BOSCH

Professional

GST 750

Robert Bosch Power Tools GmbH
70538 Stuttgart
GERMANY

www.bosch-pt.com

1 609 92A 8AG (2025.12) T / 19

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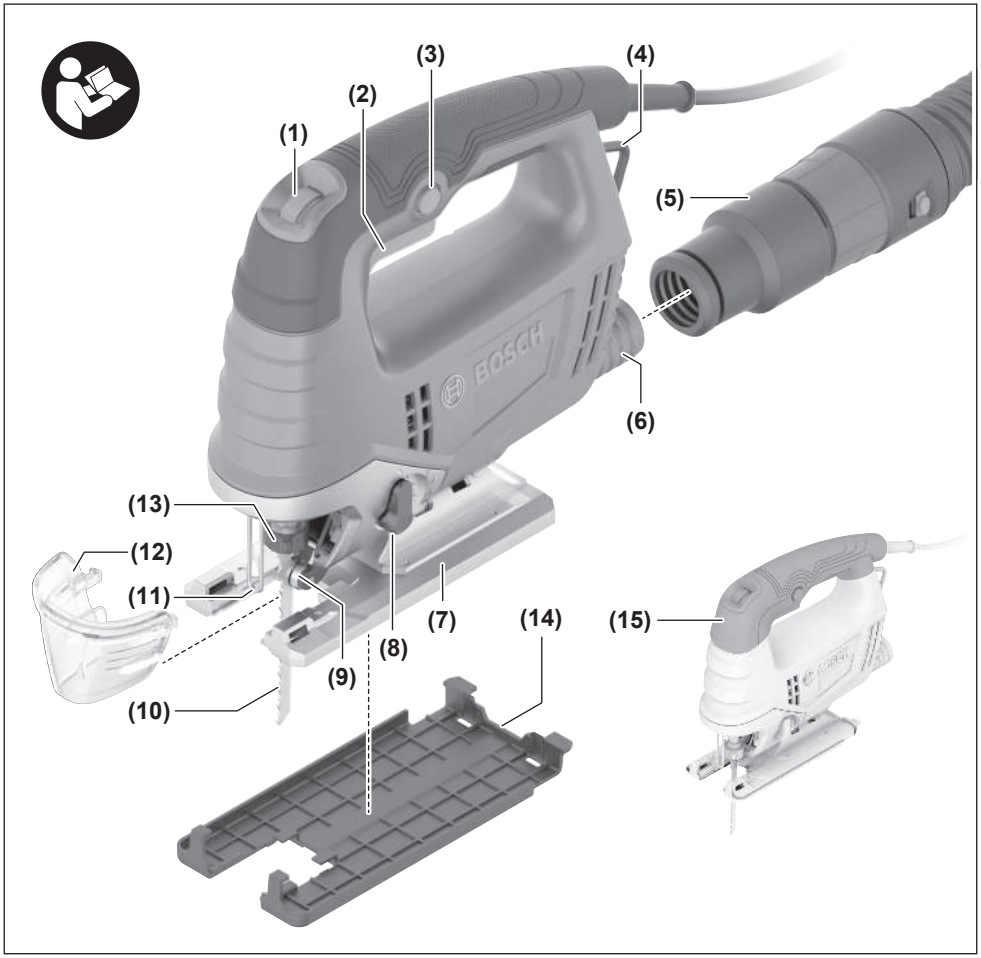
en Original instructions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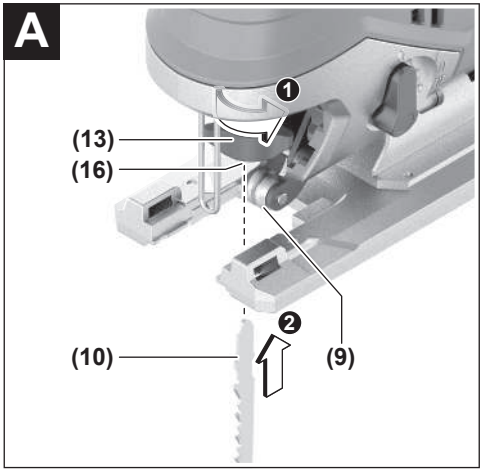
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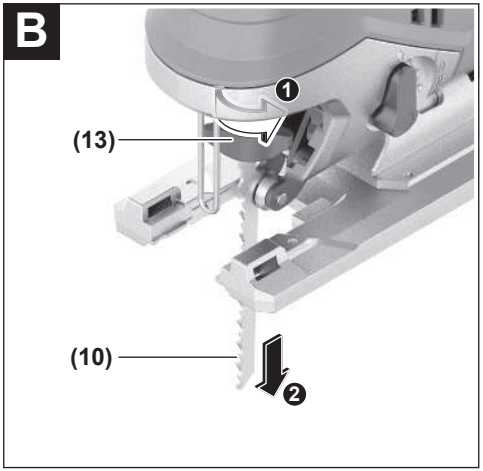
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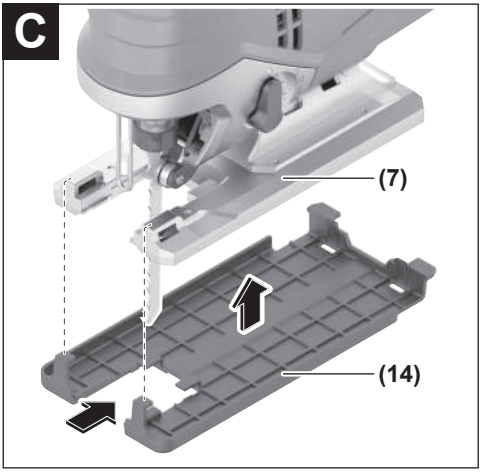

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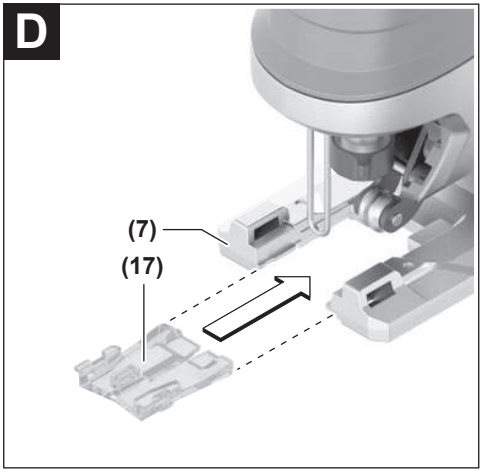

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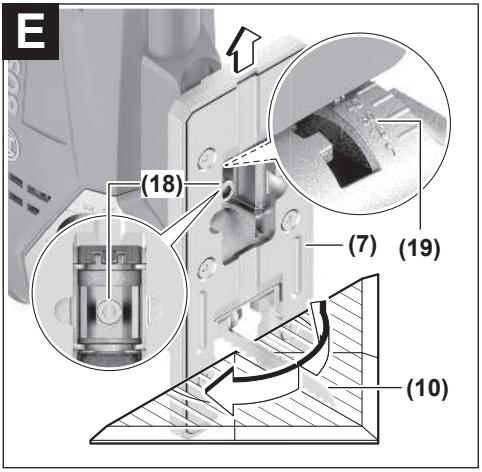

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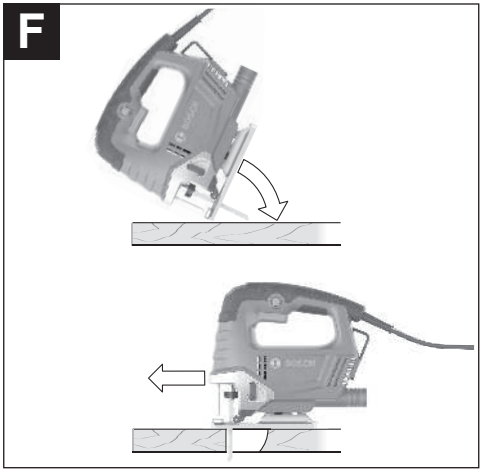

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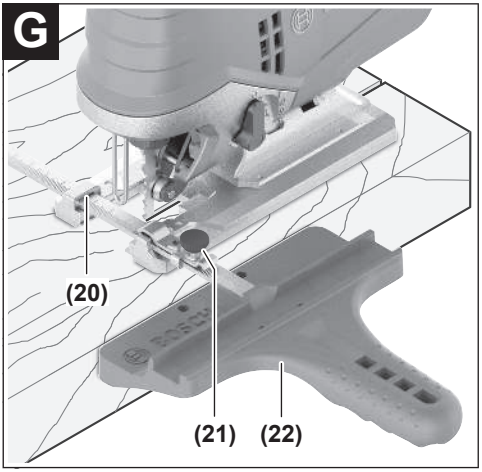

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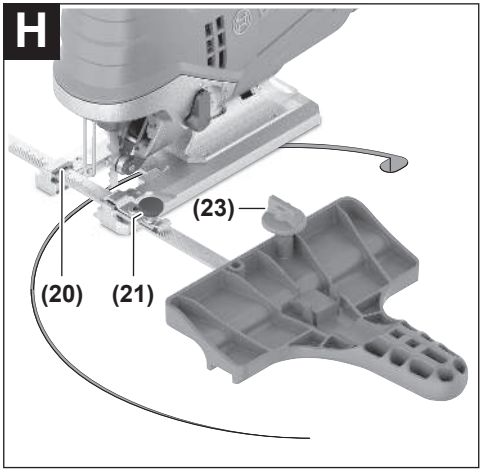


English

Safety Instructions

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.

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.

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.

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 a 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.
- **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.
- **Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.** A careless action can cause severe injury within a fraction of a second.

Power tool use and care

- **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.
- **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.
- **Disconnect the plug from the power source and/or remove the battery pack, if detachable, 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.
- **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.
- **Maintain power tools and accessories. 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.

- ▶ **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- ▶ **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.
- ▶ **Keep handles and grasping surfaces dry, clean and free from oil and grease.** Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.

Service

- ▶ **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.

Safety instructions for jigsaws

- ▶ **Hold the power tool by insulated gripping surfaces, when performing an operation where the cutting accessory may contact hidden wiring or its own cord.** Cutting accessory contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.
- ▶ **Use clamps or another practical way to secure and support the workpiece to a stable platform.** Holding the workpiece by hand or against your body leaves it unstable and may lead to loss of control.
- ▶ **Keep hands away from the sawing area. Do not reach under the workpiece.** Contact with the saw blade can lead to injuries.
- ▶ **Only bring the power tool into contact with the workpiece when switched on.** Otherwise there is danger of kickback if the cutting tool jams in the workpiece.
- ▶ **Ensure that the footplate always rests securely while sawing.** A jammed saw blade can break or lead to kickback.
- ▶ **When the cut is completed, switch off the power tool and then pull the saw blade out of the cut only after it has come to a standstill.** In this manner you can avoid kickback and can place down the power tool securely.
- ▶ **Always wait until the power tool has come to a complete stop before placing it down.** The application tool can jam and cause you to lose control of the power tool.
- ▶ **Use only undamaged saw blades that are in perfect condition.** Bent or dull saw blades can break, negatively influence the cut, or lead to kickback.
- ▶ **Do not brake the saw blade to a stop by applying side pressure after switching off.** The saw blade can be damaged, break or cause kickback.
- ▶ **Only use the power tool with the base plate.** If you do not use the base plate, you are at risk of not being able to control the power tool.
- ▶ **Use suitable detectors to determine if utility lines are hidden in the work area or call the local utility company for assistance.** Contact with electric lines can lead to fire and electric shock. Damaging a gas line can lead to explosion. Penetrating a water line causes property damage or may cause an electric shock.

Products sold in GB only:

Your product is fitted with an BS 1363/A approved electric plug with internal fuse (ASTA approved to BS 1362).

If the plug is not suitable for your socket outlets, it should be cut off and an appropriate plug fitted in its place by an authorised customer service agent. The replacement plug should have the same fuse rating as the original plug.

The severed plug must be disposed of to avoid a possible shock hazard and should never be inserted into a mains socket elsewhere.

Product Description and Specifications

Read all the safety and general instructions. Failure to observe the safety and general instructions may result in electric shock, fire and/or serious injury.

Please observe the illustrations at the beginning of this operating manual.

Intended Use

The power tool is intended for making separating cuts and cut-outs in wood, plastic, metal, ceramic plates, rubber and laminate/HPL (High Pressure Laminate) while resting firmly on the workpiece. It is suitable for straight and curved cuts with mitre/bevel angles of up to 45°. The saw blade recommendations are to be observed.

Product Features

The numbering of the product features refers to the diagram of the power tool on the graphics page.

(1) Stroke rate preselection thumbwheel
(2) On/off switch
(3) On/off switch locking mechanism
(4) Hex key
(5) Extraction hose[a)]
(6) Extraction outlet
(7) Base plate
(8) Orbital action adjusting lever
(9) Guide roller
(10) Saw blade[a)]
(11) Shock protection guard
(12) Hood for dust extraction
(13) SDS lever for saw blade release
(14) Glide shoe[a)]
(15) Handle (insulated gripping surface)
(16) Saw blade receptacle
(17) Anti-splinter guard[a)]

(18) Base plate screw

(19) Scale for mitre/bevel angles

(20) Guide for parallel guide

(21) Locking screw for parallel guide[a)]

(22) Parallel guide with circle cutter[a)]

(23) Circle cutter centring tip[a)]

a) **This accessory is not part of the standard scope of delivery.**

Technical Data

Jigsaw		GST 750
Article number		**3 601 EB4 1..**
Rated power input	W	520
No-load stroke rate n_0	min^{-1}	800–3200
Stroke	mm	20
Max. cutting depth		
– in wood	mm	75
– in aluminium	mm	15
– in steel (unalloyed)	mm	6
Max. cutting angle (left/right)	°	45
Weight[A)]	kg	2.2
Protection class		⧈/II

A) Without mains connection cable

The specifications apply to a rated voltage [U] of 230 V. These specifications may vary at different voltages and in country-specific models.

Values can vary depending on the product, scope of application and environmental conditions. To find out more, visit www.bosch-professional.com/wac.

Noise/Vibration Information

Noise emission values determined according to **EN 62841-2-11**.

Typically, the A-weighted noise level of the power tool is: Sound pressure level **88** dB(A); sound power level **96** dB(A). Uncertainty K = **5** dB.

Wear hearing protection!

Vibration values a_h (continuous vibrations), p_F (repeated shock vibrations) and uncertainty K determined according to **EN 62841-2-11**.

Cutting boards with saw blade **T 111 C**:
$a_{h,B}$ = **5.0** m/s^2 (K = **1.5** m/s^2), $p_{F,B}$ = **241** m/s^2 (K = **71** m/s^2)
Cutting sheet metal with saw blade **T 118 A**:
$a_{h,M}$ = **4.6** m/s^2 (K = **1.5** m/s^2), $p_{F,M}$ = **236** m/s^2 (K = **16** m/s^2)
The vibration level and noise emission value given in these instructions have been measured in accordance with a standardised measuring procedure and may be used to compare power tools. They may also be used for a preliminary estimation of vibration and noise emissions.

The stated vibration level and noise emission value represent the main applications of the power tool. However, if the power tool is used for other applications, with different accessories or is poorly maintained, the vibration level and noise emission value may differ. This may significantly increase the vibration and noise emissions over the total working period.

To estimate vibration and noise emissions accurately, the times when the tool is switched off or when it is running but not actually being used should also be taken into account. This may significantly reduce vibration and noise emissions over the total working period.

Implement additional safety measures to protect the operator from the effects of vibration, such as servicing the power tool and accessories, keeping their hands warm, and organising workflows correctly.

Assembly

▶ **Pull the plug out of the socket before carrying out any work on the power tool.**

Inserting/changing the saw blade

▶ **When fitting or changing the saw blade, wear protective gloves.** Blades are sharp and can become hot when used for prolonged periods of time.

Selecting the saw blade

You will find an overview of recommended saw blades at the end of these operating instructions. Only use saw blades with single lug shank (T shank). The saw blade should not be longer than required for the intended cut.

Use a narrow saw blade when sawing tight curves.

Inserting the saw blade (see figure A)

▶ **Clean the shaft on the saw blade before inserting it.** A dirty shaft cannot be securely fixed in place.

If necessary, remove the hood **(12)**.

Turn the SDS lever **(13)** as far as it will go in the direction of the arrow. Push the saw blade **(10)**, with the teeth in the cutting direction, into the saw blade receptacle **(16)** until it clicks into place.

Make sure when inserting the saw blade that the back of the saw blade is in the groove on the guide roller **(9)**.

▶ **Check that the saw blade is seated securely.** A loose saw blade can fall out and lead to injuries.

Removing the saw blade (see figure B)

Turn the SDS lever **(13)** as far as it will go in the direction of the arrow and remove the saw blade **(10)**.

Glide shoe (see figure C)

When machining sensitive surfaces, you can place the glide shoe **(14)** on the base plate **(7)** in order to prevent the surface from being scratched.

To position the glide shoe **(14)**, hook it to the front of the base plate **(7)**, push it up at the back and allow it to click into place.

Anti-splinter guard (see figure D)

The anti-splinter guard **(17)** can prevent splintering of the surface while sawing wood. The anti-splinter guard can only

be used with certain saw blade types and only at a cutting angle of 0°.

Slide the anti-splinter guard **(17)** into the base plate **(7)** from the front.

Dust/Chip Extraction

Do not perform work without taking dust-reducing measures. Using a suitable dust extraction attachment will reduce exposure to harmful dust. Provide good ventilation at the workplace. Always use suitable breathing protection. Use a dust extraction system that is suitable for the material wherever possible. The regulations on the materials being machined that apply in the country of use must be observed.

- ▶ **Avoid dust accumulation at the workplace.** Dust can easily ignite.

Requirements for the Dust Extractor		
Recommended hose nominal diameter	mm	**35**
Required vacuum pressure[A)]	mbar hPa	≥ **230** ≥ **230**
Required flow rate[A)]	l/s m^3/h	≥ **36** ≥ **129.6**
Recommended filter efficiency		Dust class M[B)]

A) Power value at the power tool's dust extractor connection

B) According to IEC/EN 60335-2-69

Refer to the dust extractor's instructions. If there is reduced suction power, stop working and eliminate the cause.

Hood

Fit the hood **(12)** before you connect the power tool to the dust extraction system.

Position the hood **(12)** on the power tool so that the brackets click into place in the recesses on the housing.

Remove the hood **(12)** when working without a dust extraction system and for mitre cuts. To do this, push the hood together at the level of the outer brackets and remove it by pulling it forwards.

Connecting the dust extraction system

Connect a dust extraction hose **(5)** to the extraction outlet **(6)**. Connect the dust extraction hose **(5)** to a dust extractor (accessory).

You will find an overview of connecting to various dust extractors at the end of these operating instructions.

For optimum dust extraction, where possible use the anti-splinter guard **(17)**.

The dust extractor must be suitable for the material being worked.

When extracting dry dust that is especially detrimental to health or carcinogenic, use a special dust extractor.

Operation

- ▶ **Products that are only sold in AUS and NZ:** Use a residual current device (RCD) with a nominal residual current of 30 mA or less.

Operating modes

- ▶ **Pull the plug out of the socket before carrying out any work on the power tool.**

Pendulum action settings

The pendulum action can be adjusted using four different settings, allowing the cutting speed, cutting capacity and the cut itself to be optimally adapted to the material that you want to cut.

You can also adjust the pendulum action during operation using the adjusting lever **(8)**.

Level 0	No pendulum action
Level I	Low pendulum action
Level II	Moderate pendulum action
Level III	High pendulum action

The optimum pendulum level for each application can be determined by a practical test. Note the following recommendations:

- – Select a lower pendulum level or switch off the pendulum action completely if you wish to produce a finer or cleaner cutting edge.
- – Switch off the pendulum action when machining thin materials (e.g. sheets).
- – Work on hard materials (e.g. steel) with low pendulum action.
- – You can work on soft materials and saw wood using maximum pendulum action.

Adjusting the mitre/bevel angle (see figure E)

The base plate **(7)** can be swivelled to the right or left to make mitre cuts up to 45°.

The anti-splinter guard **(17)** cannot be used while mitre cuts are being made.

- – Remove the hood **(12)**, the anti-splinter guard **(17)** and the glide shoe **(14)**.
- – Loosen the screw **(18)** and push the base plate **(7)** slightly towards the saw blade **(10)**.
- – The base plate has lock-in points at 0° and 45° on the left and right so that precise mitre/bevel angles can be set. Swivel the base plate **(7)** to the required position according to the scale **(19)**. Other mitre/bevel angles can be adjusted using a protractor.
- – Then slide the base plate **(7)** all the way towards the mains cable.
- – Retighten the screw **(18)**.

Starting Operation

- ▶ **Pay attention to the mains voltage.** The voltage of the power source must match the voltage specified on the rating plate of the power tool.

Switching on/off

- ▶ **Make sure that you are able to press the On/Off switch without releasing the handle.**

To **switch on** the power tool, press the on/off switch **(2)**.

To **lock** the on/off switch **(2)**, press and hold it while also pressing the locking mechanism **(3)**.

To **switch off** the power tool, release the on/off switch **(2)**. If the on/off switch **(2)** is locked, press the switch first and then release it.

Restart protection

The restart protection feature prevents the power tool from uncontrolled starting after the power supply to it has been interrupted.

To restart the tool, set the on/off switch **(2)** to the off position and then switch the power tool on again.

Preselect the stroke rate

You can preselect the stroke rate and change it during operation using the stroke rate preselection thumbwheel **(1)**.

The required stroke rate depends on the material and the working conditions and can be ascertained through practical tests.

A reduction in the stroke rate is recommended:
- When positioning the saw blade on the workpiece in order to be able to position the saw blade more precisely,
- When sawing plastic and aluminium to prevent the material from melting.

During prolonged periods of use at a low stroke rate, the power tool may heat up significantly. Remove the saw blade and let the power tool run at the maximum stroke rate for around three minutes to cool down.

Working Advice

- ▶ **Pull the plug out of the socket before carrying out any work on the power tool.**
- ▶ **Switch the power tool off immediately if the saw blade becomes blocked.**
- ▶ **When machining small or thin workpieces, always use a stable base or saw table (accessory).**

Before sawing into wood, chipboard, building materials, etc., check for and remove any foreign objects such as nails, screws, etc.

Jigsaws are primarily designed for curved cuts. The range of products from **Bosch** also includes accessories which enable straight cuts or circular cuts (depending on the jigsaw model, e.g. parallel guide, guide rail or circle cutter).

Hand-held jigsaws generally tend to go off at an angle, i.e. under certain circumstances the angle and cutting accuracy can no longer be ensured. Decisive influencing factors on the accuracy are the saw blade thickness, cutting length and the material thickness and strength of the workpiece.

Therefore, always check using test cuts whether the cutting result of the selected system meets the requirements of your application.

Plunge cutting (see figure F)

- ▶ **Plunge cuts may only be applied to soft materials, such as wood, gypsum board, etc.**

For plunge cutting, use only short saw blades. Plunge cutting is possible only with a mitre angle of 0°.

Place the power tool so that the front edge of the base plate **(7)** rests on the workpiece, without the saw blade **(10)** touching the workpiece, and switch it on. On power tools with stroke rate control, select the maximum stroke rate. Press the power tool firmly against the workpiece and allow the saw blade to plunge slowly into the workpiece.

As soon as the base plate **(7)** rests fully on the workpiece, continue sawing along the required cutting line.

Parallel guide with circle cutter

When working with the parallel guide with circle cutter **(22)**, the workpiece must be no more than 30 mm thick.

Parallel cuts (see figure **G**): Loosen the locking screw **(21)** and slide the scale on the parallel guide through the guide **(20)** in the base plate. Adjust the desired cutting width as a scale value on the inside edge of the base plate. Retighten the locking screw **(21)**.

Circular cuts (see figure **H**): Drill a hole large enough to push the saw blade through on the cutting line within the circle to be cut. Machine the drill hole with a router or file so that the saw blade can lie flush with the cutting line.

Position the locking screw **(21)** on the other side of the parallel guide. Slide the scale on the parallel guide through the guide **(20)** into the base plate. Drill a hole in the workpiece in the middle of the section to be cut out. Insert the centring tip **(23)** through the inner opening of the parallel guide and into the drilled hole. Adjust the radius as a scale value on the inside edge of the base plate. Retighten the locking screw **(21)**.

Coolant/lubricant

As the material heats up along the cutting line when cutting metal, you should apply coolant or lubricant.

Maintenance and Service

Maintenance and Cleaning

- ▶ **Pull the plug out of the socket before carrying out any work on the power tool.**
- ▶ **To ensure safe and efficient operation, always keep the power tool and the ventilation slots clean.**

In order to avoid safety hazards, if the power supply cord needs to be replaced, this must be done by **Bosch** or by an after-sales service centre that is authorised to repair **Bosch** power tools.

Clean the saw blade receptacle regularly. For this, remove the saw blade from the power tool and lightly tap out the power tool on a level surface.

If the power tool becomes very dirty, this can lead to serious faults. For this reason, do not cut materials which generate large quantities of dust from below or overhead.

- ▶ **In extreme conditions, always use a dust extractor if possible. Blow out ventilation slots frequently and install a residual current device (RCD) upstream.** When machining metals, conductive dust can settle inside the power tool, which can affect its protective insulation.

If the dust outlet becomes blocked, switch off the power tool, disconnect the dust extraction system and remove the dust and chips.

Apply a drop of oil to the guide roller **(9)** from time to time.

Check the guide roller **(9)** regularly. If worn, it must be replaced through an authorised **Bosch** after-sales service centre.

After-Sales Service and Application Service

Australia
Phone: (01300) 307044

Great Britain
Tel. Service: (0344) 7360109

GB Importer:
Robert Bosch Ltd.
Broadwater Park
North Orbital Road
Uxbridge
UB9 5HJ

India
Phone: (044) 64561816

Israel
Tel. 03-9630050

Korea
Tel.: 080-955-0909 (Hotline)

Malaysia
Tel.: (03) 79663194

In all correspondence and spare parts orders, please always include the 10-digit article number given on the nameplate of the product.

Disposal

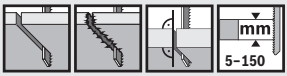
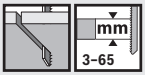
The power tool, accessories and packaging should be recycled in an environmentally friendly manner.

Do not dispose of power tools along with household waste.

Only for EU countries and United Kingdom:

Electrical and electronic equipment that is no longer suitable for use must be collected separately and disposed of in an environmentally friendly manner. Use the designated collection systems.Incorrect disposal may cause harmful effects on the environment and human health, due to the potential presence of hazardous substances.

for wood

speed for Wood	T 144 D, ...	
precision for Wood	T 308 BP, ...	
progressor for Wood	T 234 X, ...	
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extra-clean for Wood	T 308 B, ...	

for hardwood

speed HardWood	T 144 DF, ...	
precision HardWood	T 308 BFP, ...	
clean HardWood	T 101 AOF, ...	
extra-clean HardWood	T 308 BF, ...	
special Laminate	T 101 AOF, ...	

for wood and metal

progressor Wood+Metal	T 345 XF, ...	

for metal

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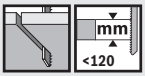
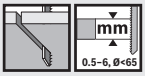
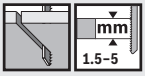
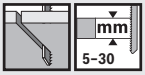
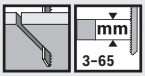
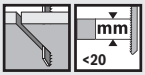
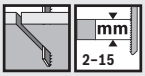
flexible for MetalSandwich	T 718 BF, ...	
speed for Metal	T 121 GF, ...	
precision for MetalSandwich	T 1018 AFP, ...	
progressor for Metal	T 123 XF, ...	
special for Alu	T 127 D, ...	
endurance for StainlessSteel	T 118 AHM, ...	

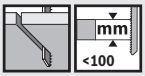
for plastics

clean for PP	T 102 D, ...	
clean for PVC	T 102 H, ...	
precision for PVC	T 1044 HP, ...	
clean for PMMA	T 102 BF, ...	
clean for PC	T 101 A, ...	
clean for CarbonFiber	T 108 BHM, ...	
clean for HPL	T 128 BHM, ...	
clean for PlasticComposites	T 301 CHM, ...	

for special materials

precision SoftMaterial **T 1013 AWP, ...**

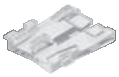
special SoftMaterial **T 113 A, ...**



special Ceramic **T 130 RF, ...**

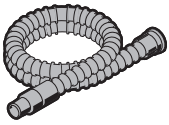
endurance FiberPlaster **T 141 HM, ...**

1 619 P16 710



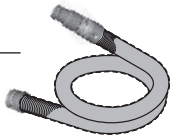
2 601 016 096

2 608 040 289



Ø 28 mm:
2 608 000 772 (3.2 m)

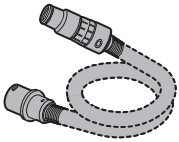
GAS 18V-12 MC



Ø 28 mm:
2 608 000 885 (4 m)

GAS 12-40 MA

GAS 35 M AFC



Ø 22 mm:
2 608 000 567 (5 m)
Ø 35 mm:
2 608 000 565 (5 m)

GAS 55 M AFC

Ø 22 mm:
2 608 000 568 (5 m)
Ø 35 mm:
2 608 000 566 (5 m)

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