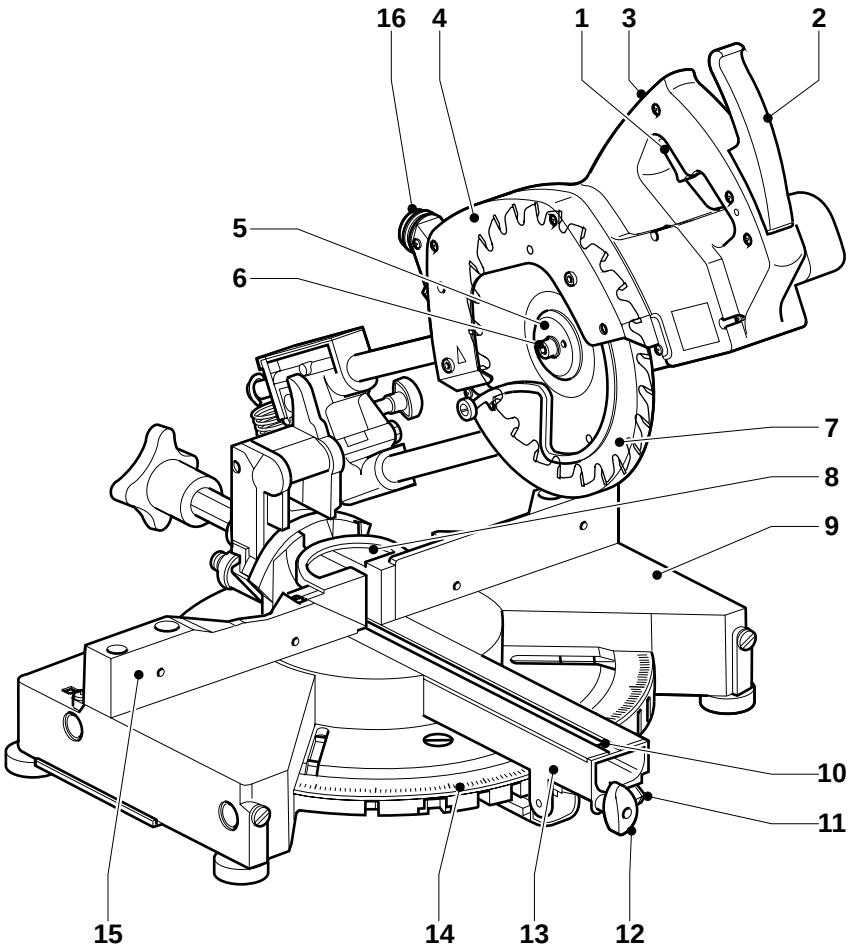
DEWALT®

# DW700

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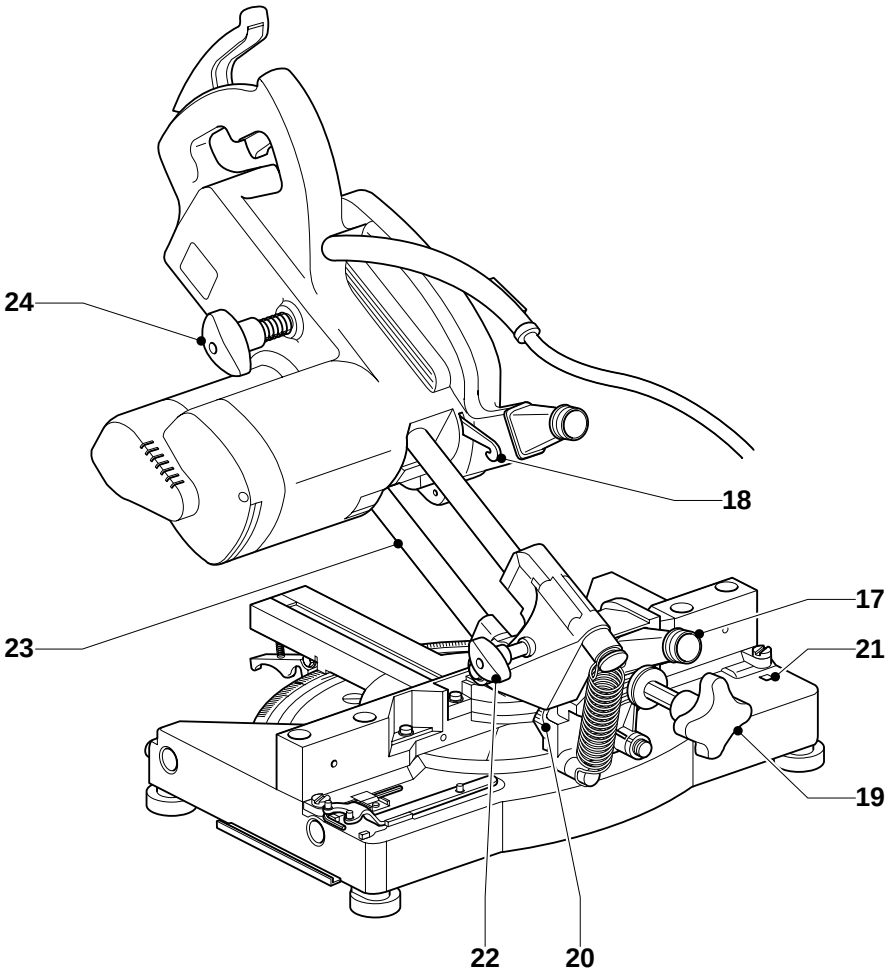


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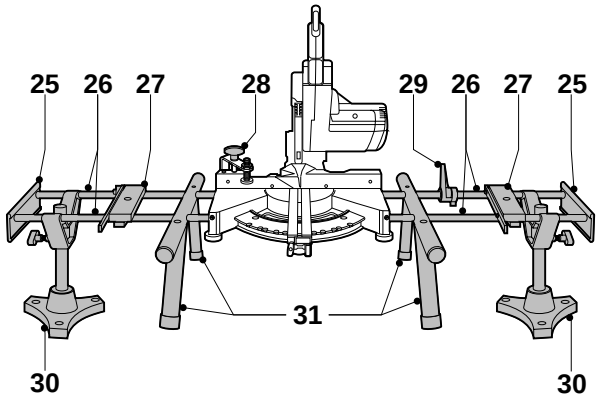


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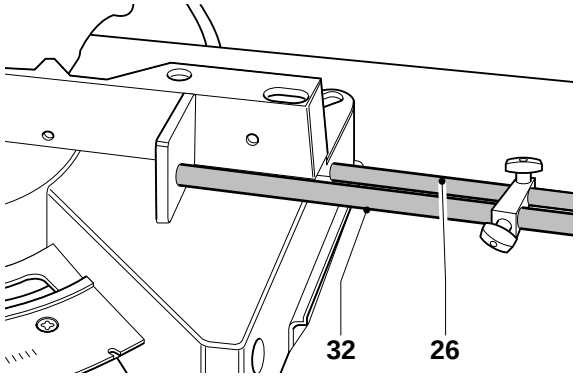


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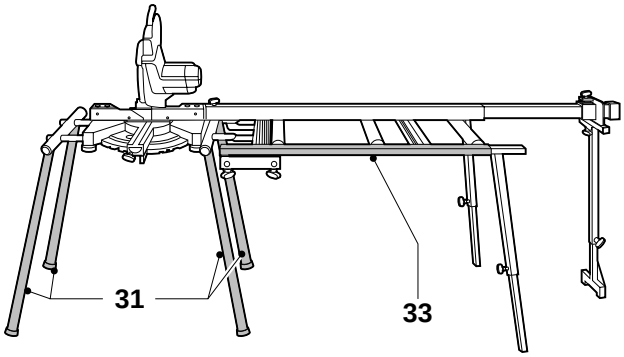


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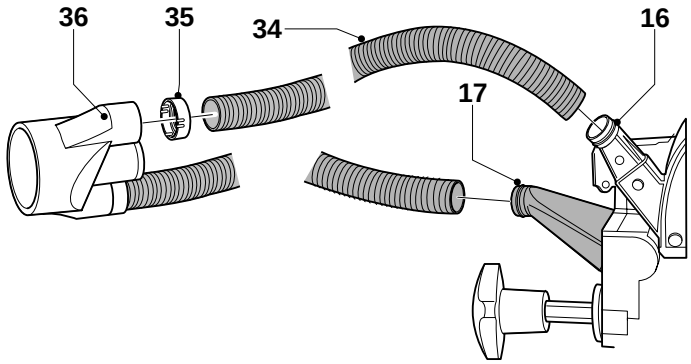


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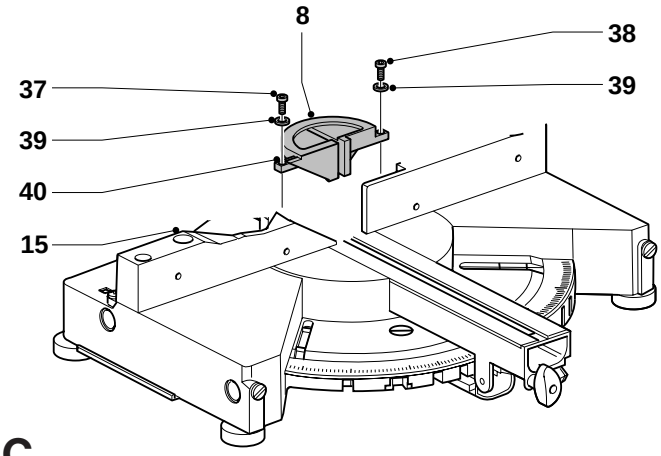


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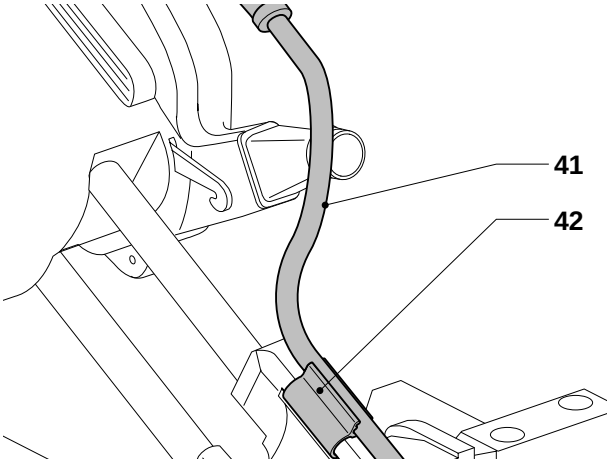


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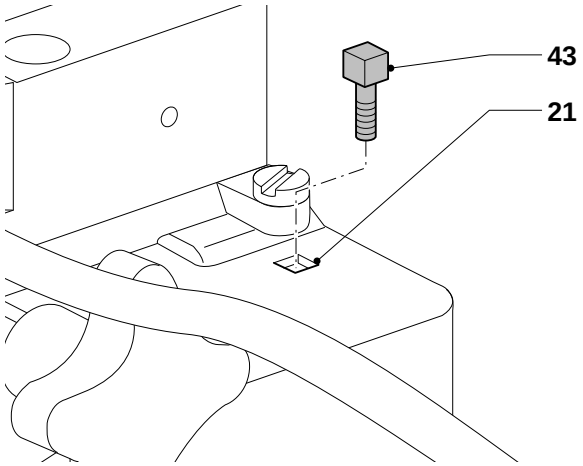


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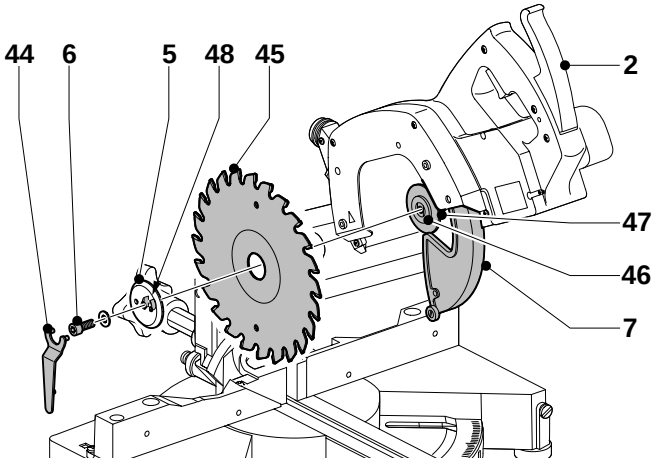


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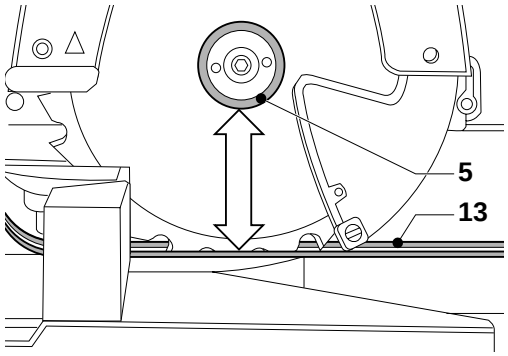


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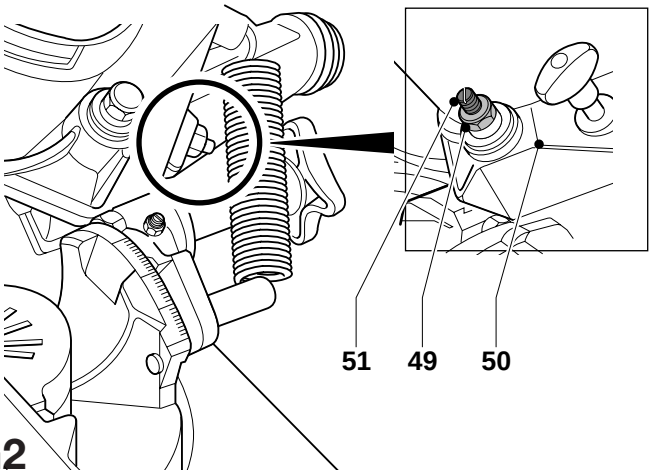


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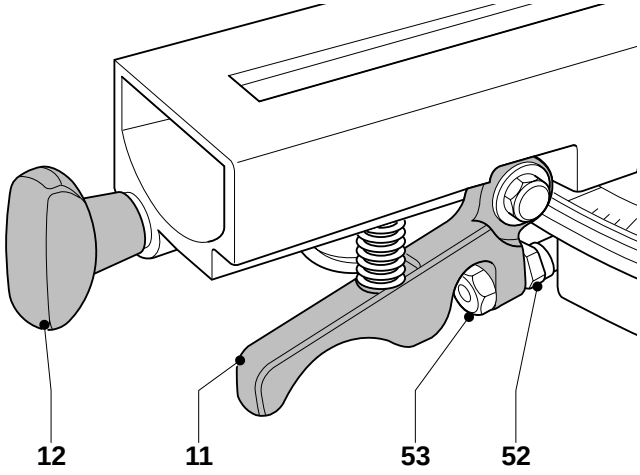


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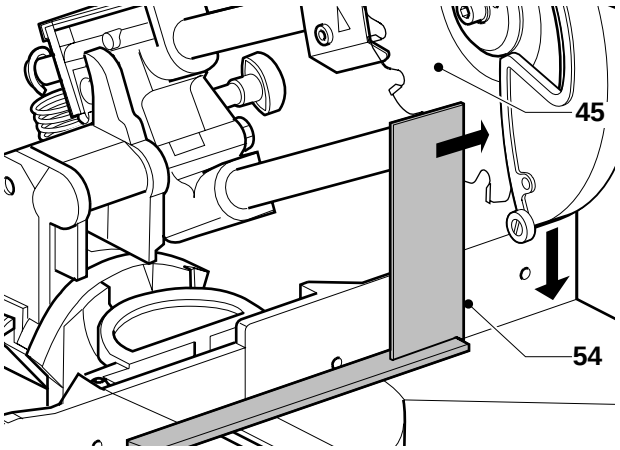


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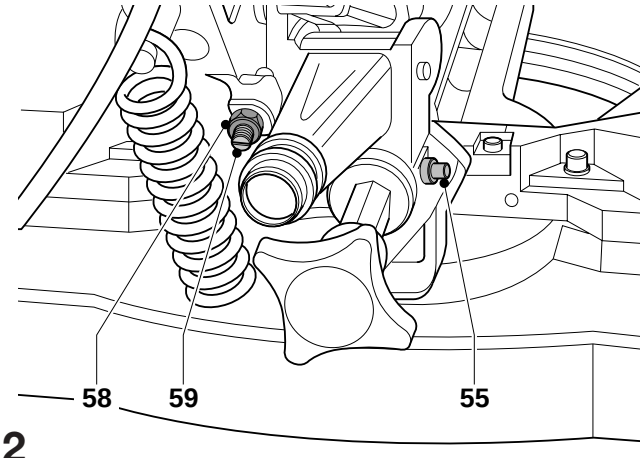


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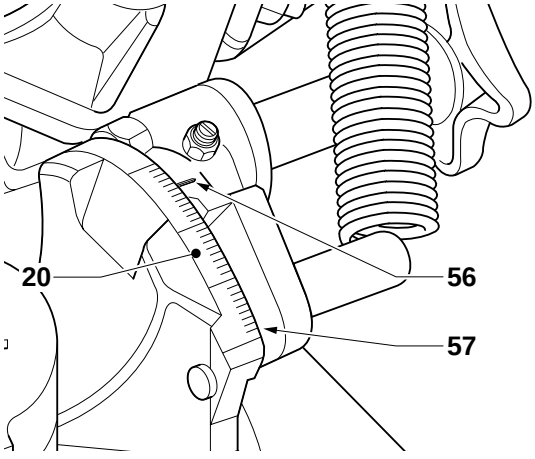


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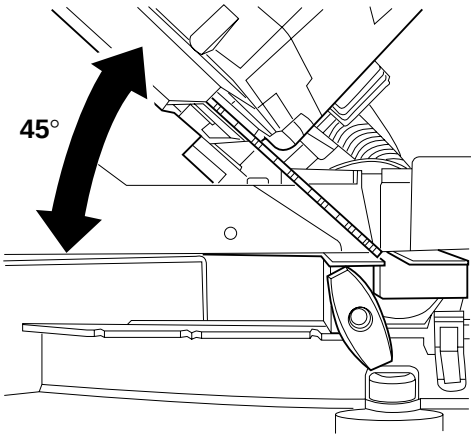


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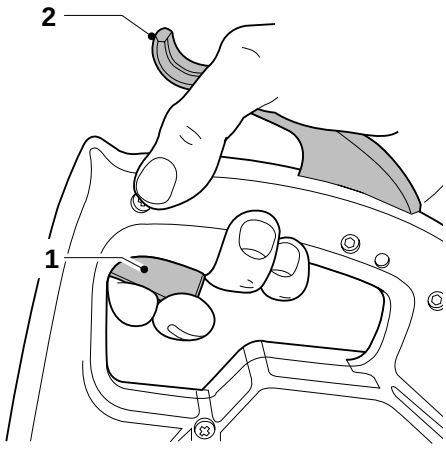


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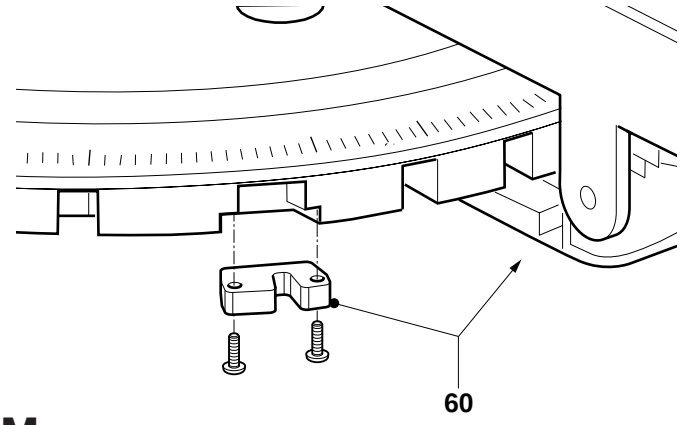


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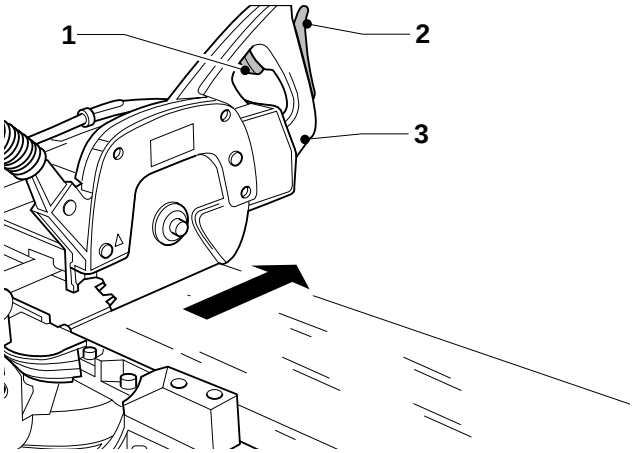


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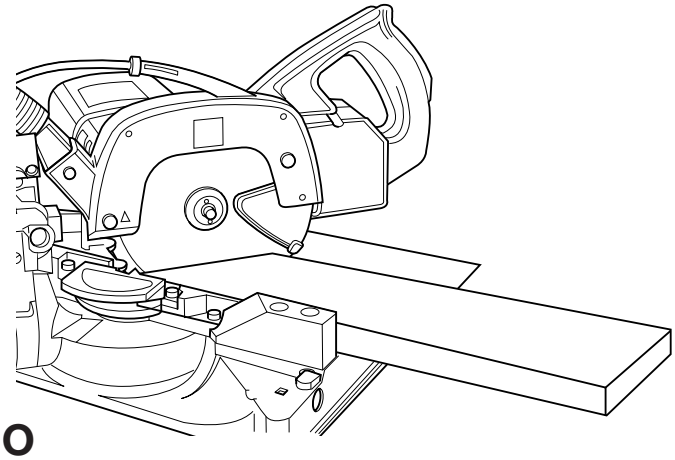

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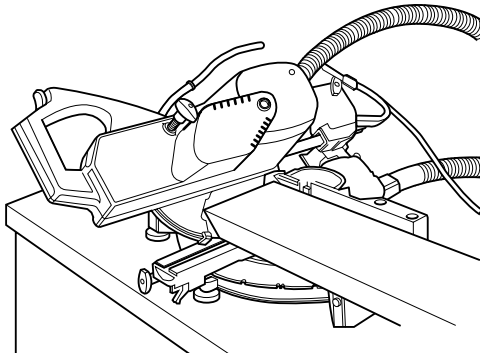

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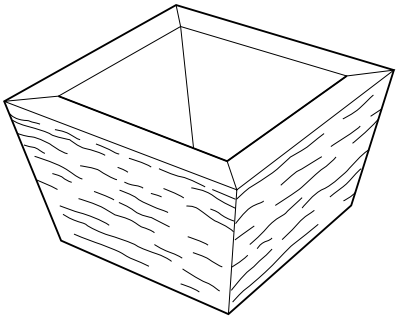

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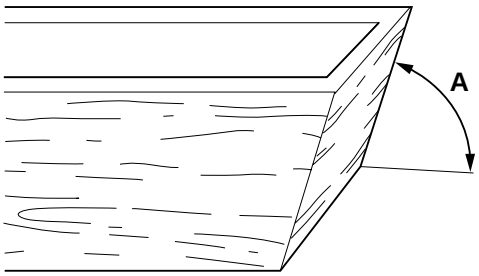



**Q2**

# CROSS-CUT MITRE SAW DW700

### Congratulations!

You have chosen a DEWALT product. Years of experience, thorough product development and innovation make DEWALT one of the most reliable partners for professional users.

### Table of contents



### Technical data

| | | DW700 |
|---|---|---|
| Voltage | V | 230 |
| (U.K. & Ireland only) | V | 230/115 |
| Motor power (input) | W | 1,200 |
| Motor power (output) | W | 800 |
| Blade diameter | mm | 216 |
| Blade bore | mm | 30 |
| Max. blade speed | $min^{-1}$ | 7,000 |
| Mitre (max. positions) | left and right | 45° |
| Bevel (max. position) | left | 45° |
| Compound mitre | bevel | 45° |
| | mitre | 45° |
| Capacities | | |
| cross-cut 90° | mm | 254 x 52 |
| mitre 45° | mm | 175 x 52 |
| bevel 45° | mm | 254 x 40 |
| Overall dimensions | mm | 540 x 440 x 360 |
| Weight | kg | 12.5 |

| Fuses: | | |
|---|---|---|
| Europe | 230 V tools | 10 Amperes, mains |
| U.K. & Ireland | 230 V tools | 13 Amperes, in plugs |

The following symbols are used throughout this manual:

Denotes risk of personal injury, loss of life or damage to the tool in case of non-observance of the instructions in this manual.

Denotes risk of electric shock.

Sharp edges.

### EC-Declaration of conformity

CE

**DW700**

DEWALT declares that these Power Tools have been designed in compliance with: 89/392/EEC, 89/336/EEC, 73/23/EEC, EN 50144, EN 55104, EN 55014, EN 61000-3-2 & EN 61000-3-3.

For more information, please contact DEWALT at the address below, or refer to the back of the manual.

Level of sound pressure according to 86/188/EEC & 89/392/EEC, measured according to EN 50144:

| | | DW700 |
|---|---|---|
| $L_{pA}$ (sound pressure) | dB(A)* | 90.6 |
| $L_{WA}$ (acoustic power) | dB(A) | 98.6 |

* at the operator's ear

Take appropriate measures for the protection of hearing if the sound pressure of 85 dB(A) is exceeded.

Weighted root mean square acceleration value according to EN 50144:

| DW700 |
|---|
| < 2.5 $m/s^2$ |

TÜV Rheinland
Sicherheit und Umweltschutz GmbH
Am Grauen Stein
D-51105 Köln
Germany

| Cert. No. |
|---|
| AM 9511299 01 |

Director Engineering and Product Development
Horst Großmann

H. Großmann

DEWALT, Richard-Klinger-Straße 40,
D-65510, Idstein, Germany

## Safety instructions

**When using Power Tools, always observe the safety regulations applicable in your country to reduce the risk of fire, electric shock and personal injury. Read the following safety instructions before attempting to operate this product.**
**Keep these instructions in a safe place!**

*General*

**1 Keep work area clean**
Cluttered areas and benches can cause accidents.

**2 Consider work area environment**
Do not expose Power Tools to humidity. Keep work area well lit. Do not use Power Tools in the presence of inflammable liquids or gases.

**3 Guard against electric shock**
Prevent body contact with earthed surfaces (e.g. pipes, radiators, cookers and refrigerators). For use under extreme conditions (e.g. high humidity, when metal swarf is being produced, etc.) electric safety can be improved by inserting an isolating transformer or a (FI) earth-leakage circuit-breaker.

**4 Keep children away**
Do not let children come into contact with the tool or extension cord. Supervision is required for those under 16 years of age.

**5 Extension cords for outdoor use**
When the tool is used outdoors, always use extension cords intended for outdoor use and marked accordingly.

**6 Store idle tools**
When not in use, Power Tools must be stored in a dry place and locked up securely, out of reach of children.

**7 Dress properly**
Do not wear loose clothing or jewellery. They can be caught in moving parts. Preferably wear rubber gloves and non-slip footwear when working outdoors. Wear protective hair covering to keep long hair out of the way.

**8 Wear safety goggles**
Also use a face or dust mask in case the operations produce dust or flying particles.

**9 Beware of maximum sound pressure**
Take appropriate measures for the protection of hearing if the sound pressure of 85 dB(A) is exceeded.

**10 Secure workpiece**
Use clamps or a vice to hold the workpiece. It is safer and it frees both hands to operate the tool.

**11 Do not overreach**
Keep proper footing and balance at all times.

**12 Avoid unintentional starting**
Do not carry the plugged-in tool with a finger on the switch.
Be sure that the switch is released when plugging in.

**13 Stay alert**
Watch what you are doing. Use common sense. Do not operate the tool when you are tired.

**14 Disconnect tool**
Shut off power and wait for the tool to come to a complete standstill before leaving it unattended. Unplug the tool when not in use, before servicing or changing accessories.

**15 Remove adjusting keys and wrenches**
Always check that adjusting keys and wrenches are removed from the tool before operating the tool.

**16 Use appropriate tool**
The intended use is laid down in this instruction manual. Do not force small tools or attachments to do the job of a heavy-duty tool. The tool will do the job better and safer at the rate for which it was intended.
**Warning!** The use of any accessory or attachment or performance of any operation with this tool, other than those recommended in this instruction manual may present a risk of personal injury.

**17 Do not abuse cord**
Never carry the tool by its cord or pull it to disconnect from the socket. Keep the cord away from heat, oil and sharp edges.

**18 Maintain tools with care**
Keep the tools in good condition and clean for better and safer performance. Follow the instructions for maintenance and changing accessories. Inspect the tool cords at regular intervals and, if damaged, have them repaired by an authorized DEWALT repair agent. Inspect the extension cords periodically and replace them if damaged. Keep all controls dry, clean and free from oil and grease.

**19 Check for damaged parts**
Before using the tool, carefully check it for damage to ensure that it will operate properly and perform its intended function. Check for misalignment and seizure of moving parts, breakage of parts and any other conditions that may affect its operation. Have damaged guards or other defective parts repaired or replaced as instructed.
Do not use the tool if the switch is defective. Have the switch replaced by an authorized DEWALT repair agent.

**20 Have your tool repaired by an authorized DEWALT repair agent**
This Power Tool is in accordance with the relevant safety regulations. To avoid danger, electric appliances must only be repaired by qualified technicians.

*Additional Safety Rules for Mitre Saws*

- Make sure that the blade rotates in the correct direction. Keep the blade sharp. Do not use blades of larger or smaller diameter than recommended. For the proper blade rating refer to the technical data.
- Make sure all locking knobs and clamp handles are tight before starting any operation.
- Check periodically that the motor air slots are clean and free of chips.
- Disconnect the machine from the mains before carrying out any maintenance work or when changing the blade.
- Before using any accessory consult the instruction manual. The improper use of an accessory can cause damage.
- Allow the motor to reach full speed before cutting.
- Raise the blade from the kerf in the workpiece prior to releasing the switch.
- Do not wedge anything against the fan to hold the motor shaft.
- Never place either hand in the blade area when the saw is connected to the electrical power source.
- Do not attempt to cut excessively small pieces.
- Never attempt to stop a machine in motion rapidly by jamming a tool or other means against the blade; serious accidents can be caused unintentionally in this way.
- Do not use cracked or damaged saw blades.
- Do not use any abrasive discs.
- Do not cut ferrous metals, non-ferrous metals or masonry.

*Residual risks*

The following risks are inherent to the use of mitre saws:
- injuries caused by touching the rotating parts.

In spite of the application of the relevant safety regulations and the implementation of safety devices, certain residual risks cannot be avoided. These are:
- Impairment of hearing.
- Risk of accidents caused by the uncovered parts of the rotating saw blade.
- Risk of injury when changing the blade.
- Risk of squeezing fingers when opening the guards.
- Health hazards caused by breathing dust developed when sawing wood, especially oak, beech and MDF.

## Package contents

The package contains:
1 Partly assembled machine
1 Allen key
1 Pin spanner
1 216 mm TCT saw blade
2 Coach bolts
1 Fence insert (with 2 screws)
2 Dust extraction nozzles
1 Instruction manual
1 Exploded drawing

- Check for damage to the tool, parts or accessories which may have occurred during transport.
- Take the time to thoroughly read and understand this manual prior to operation.
- Remove the saw from the packaging material carefully.

## Description (fig. A1 & A2)

Your DEWALT Cross-Cut Mitre Saw has been developed for professional applications. This high precision machine can be easily and quickly set to crosscut, bevel, mitre, or compound mitre. Placing the workpiece on a piece of wood will increase the capacities to 300 mm.

A1
1 ON/OFF-switch
2 Head lock up release lever
3 Carrying handle
4 Fixed upper guard
5 Outer flange
6 Blade bolt
7 Lower blade guard
8 Fence insert
9 Fixed table
10 Blade slot
11 Positive stop lever
12 Mitre clamping knob
13 Rotating table/mitre arm
14 Mitre scale
15 Fence
16 Upper dust extraction nozzle

A2
17 Lower dust extraction nozzle
18 Head lock up hook
19 Bevel clamp
20 Bevel scale
21 Bench mounting holes
22 Lock down button
23 Traverse bars
24 Traverse locking screw

*Optional Accessories*

A3
25 Table end plate
26 Support guide rails
27 Material support plate
28 Material clamp
29 Swivelling stop
30 Adjustable stand 760 mm (max. height)
31 Legstand

A4
32 Length stop for short workpieces (to be used with guide rails [26])

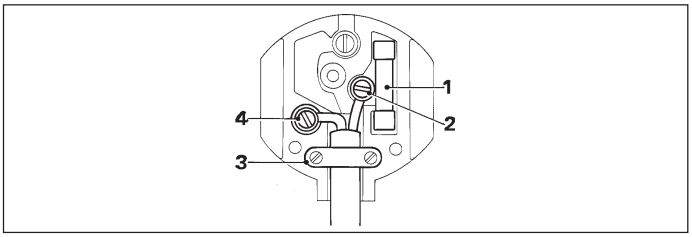
A5
31 Legstand
33 Roller table

## Electrical safety

The electric motor has been designed for one voltage only. Always check that the power supply corresponds to the voltage on the rating plate.

## Mains plug replacement (U.K. & Ireland only)

- Should your mains plug need replacing and you are competent to do this, proceed as instructed below. If you are in doubt, contact an authorized DEWALT repair agent or a qualified electrician.
- Disconnect the plug from the supply.
- Cut off the plug and dispose of it safely; a plug with bared copper conductors is dangerous if engaged in a live socket outlet.
- Only fit 13 Amperes BS1363A approved plugs fitted with the correctly rated fuse (1).
- The cable wire colours, or a letter, will be marked at the connection points of most good quality plugs. Attach the wires to their respective points in the plug (see below). Brown is for Live (L) (2) and Blue is for Neutral (N) (4).
- Before replacing the top cover of the mains plug ensure that the cable restraint (3) is holding the outer sheath of the cable firmly and that the two leads are correctly fixed at the terminal screws.




Never use a light socket.
Never connect the live (L) or neutral (N) wires to the earth pin marked E or ⏚.

For 115 V units with a power rating exceeding 1500 W, we recommend to fit a plug to BS4343 standard.

## Using an extension cable

If an extension cable is required, use an approved extension cable suitable for the power input of this machine (see technical data). The minimum conductor size is 1.5 mm².
When using a cable reel, always unwind the cable completely.
Also refer to the table below.

| Conductor size (mm²) | | Cable rating (Amperes) | | | | | |
|---|---|---|---|---|---|---|---|
| 0.75 | | 6 | | | | | |
| 1.00 | | 10 | | | | | |
| 1.50 | | 15 | | | | | |
| 2.50 | | 20 | | | | | |
| 4.00 | | 25 | | | | | |
| | | Cable length (m) | | | | | |
| | | 7.5 | 15 | 25 | 30 | 45 | 60 |
| Voltage | Amperes | Cable rating (Amperes) | | | | | |
| 230 | 0 - 2.0 | 6 | 6 | 6 | 6 | 6 | 6 |
| | 2.1 - 3.4 | 6 | 6 | 6 | 6 | 6 | 6 |
| | 3.5 - 5.0 | 6 | 6 | 6 | 6 | 10 | 15 |
| | 5.1 - 7.0 | 10 | 10 | 10 | 10 | 15 | 15 |
| | 7.1 - 12.0 | 15 | 15 | 15 | 15 | 20 | 20 |
| | 12.1 - 20.0 | 20 | 20 | 20 | 20 | 25 | - |

## Assembly

Prior to assembly always unplug the tool.

The motor and guards are already assembled onto the base.

*Dust extraction DE7777 (option) (fig. B)*

- Fit the hoses (34) to the nozzles (16) and (17).
- Connect the hoses to the 3-way connector (36) using the adaptors (35) and plug off the third hole.
- Whenever possible, connect a dust extraction device designed in accordance with the relevant regulations regarding dust emission.

*Fitting the fence insert (fig. A2 & C)*

Always use the fence insert for all cuts!

- Push the saw head down to pull out the lock down button (22) and raise the saw head (fig. A2).
- Insert the screws (37) and (38) and the washers (39) into the holes (40) as shown to mount the fence insert (8) (fig. C).

*Cable clamp (fig. D)*

- Insert the cable (41) into the cable clamp (42). Allow enough cable for the saw head travel.

*Bench mounting (fig. E)*

Your saw can be mounted on any flat and stable surface.
The recommended work height, however, is 700 to 750 mm.

- Insert the two coach bolts (43) into the two holes (21).
- Always mount your saw firmly to prevent movement.

*Mounting the saw blade (fig. A1 & F)*

The teeth of a new blade are very sharp and can be dangerous.

- Hold the outer flange (5) with the pin spanner (44).
- Using the 6 mm Allen key, loosen the blade bolt (6) by turning clockwise. Remove the blade bolt (6), its washer and the outer flange (5) (fig. A1).
- Press the combined lower guard and head lock up release lever (2) to raise the lower blade guard (7) and remove the saw blade (45).
- Install the new saw blade (45) onto the shoulder (46) provided on the inner flange (47) making sure that the teeth at the bottom edge of the blade are pointing towards the fence (away from the operator).
- Replace the outer flange (5), making sure that the location lugs (48) are engaged correctly, one on each side of the motor.
- Tighten the blade bolt (6) by turning counter-clockwise while holding the saw blade with the pin spanner.

## Adjustment

Prior to adjustment always unplug the tool.

Your Mitre Saw was accurately adjusted at the factory. If readjustment due to shipping and handling or any other reason is required, follow the steps below to adjust your saw. Once made, these adjustments should remain accurate.

*Adjusting the traverse bars for constant cutting depth (fig. A1, G1 & G2)*

The blade must run at a constant cutting depth along the full length of the table and must not touch the fixed table at the rear of the slot or at the front of the rotating arm. To achieve this, the traverse arms must be perfectly parallel to the table when the saw head is fully depressed.

- Press the combined lower guard and head lock up release lever (2) (fig. A1).
- Press the saw head fully to the rear position and measure the height from the rotating table (13) to the bottom of the outer flange (5) (fig. G1).
- Keeping the saw head fully depressed, pull the head to the end of its travel.
- Measure the height indicated in figure G1 again. Both values should be identical.

If adjustment is required, proceed as follows:

- Loosen the locknut (49) in the bracket (50) and adjust the screw (51) as required, proceeding in small steps (fig. G2).
- Tighten the locknut (49).

Always check that the blade does not touch the table at the rear of the slot or at the front of the rotating arm at 90° vertical and 45° bevel positions. Do not switch ON before having checked this!

*Checking and adjusting the blade to the fence (fig. A2 & H)*

- Loosen the mitre clamping knob (12) by turning counterclockwise (fig. H).
- Pull down the head and lock it in this position using the lock down button (22) (fig. A2).
- Lift the positive stop lever (11) and swing the head until the stop locates it at 0° mitre position. Tighten the clamping knob (12) (fig. H).
- Crosscut a piece of timber at least 100 mm wide and check the angle.

If the saw blade is not exactly at 90° to the fence:

- Release the clamping knob (12), slacken the locknut (52) and rotate the eccentric pin (53) to obtain the correct angle.
- Lock the mitre clamping knob (12).

*Checking and adjusting the blade to the table (fig. A2, J1 - J3)*

- Ensure that the head is locked in the 0° mitre position.
- Release the bevel clamp (19) by pushing it down (fig. A2).
- Press the saw head to the right to ensure it is fully vertical and tighten the bevel clamp (19).
- Place a set square (54) on the table and up against the blade (45) (fig. J1).

Do not touch the tips of the blade teeth with the square.

If adjustment is required, proceed as follows:

- Loosen the bevel clamp (19) (fig. A2).
- Release the locknut (55) and rotate the slotted screw to adjust as required (fig. J2).
- Check that the bevel indicator (56) indicates 0° on the bevel scale (20) (fig. J3).
- If not, loosen the two screws (57), move the scale (20) as required and tighten the two screws.

*Checking and adjusting the bevel angle (fig. A2, J2 & K)*

- Loosen the bevel clamp (19) (fig. A2).
- Move the saw head to the left, to its maximum bevel position.
- Check that the angle is exactly 45° using a protractor (fig. K).
- If adjustment is required, loosen the locknut (58) and turn the bevel adjustment screw (59) as required (fig. J2).

While performing this adjustment, it is advisable to take the weight of the saw head by holding it. This will make it easier to turn the adjustment screw.

## Instructions for use

- Always observe the safety instructions and applicable regulations. The attention of UK users is drawn to the "woodworking machines regulations 1974" and any subsequent amendments.
- Ensure the material to be sawn is firmly secured in place.
- Apply only a gentle pressure to the tool and do not exert side pressure on the saw blade.
- Avoid overloading.

Prior to operation:

- Install the appropriate saw blade. Do not use excessively worn blades. The maximum rotation speed of the tool must not exceed that of the saw blade.
- Do not attempt to cut excessively small pieces.
- Allow the blade to cut freely. Do not force.
- Allow the motor to reach full speed before cutting.
- Make sure all locking knobs and clamp handles are tight.

*Switching ON and OFF (fig. L)*

- To turn the saw ON, press the trigger switch (1) while squeezing the combined lower guard and head lock up release lever (2) as shown in fig. L.
- To turn the tool OFF, release the switch.
- There is no provision for locking the switch ON.

*Quality of cut*

The smoothness of any cut depends on a number of variables, e.g. the material being cut. When smoothest cuts are desired for moulding and other precision work, a sharp (60 tooth carbide) blade and a slower, even cutting rate will produce the desired results.

Ensure that the material does not creep while cutting; clamp it securely in place. Always let the blade come to a full stop before raising the arm. If small fibres of wood still split out at the rear of the workpiece, stick a piece of masking tape on the wood where the cut will be made. Saw through the tape and carefully remove tape when finished.

*Setting the mitre (fig. A1 & M)*

The mitre arm can be preset to 0°, 15°, 22.5°, 30° and 45° left and right. At the 30° position, there is a reversible insert (60) to give either 30° or 31.6°.

- Loosen the mitre clamping knob (12) and lift the positive stop lever (11) to release the mitre arm (fig. A1).
- Move the arm to the required angle and lock it using the mitre clamping knob (12).
- Align the mitre arm (13) by moving the edge of the arm to the required mark on the scale.
  - when moving to the right of 0°: align the left edge of the arm with the desired setting
  - when moving to the left of 0°: align the right edge of the arm with the desired setting

When mitre cutting, ensure that the off-cut is not wedged between the blade and the fence, i.e. the off-cut angle is greater than 90° to avoid that the off-cut is picked up by the blade.

*Setting the bevel (fig. A2)*

- Loosen the bevel clamp (19) and bevel the head to the left.
- Holding the head, lock the bevel clamp (19) securely.

*Vertical straight cross-cut (fig. A1 & N)*

- Loosen the mitre clamping knob (12) and lift the positive stop lever (11) upwards (fig. A1).
- Engage the mitre latch at the 0° position and tighten the mitre clamping knob.
- Place the wood to be cut against the fence.
- Take hold of the carrying handle (3) and press the head lock up release lever (2) to release the head. Press the trigger switch (1) to start the motor. It is recommended to start the cut near the fence (fig. N).
- Press the head down and allow the blade to cut though the workpiece. Allow the blade to cut freely. Do not force.
- When the head is fully depressed, slowly pull it across to complete the cut.
- After completing the cut, release the switch and the lock up release lever (2) and return the head to its upper rest position.

- For some types of plastic profiles, it is advisable to follow the sequence in reverse order.
- The lower blade guard is designed to close quickly when the lever (2) is released. If it does not close within 1 second, have the saw serviced by a DEWALT authorized repair agent.

*Vertical mitre cross-cut (fig. A1 & O)*

- Loosen the mitre clamping knob (12) and lift the positive stop lever (11) upwards (fig. A1).
- Move the head left or right to the required angle (fig. O).
- If any intermediate angle is required hold the head firmly and lock by tightening the mitre clamp knob.
- Always ensure that the mitre clamp knob is locked tightly before cutting.
- Proceed as for a vertical straight cross-cut.

When mitring the end of a piece of wood with a small off-cut, position the wood to ensure that the off-cut is to the side of the blade with the greater angle to the fence:
- left mitre, off-cut to the right
- right mitre, off-cut to the left.

*Bevel cross-cut (fig. A2 & P)*

Bevel angles can be set from 0° to 45° to the left. Bevels up to 45° can be cut with the mitre arm set between zero and a maximum of 45° mitre position right or left.

- Loosen the bevel clamp (19) and set the bevel as desired (fig. A2).
- Tighten the bevel clamp (19) firmly.
- Proceed as for a vertical straight cross-cut.

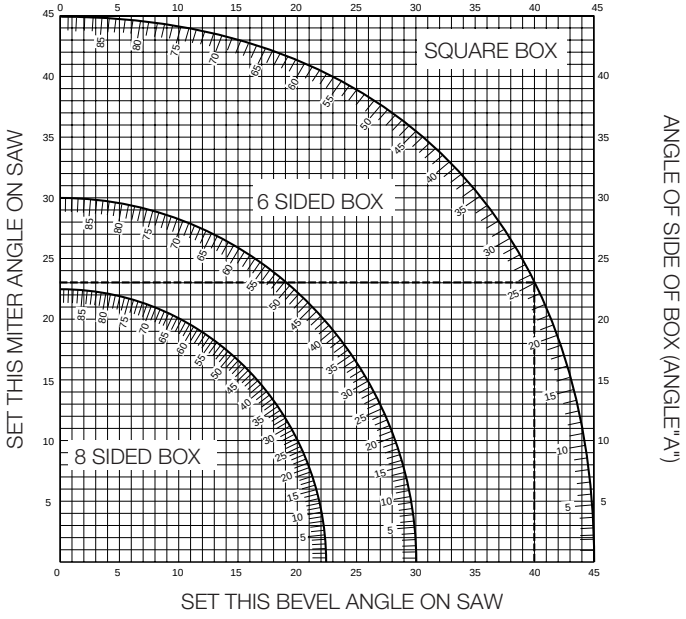
*Compound mitre (fig. Q1 & Q2)*

This cut is a combination of a mitre and a bevel cut.This is the type of cut used to make frames or boxes with slanting sides like the one shown in fig. Q1.

If the cutting angle varies from cut to cut, check that the bevel clamp and the mitre clamping knob are securely tightened. These must be tightened after making any changes in bevel or mitre.

- The chart shown below will assist you in selecting the proper bevel and mitre settings for common compound mitre cuts. To use the chart, select the desired angle "A" (fig. Q2) of your project and locate that angle on the appropriate arc in the chart. From that point follow the chart straight down to find the correct bevel angle and straight across to find the correct mitre angle.
- Set your saw to the prescribed angles and make a few trial cuts.
- Practice fitting the cut pieces together.
- Example: To make a 4 sided box with 30 exterior angles (angle "A", fig. Q2), use the upper right arc. Find 30 on the arc scale.

- Follow the horizontal intersecting line to either side to get the mitre angle setting on the saw (23°).
- Likewise follow the vertical intersecting line to the top or bottom to get the bevel angle setting on the saw (40°).
- Always try cuts on a few scrap pieces of wood to verify the settings on the saw.




***Cutting non-ferrous metals***

When cutting non-ferrous metals, the machine is only to be used to perform vertical straight and mitre cross-cuts in the mitre saw mode. We recommend that bevel and compound mitre cuts should not be performed in non-ferrous metals. The machine is not to be used for cutting ferrous metals.

- Always use a material clamp when cutting non-ferrous metals. Make sure that the workpiece is clamped securely.
- Only apply saw blades that are qualified for cutting non-ferrous metals.
- When using lubricants, only apply wax or separation spray. Do not use emulsions or similar fluids.
- Connect an FI or DI switch between machine and mains to avoid residual risks caused by metal swarf.

The FI switch should comply with the following specifications:

| | |
|---|---|
| rated voltage | 230 V |
| rated current | 16 A |
| reaction time | < 15 ms |
| fusing current | 30 mA |

The DI switch should comply with the following specifications:

| | |
|---|---|
| DIN VDE 0661 | |
| rated voltage | 230 V |
| rated current | 16 A |
| fusing current | 30 mA |
| all-pole cutoff | L+N+PE |
| PE monitoring | |
| low-voltage release | |

## Optional Accessories

***Dust extraction***

A dust extraction kit DE7777 consisting of 3 hoses, a 3-way connector, and the required fixing material is available for optimal dust extraction.

***Clamping the workpiece (fig. A3)***

Always use a material clamp when cutting non-ferrous metals.

- In most cases, the action of the blade is sufficient to hold the material firmly against the fence.
- If the material has a tendency to lift or come forward from the fence, preferably use the optional material clamp (28).

***Sawing short workpieces (fig. A3)***

It is advisable to use the length stop for short workpieces (32) both for batch sawing and for short individual workpieces of different lengths. The length stop can only be used in conjunction with a pair of optional guide rails (26).

***Sawing long workpieces (fig. A3)***

Always support long workpieces.

Figure A3 shows the ideal configuration for sawing long workpieces when the saw is used free-standing (all items available as an option). These items (except the legstand and the material clamp) are required both on the infeed and the outfeed side:

- Legstand (31) (supplied with mounting instructions).
- Guide rails (500 or 1,000 mm) (26).
- Stands (30) to support the guide rails. Do not use the stands to support the machine! The height of the stands is adjustable.
- Material support plates (27).
- Table end plate (25) for supporting the rails (also when working on an existing bench).
- Material clamp (28).
- Swivelling stop (29).

- Place your saw on the legstand and fit the guide rails.
- Firmly screw the material support plates (27) to the guide rails (26). The material clamp (28) now functions as a length stop.
- Install the table end plates (25).
- Install the swivelling stop (29) to the rear rail.
- Use the swivelling stop (29) to adjust the length of medium and long workpieces. It can be adjusted sideways or swung out of the way when not in use.

***Using the roller table (fig. A3 & A5)***

The roller table (33) makes the handling of large and long pieces of wood very easy (fig. A5). It can be connected either to the left or to the right of the machine. The roller table requires the use of the optional legstand (fig. A3).

Assemble the roller table following the instructions supplied with the legstand.

- Replace the short support bars provided with the legstand with the irregular rails from the table on the side the table is to be used.
- Follow all instructions provided with the roller table.

*Range of saw blades available (recommended blades)*

| Tungsten carbide tipped (TCT) | Application | Diameter | Teeth |
|---|---|---|---|
| Negative tooth rake | For wood, boards thick-walled plastic profiles | 216 | 24 |
| | For high-quality panels finer cut), thin-walled plastic profiles | 216 | 48 |
| Negative rake flat-topped teeth | For thin-walled plastic profiles (e.g. window blind slats, cable ducts) | 216 | 60 |

Consult your dealer for further information on the appropriate accessories.

## Transporting (fig. A1 & A2)

- To transport the saw, set the bevel and mitre positions to 0°.
- Press the combined lower guard and head lock up release lever (2).
- Press the head down and press the lock down button (22) (fig. A2).
- Bring the saw blade to rest position.
- Always use the carrying handle (3) to transport the saw.

## Maintenance

Your DEWALT Power Tool has been designed to operate over a long period of time with a minimum of maintenance. Continuous satisfactory operation depends upon proper tool care and regular cleaning.

*Lubrication*

Your Power Tool requires no additional lubrication.

*Cleaning*

Keep the ventilation slots clear and regularly clean the housing with a soft cloth.

## Unwanted tools and the environment

Take your tool to an authorized DEWALT repair agent where it will be disposed of in an environmentally safe way.

## GUARANTEE

**• 30 DAY NO RISK SATISFACTION GUARANTEE •**

If you are not completely satisfied with the performance of your DEWALT machine, simply return it within 30 days, complete as purchased, to a participating Dealer, or an authorized DEWALT repair agent, for a full refund or exchange. Proof of purchase must be produced.

**• ONE YEAR FREE SERVICE CONTRACT •**

If you need maintenance or service for your DEWALT machine, in the 12 months following purchase, it will be undertaken free of charge at an authorized DEWALT repair agent. Proof of purchase must be produced. Includes labour and spare parts for Power Tools. Excludes accessories.

**• ONE YEAR WARRANTY •**

If your DEWALT product becomes defective due to faulty materials or workmanship within 12 months from the date of purchase, we guarantee to replace all defective parts free of charge or, at our discretion, replace the unit free of charge provided that:

- The product has not been misused.
- Repairs have not been attempted by unauthorized persons.
- Proof of purchase date is produced.

This guarantee is offered as an extra benefit and is additional to consumers statutory rights.

For the location of your nearest authorized DEWALT repair agent, please use the appropriate telephone number on the back of this manual.

| | | |
|---|---|---|
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