machine to maximum cutting depth and speed range 1).

⚠ WARNING



Use the splinterguard only for 0° cuts. Always remove the splinterguard for mitre cuts. When making mitre cuts, the splinterguard raises the portable circular saw from the workpiece, which can lead to serious injuries.

Operation

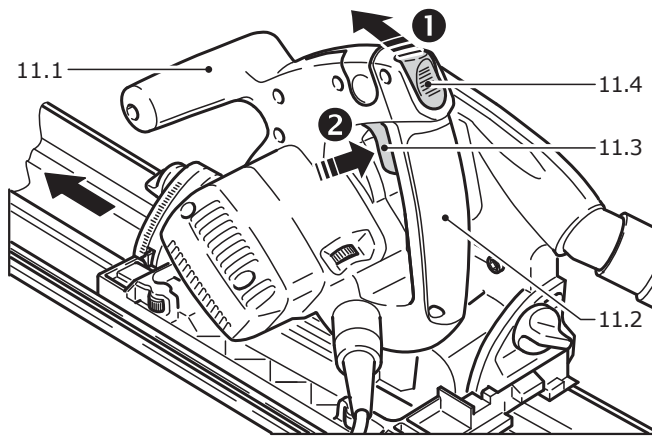
⚠ WARNING Read and understand the safety instructions before starting work!

Switching the machine on and off

⚠ WARNING Keep the machine steady during switching and during use by holding the handle (11.2) and the additional handle (11.1) with both hands.

To switch on, first push the cut-in and release block (11.4) forwards, and then press the „On“ - „Off“ switch (11.3). You can then press the machines down for sawing, and release the cut-in and release block.

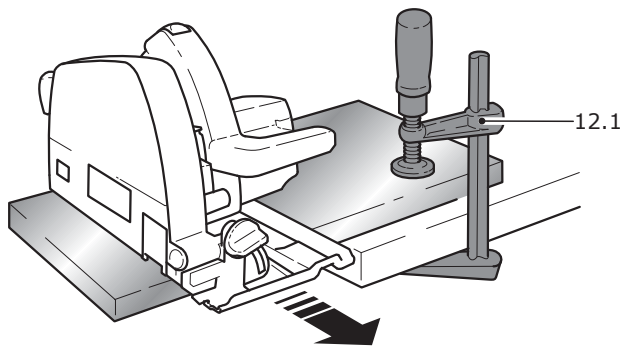
To switch off, release the „On“ - “Off” switch.



⚠ WARNING After the machine has been switched off, the saw blade will still rotate for a time. Take care that parts of your body do not come into contact with the saw blade while it is still rotating!

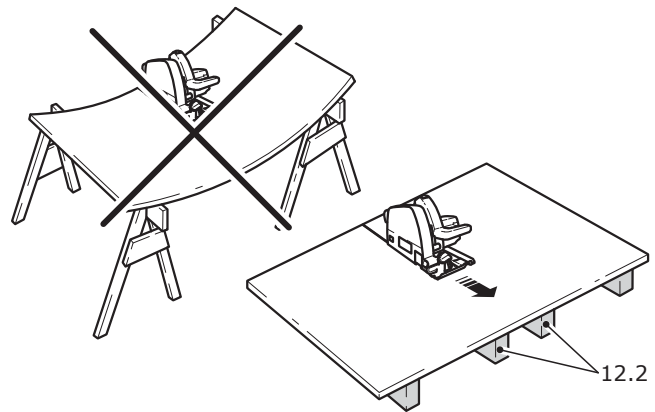
As soon as you remove the machine from the workpiece once sawing has been completed, the machine automatically returns to its basic position and the saw blade is again completely covered by the protective covering.

Support of the workpieces



Ensure that your workpieces are securely fixed and cannot move during sawing. Otherwise, there is an increased risk of accident. Never hold the workpiece to be cut with your hands or between your legs. Use instead screw clamps (12.1) or some other suitable devices to fix your workpiece.

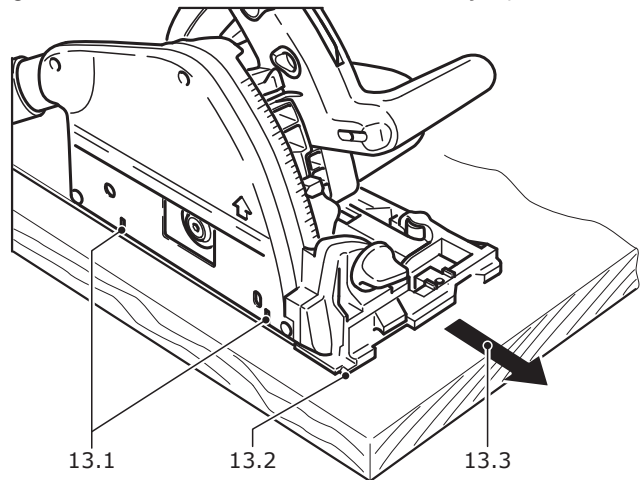
Never position large or long workpieces so that they bend in the middle or at the cutting face. This can lead to the saw blade jamming and recoiling. Instead, support the workpiece with several wooden battens (12.2), particularly in the vicinity of the cutting face.



Sawing

⚠ WARNING The machine must reach full speed before cutting begins and should only be switched off once cutting has finished.

⚠ WARNING Only operate the saw away from you (pushing the circular saw forwards, 13.3) and never towards you (pulling the circular saw backwards). If you saw towards you, there is the danger that the circular saw might be accelerated out of the cutting groove (recoil) and cause serious injury.

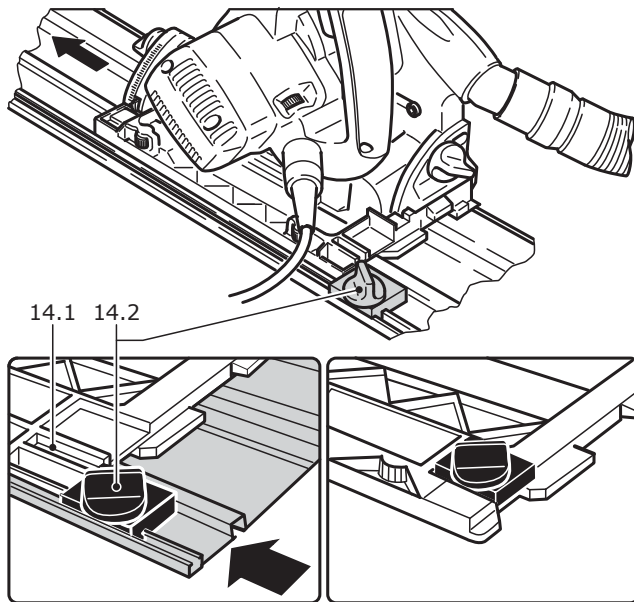


A) Sawing sections:

- Place the front part of the saw bench on the workpiece. The cutting indicator (13.2) displays the cutting line for 0° and 45° cuts (without guide rail).
- Switch the machine on, and press the saw down to the set cutting depth.
- Push the machine in the direction of cut. Take care that the saw bench remains firmly on the workpiece.
- Switch the machine off when cutting is completed.

B) Plunge cuts:

⚠ WARNING In order to avoid kickbacks, the following instructions absolutely must be observed when plunge cutting:



- The machine must always be placed with the rear edge of the saw table against a fixed stop.

When working with the guide rail, the tool must be placed at the kickback stop (14.2), which is firmly clamped on the guard rail. When not in use, the kickback stop can be kept in safe keeping at the guide plate (14.1) of the machine.

- The machine must always be held securely with both hands and only plunged slowly.

Procedure: place the machine onto the workpiece and position it against a stop (kickback stop), switch the machine on, slowly press it down onto the set cutting depth and push it forward in the cutting direction.

The markings (13.1) display the absolute front and the absolute rear cutting points of the saw blade (dia. 210 mm) at maximum cutting depth and using the guide rail.

C) Sawing aluminium

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

- Pre-connect a residual current circuit-breaker.
- Connect the machine to a suitable dust extractor.
- Clean the machine regularly of dust deposits in the motor housing and in the protective cover.
- Wear protective goggles.
- Aluminium must only be sawed with the special saw blades from Festool designed for this purpose.
- When sawing panels, they must be lubricated with petroleum, thin-walled profiles (up to 3 mm) can be sawed without lubrication.

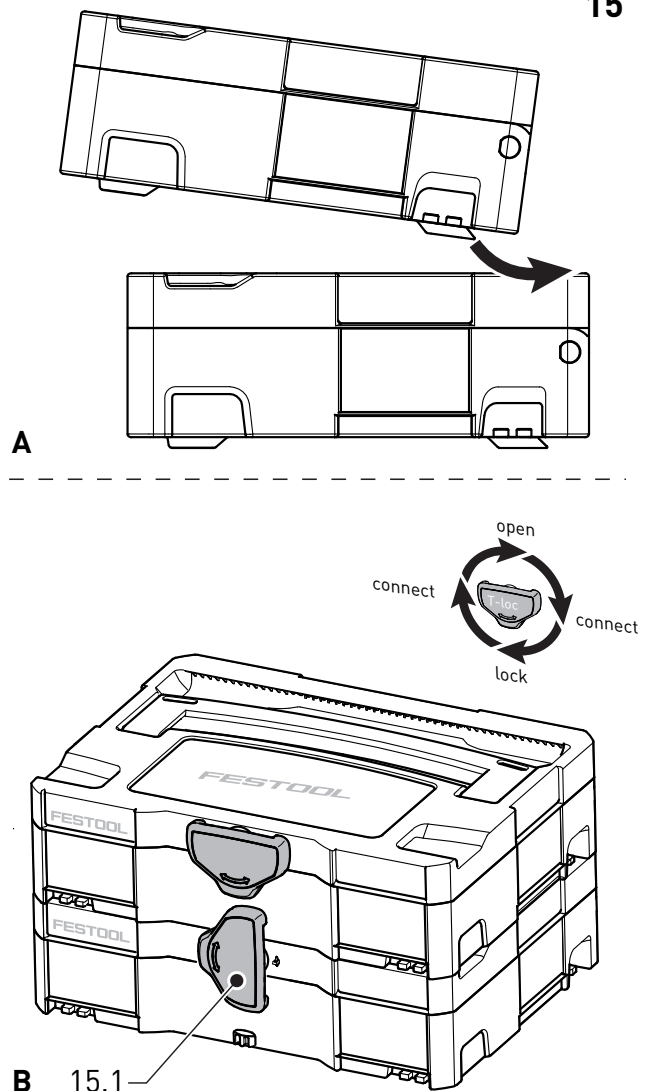
Systainer

Many Festool products are shipped in a unique system container, called "Systainer". This provides protection and storage for the tool and accessories. The Systainers are stackable and can be interlocked together. They also can be interlocked atop Festool CT dust extractors.

- To open the Systainer:
 - Turn the T-loc [15.1] to the position
- To lock the Systainer:
 - Turn the T-loc [15.1] to the position
- To connect two Systainers:
 - Place one Systainer on the top of the other (Fig. 15 A).
 - Turn the T-loc [15.1] to the position or (Fig. 15 B).

The Systainers are connected and locked.

15



- ▶ A new generation Systainer is connectable on top of a previous generation Systainer by the four latches of the previous Systainer.

Servicing and maintenance

⚠ WARNING Any maintenance or repair work that requires opening of the motor or gear housing should only be carried out by an authorised Customer Service Centre (name supplied by your dealer) ! Maintenance or repair work carried out by an unauthorised person can lead to the wrong connection of the power leads or other components, which in turn can lead to accidents with serious consequences.

⚠ WARNING To prevent accidents, always remove the plug from the power supply socket before carrying out any maintenance or repair work on the machine! Do not use compressed air to clean the electrical tool! Do not try to clean parts inside the machine in this way, as you could let foreign objects in through the openings of the machine housing.

⚠ CAUTION Certain cleaning agents and solvents are harmful to plastic parts. Some of these are: gasoline, carbonyl chloride, cleaning solutions containing chlorine, ammonia and household cleaners containing ammonia.

- To assure the circulation of air, the cool air vents in the motor housing must always be kept clear and clean.
- This unit is fitted with special, automatically disconnecting carbon brushes. If these become worn, the current is automatically switched off and the unit shuts down. In this case, take the unit to an authorised Customer Service Centre and have the carbon brushes changed.
- After being removed away from the workpiece, the machine automatically returns to its basic position, the saw blade retracts into the protective cover and the cut-in and release block engages once again. If this no longer functions, stop using the hand-operated circular saw and have it repaired immediately by an authorised Customer Service Centre.
- The riving knife must be aligned with the saw blade, and should not be crooked. A faulty riving knife must be replaced immediately. Under no circumstances use the saw without the riving knife because of the increased risk of recoil.
- Even with proper usage the teeth of the saw blade become blunt in time. Change the saw blade as soon as you notice that you need a greater force to push the machine during sawing or the quality

of cut has deteriorated. Take blunt saw blades back to an authorised Customer Service Centre for re-sharpening. Take the saw blades out when you want to clean them of resin and wood. Use kerosene for cleaning the saw blades.

Accessories

The order numbers for these and for other accessories that allow you to use your Festool portable circular saw effectively and in many ways, can be found in the Festool catalogue or on the Internet under www.festoolusa.com.

Parallel stop, table widener

A parallel stop can be used for section widths up to 180 mm.

The parallel stop can also be used as a table widener.

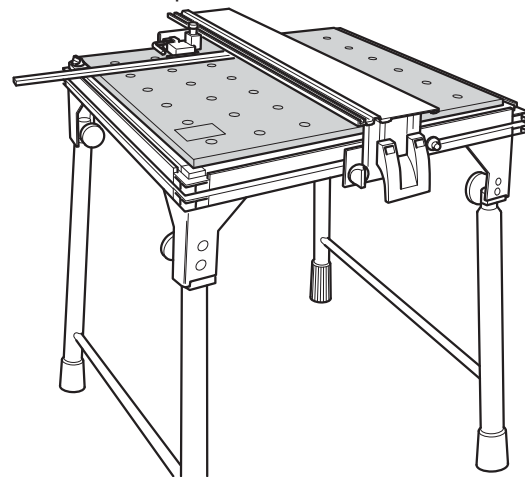
Side-mounted cover, false joints

The cover that can be mounted on the side of the protective cover improves the effect of dust extraction for 0° cuts.

Simultaneously, the cover can be used as a false joint stop for false joint widths from 18 mm onwards.

Multifunction table

The multifunction table (MFT/3, MFT 800, MFT 1800) makes clamping the workpiece easy and allows you to saw large and small workpieces safely and precisely using the guide system. Its many fields of application make economical and ergonomically convenient work possible.



16

Guide system

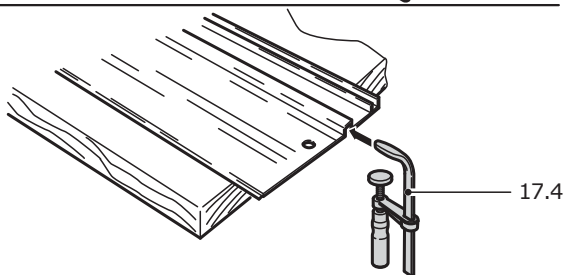
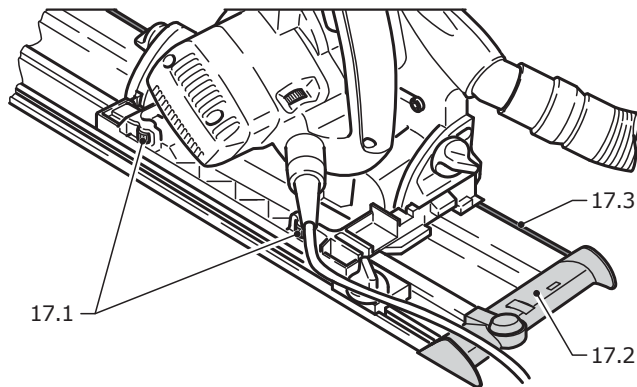
The guide rails, which are available in different lengths, allow for precise, clean cuts and simulta-

neously protect the workpiece surface against damage. In conjunction with the extensive range of accessories, exact angled cuts, mitre cuts and fitting work can be completed with the guide system.

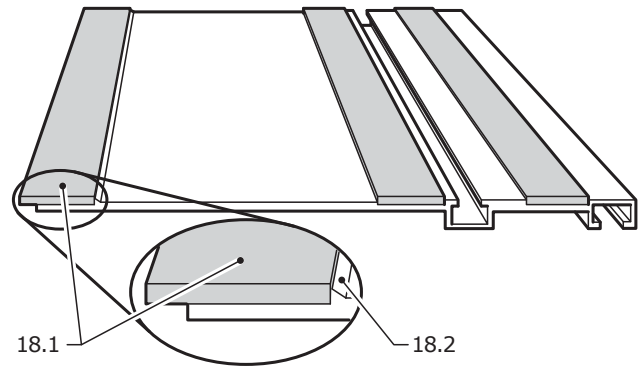
The option of securing using G-clamps (17.4) ensures a firm hold and safe working. The optional cord guide (17.2) prevents the power cord and vacuum hose from catching on the end of the guide rail.

The guide clearance of the saw table on the guide rails can be set with the two setting jaws (17.1).

The guide rails are equipped with a splinterguard (17.3, 18.1), which prevents splintering of the workpiece by holding the top edge of the workpiece down as the teeth of the sawblade move upward against it. The splinterguard has to be cut to size before the first use:



- Set the speed of the machine to level 6,
- Place the machine on the rear end of the guide rail,
- Switch the machine on, press it down to the set cutting depth and cut the splinterguard along the full length without interruption. The edge of the splinterguard now corresponds exactly to the cutting edge.



The splinter guard needs to be replaced if it becomes damaged or worn:

- Peel the original splinter guard (18.1) away from the guide rail.
- As needed, clean residual adhesive and debris from the guide rail.
- Peel off the plastic backing from the new splinter guard to expose the adhesive.
- Without stretching the rubber, carefully place the new splinter guard on the underside of the guide rail tight to the alignment rib (18.2).
- Make sure the splinter guard is firmly pressed down to the guide rail.
- Trim the splinter guard as described before.

Saw blades, other accessories

In order to be able to saw different materials quickly and cleanly, Festool offers saw blades that are specially designed for your machine.

The order numbers for the saw blades and other accessories can be found in the Festool catalogue or on the Internet under www.festoolusa.com.