

Makita Jigsaw 4350CT

Jigsaws are used in many applications to vertically cut various materials including wood, metal, plastics, foam, rubber and much more. Featuring effortless, tool-less blade changing, variable electronic speed control and a rubberized handle, this is the perfect machine to hire for long and straight cuts in materials.

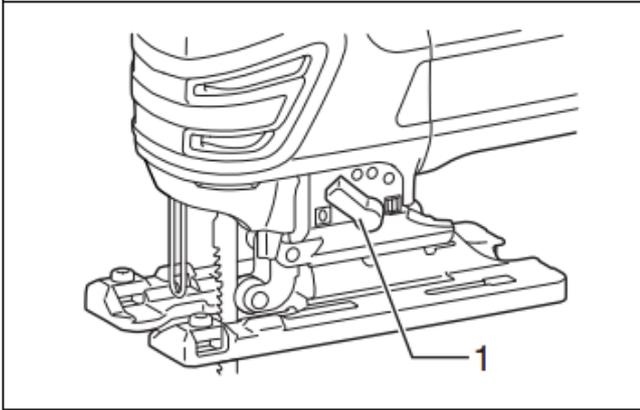


User Benefits

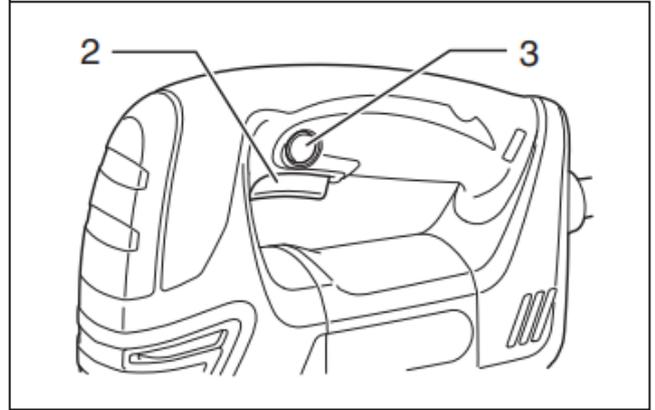
- ◆ Quick release tool-less blade change
- ◆ Sturdy adjustable base for accurate cutting
- ◆ Variable electronic speed control
- ◆ Ergonomic rubberized handle
- ◆ Built in LED job light

Machine Specifications

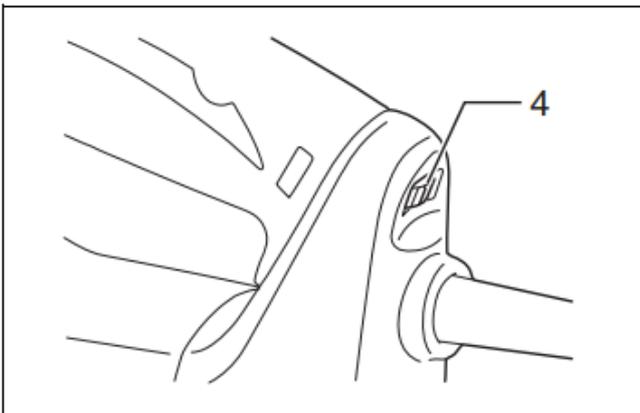
Capacities	Steel	10 mm
	Aluminium	20 mm
	Wood	135 mm
Length of stroke		26 mm
Strokes per minute		2800 min-1
Overall Length		236 mm
Voltage		110 V
Sound Pressure Level (LpA)		84 dB(A)
Sound Power Level (Lwa)		95 dB(A)
Vibration Emission (Cutting Boards)		7.5 m/s ²
Vibration Emission (Cutting Wooden Beams)		4.5 m/s ²
Weight		2.7 kg



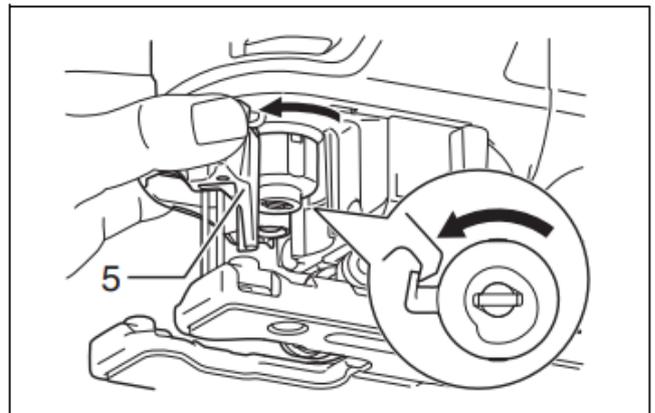
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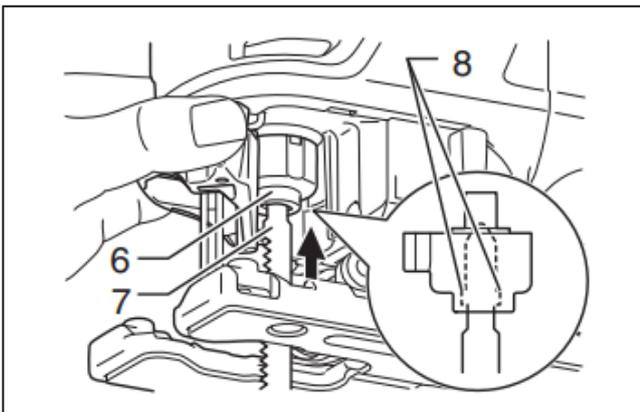
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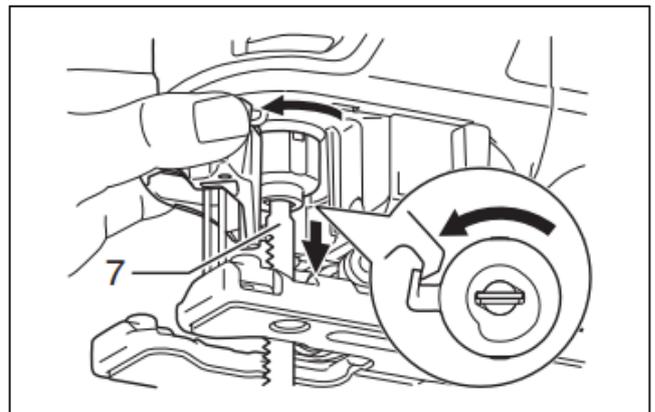
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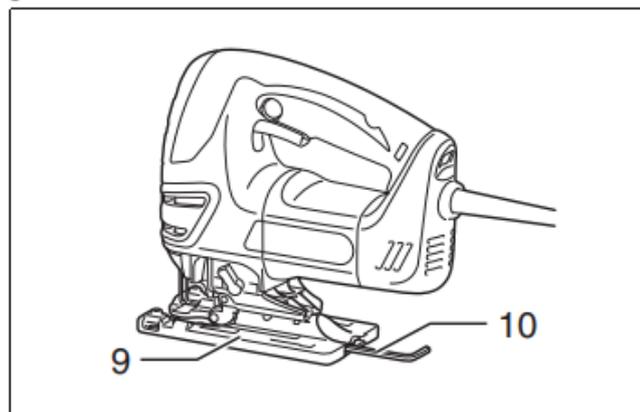
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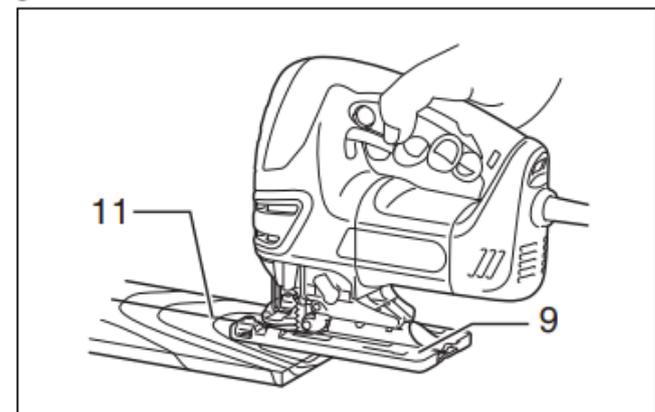
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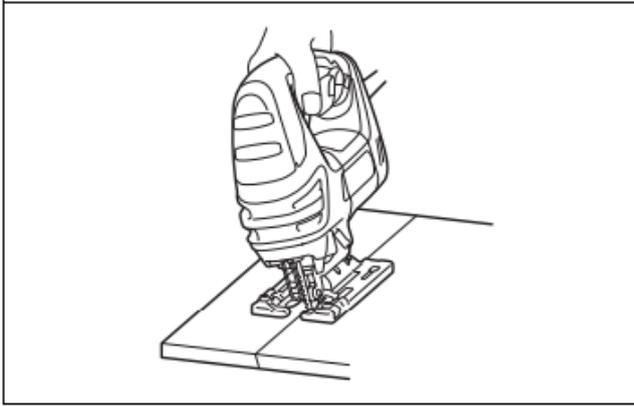
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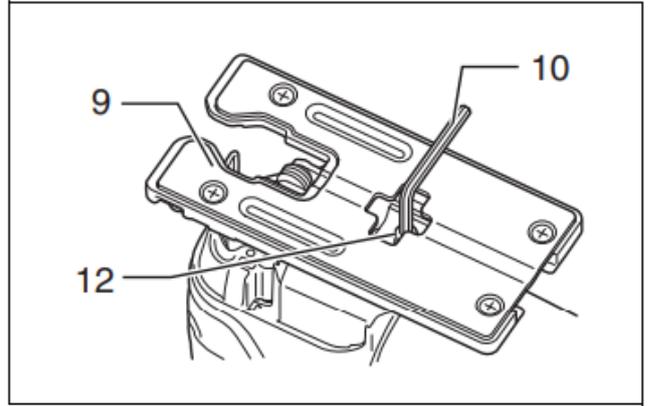
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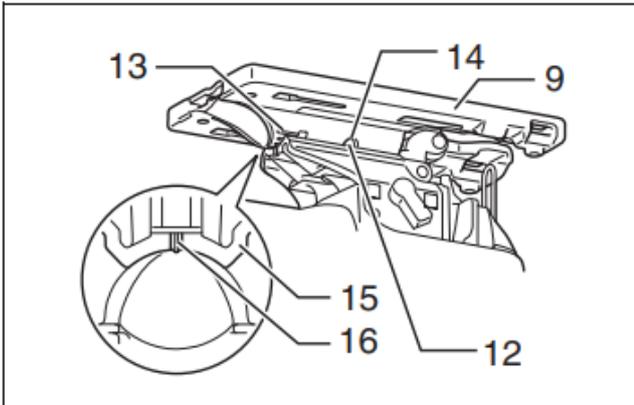
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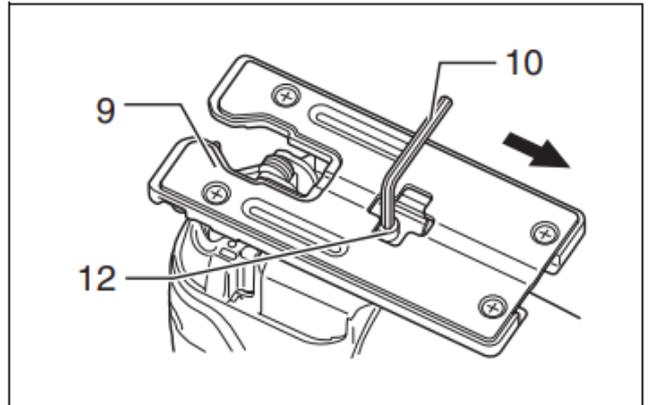
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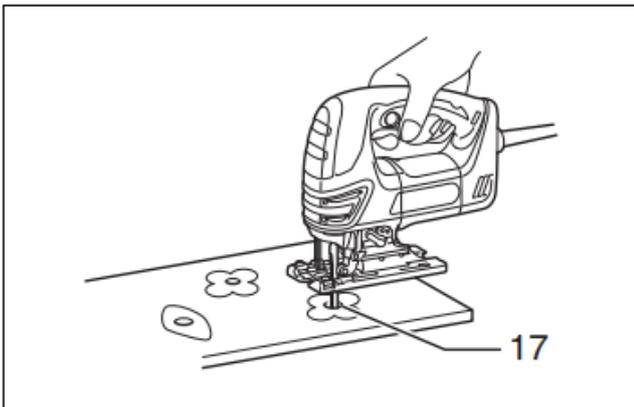
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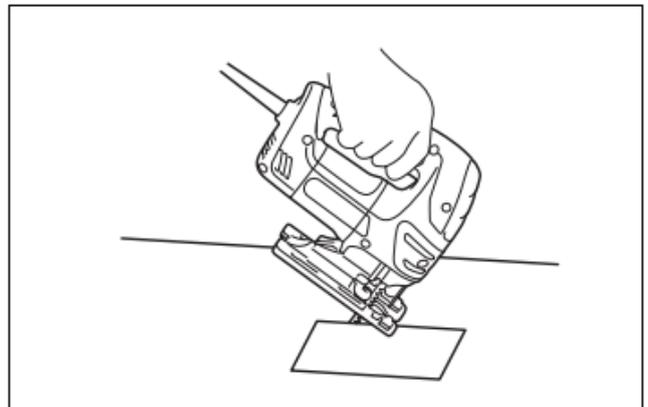
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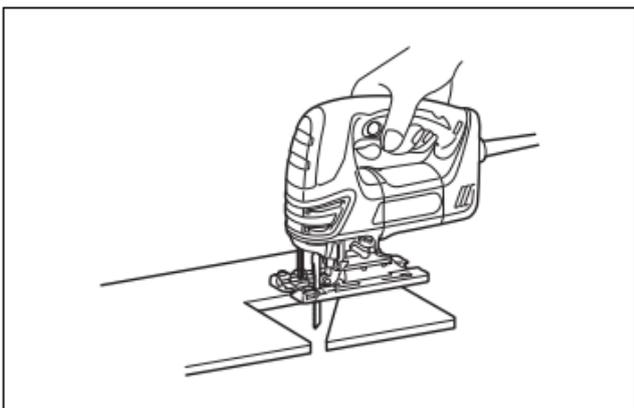
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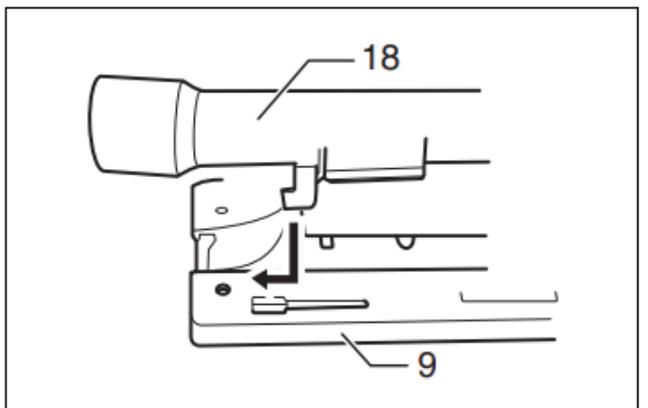
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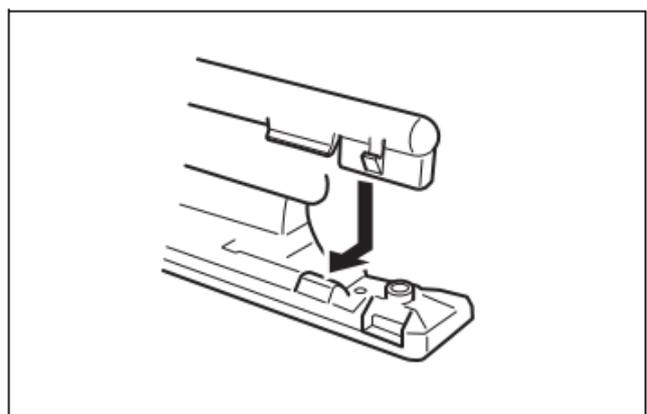
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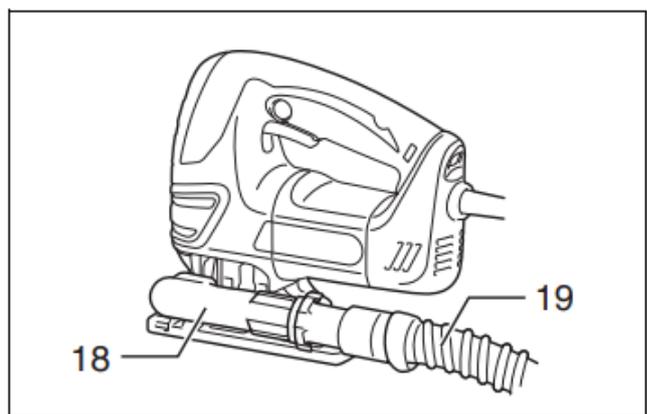
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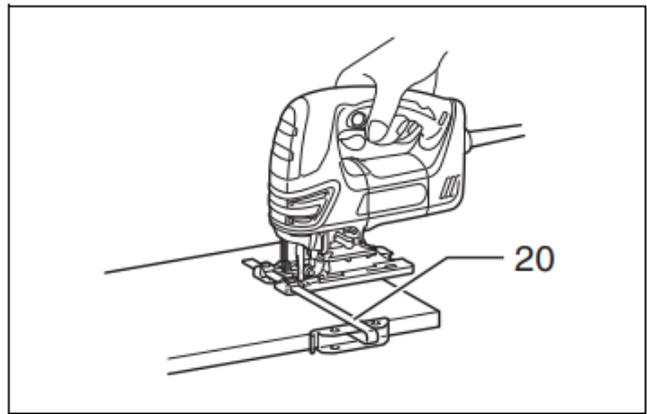
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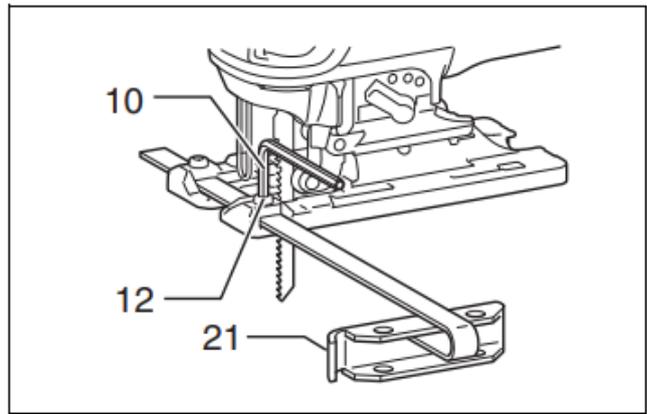
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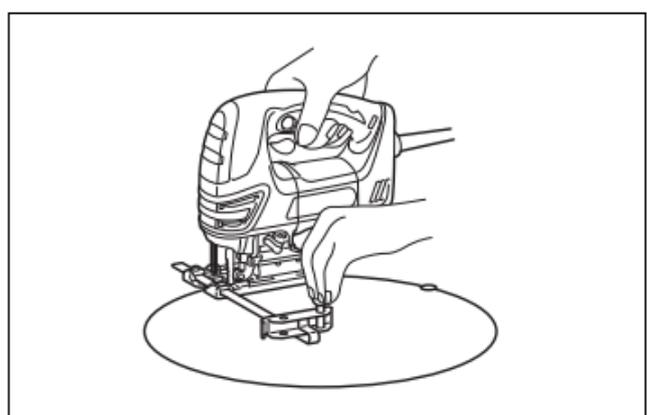
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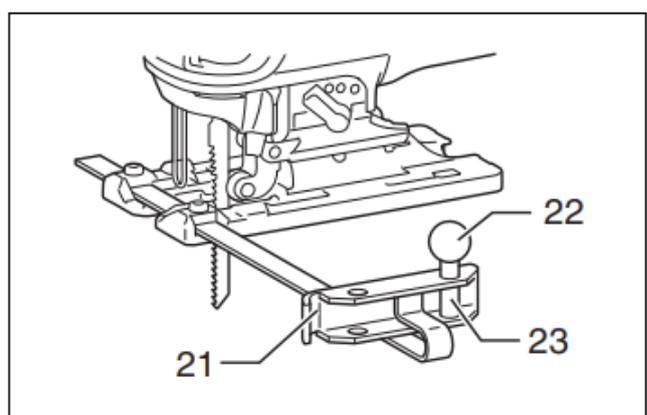
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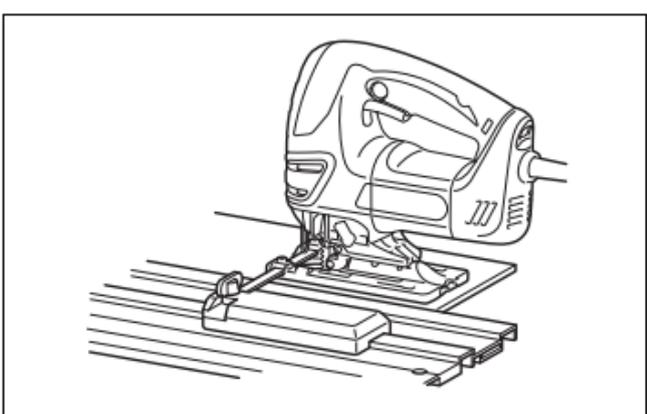
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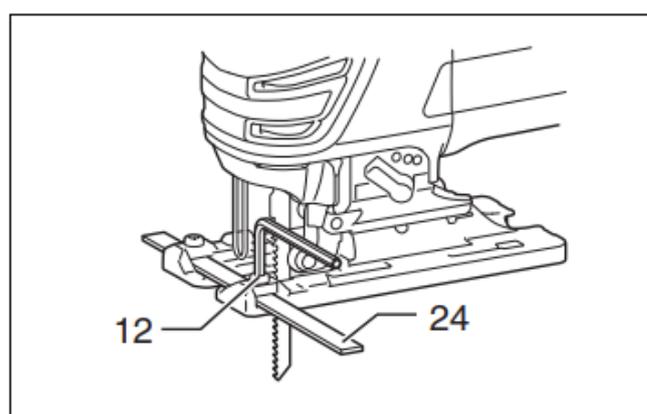
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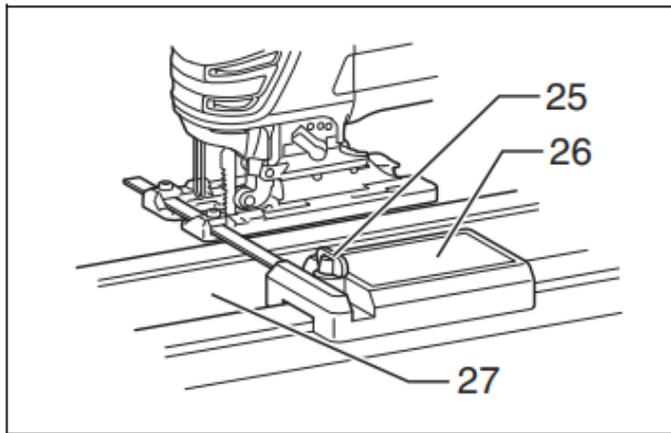
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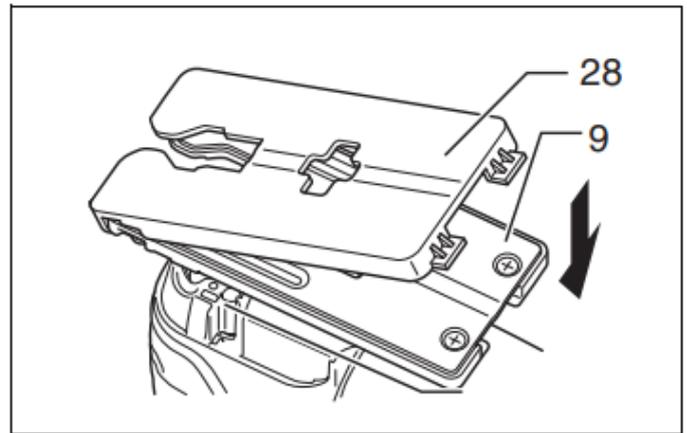


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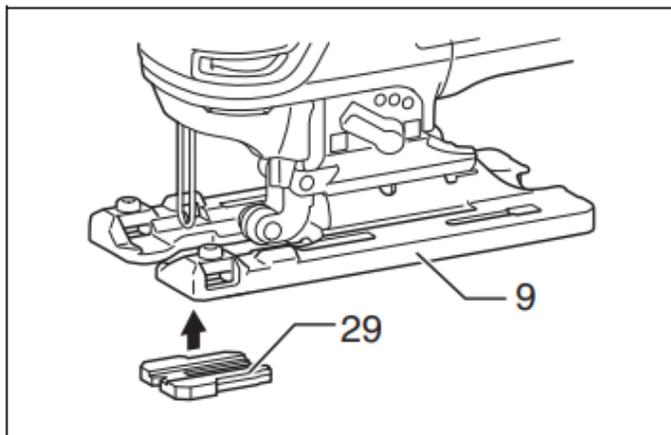
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ENGLISH (Original instructions)

Explanation of general view

- | | | |
|---------------------------------|----------------------------|----------------------------|
| 1 Cutting action changing lever | 11 Cutting line | 21 Fence guide |
| 2 Switch trigger | 12 Bolt | 22 Threaded knob |
| 3 Lock button | 13 Graduation | 23 Circular guide pin |
| 4 Speed adjusting dial | 14 Bevel slot | 24 Rule bar |
| 5 Tool opener | 15 Gear housing | 25 Screw |
| 6 Blade clamp | 16 V-notch | 26 Guide rail adapter |
| 7 Jig saw blade | 17 Starting hole | 27 Guide rail |
| 8 Protrusions | 18 Dust nozzle | 28 Cover plate |
| 9 Base | 19 Hose for vacuum cleaner | 29 Anti-splintering device |
| 10 Hex wrench | 20 Rip fence | |

Intended use

The tool is intended for the sawing of wood, plastic and metal materials. As a result of the extensive accessory and saw blade program, the tool can be used for many purposes and is very well suited for curved or circular cuts.

ENF002-2

Power supply

The tool should be connected only to a power supply of the same voltage as indicated on the nameplate, and can only be operated on single-phase AC supply. They are double-insulated and can, therefore, also be used from sockets without earth wire.

GEA010-2

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.

JIG SAW SAFETY WARNINGS

1. **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.
2. **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.
3. **Always use safety glasses or goggles. Ordinary eye or sun glasses are NOT safety glasses.**
4. **Avoid cutting nails. Inspect workpiece for any nails and remove them before operation.**
5. **Do not cut oversize workpiece.**
6. **Check for the proper clearance beyond the workpiece before cutting so that the blade will not strike the floor, workbench, etc.**
7. **Hold the tool firmly.**
8. **Make sure the blade is not contacting the workpiece before the switch is turned on.**
9. **Keep hands away from moving parts.**
10. **Do not leave the tool running. Operate the tool only when hand-held.**
11. **Always switch off and wait for the blade to come to a complete stop before removing the blade from the workpiece.**
12. **Do not touch the blade or the workpiece immediately after operation; they may be extremely hot and could burn your skin.**
13. **Do not operate the tool at no-load unnecessarily.**
14. **Some material contains chemicals which may be toxic. Take caution to prevent dust inhalation and skin contact. Follow material supplier safety data.**

15. Always use the correct dust mask/respirator for the material and application you are working with.



WARNING:

DO NOT let comfort or familiarity with product (gained from repeated use) replace strict adherence to safety rules for the subject product. MISUSE or failure to follow the safety rules stated in this instruction manual may cause serious personal injury.

SAVE THESE INSTRUCTIONS.

FUNCTIONAL DESCRIPTION

CAUTION:

- Always be sure that the tool is switched off and unplugged before adjusting or checking function on the tool.

Selecting the cutting action (Fig. 1)

This tool can be operated with an orbital or a straight line (up and down) cutting action. The orbital cutting action thrusts the blade forward on the cutting stroke and greatly increases cutting speed.

To change the cutting action, just turn the cutting action changing lever to the desired cutting action position.

Refer to the table to select the appropriate cutting action.

Position	Cutting action	Applications
0	Straight line cutting action	For cutting mild steel, stainless steel and plastics. For clean cuts in wood and plywood.
I	Small orbit cutting action	For cutting mild steel, aluminum and hard wood.
II	Medium orbit cutting action	For cutting wood and plywood. For fast cutting in aluminum and mild steel.
III	Large orbit cutting action	For fast cutting in wood and plywood.

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Switch action (Fig. 2)

CAUTION:

- Before plugging in the tool, always check to see that the switch trigger actuates properly and returns to the "OFF" position when released.

To start the tool, simply pull the switch trigger. Release the switch trigger to stop.

For continuous operation, pull the switch trigger and then push in the lock button.

To stop the tool from the locked position, pull the switch trigger fully, then release it.

Workpiece to be cut	Number on adjusting dial
Wood	4 – 5
Mild steel	3 – 5
Stainless steel	3 – 4
Aluminum	3 – 5
Plastics	1 – 4

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Speed adjusting dial (Fig. 3)

For 4350CT, 4350FCT

The tool speed can be infinitely adjusted between 800 and 2,800 strokes per minute by turning the adjusting dial. Higher speed is obtained when the dial is turned in the direction of number 5; lower speed is obtained when it is turned in the direction of number 1.

Refer to the table to select the proper speed for the workpiece to be cut. However, the appropriate speed may differ with the type or thickness of the workpiece. In general, higher speeds will allow you to cut workpieces faster but the service life of the blade will be reduced.

CAUTION:

- The speed adjusting dial can be turned only as far as 5 and back to 1. Do not force it past 5 or 1, or the speed adjusting function may no longer work.

The tools equipped with electronic function are easy to operate because of the following features.

Constant speed control

Electronic speed control for obtaining constant speed. Possible to get fine finish, because the rotating speed is kept constant even under load condition.

Soft start feature

Safety and soft start because of suppressed starting shock.

Dust extraction

The dust nozzle (accessory) is recommended to perform clean cutting operations.

To attach the dust nozzle on the tool, insert the hook of dust nozzle into the hole in the base. (Fig. 16 & 17)

The dust nozzle can be installed on either left or right side of the base.

Then connect a Makita vacuum cleaner to the dust nozzle. (Fig. 18)

CAUTION:

- If you try to remove the dust nozzle forcibly, the hook of the dust nozzle can be diminished and removed unintentionally during operation.

Rip fence set (optional accessory)

CAUTION:

- Always be sure that the tool is switched off and unplugged before installing or removing accessories.

1. Straight cuts (Fig. 19 & 20)

When repeatedly cutting widths of 160 mm or less, use of the rip fence will assure fast, clean, straight cuts. To install, insert the rip fence into the rectangular hole on the side of the tool base with the fence guide facing down. Slide the rip fence to the desired cutting width position, then tighten the bolt to secure it.

2. Circular cuts (Fig. 21 & 22)

When cutting circles or arcs of 170 mm or less in radius, install the rip fence as follows.

Insert the rip fence into the rectangular hole on the side of the base with the fence guide facing up. Insert the circular guide pin through either of the two holes on the fence guide. Screw the threaded knob onto the pin to secure the pin.

Now slide the rip fence to the desired cutting radius, and tighten the bolt to secure it in place. Then move the base all the way forward.

NOTE:

- Always use blades No. B-17, B-18, B-26 or B-27 when cutting circles or arcs.

Guide rail adapter set (accessory)

When cutting parallel and uniform width or cutting straight, the use of the guide rail and the guide rail adapter will assure the production of fast and clean cuts. (Fig. 23)

To install the guide rail adapter, insert the guide base into the rail of the guide rail. Insert the rule bar into the square hole of the guide rail adapter. Put the base to the side of the guide rail, and secure the bolt securely. (Fig. 25)

CAUTION:

- Always use blades No. B-8, B-13, B-16, B-17 or 58 when using the guide rail and the guide rail adapter.

Cover plate (Fig. 26)

Use the cover plate when cutting decorative veneers, plastics, etc. It protects sensitive or delicate surfaces from damage. Fit it on the back of the tool base.

Anti-splintering device (Fig. 27)

For splinter-free cuts, the anti-splintering device can be used. To install the anti-splintering device, move the tool base all the way forward and fit it from the back of tool base. When you use the cover plate, install the anti-splintering device onto the cover plate.

CAUTION:

- The anti-splintering device cannot be used when making bevel cuts.

MAINTENANCE

CAUTION:

- Always be sure that the tool is switched off and unplugged before attempting to perform inspection or maintenance.
- Never use gasoline, benzene, thinner, alcohol or the like. Discoloration, deformation or cracks may result.

To maintain product SAFETY and RELIABILITY, repairs, carbon brush inspection and replacement, any other maintenance or adjustment should be performed by Makita Authorized Service Centers, always using Makita replacement parts.

OPTIONAL ACCESSORIES

CAUTION:

- These accessories or attachments are recommended for use with your Makita tool specified in this manual. The use of any other accessories or attachments might present a risk of injury to persons. Only use accessory or attachment for its stated purpose.

If you need any assistance for more details regarding these accessories, ask your local Makita Service Center.

- Jig saw blades
- Hex wrench 4
- Rip fence (guide rule) set
- Guide rail adapter set
- Guide rail set
- Anti-splintering device
- Dust nozzle
- Cover plate
- Hose (For vacuum cleaner)

NOTE:

- Some items in the list may be included in the tool package as standard accessories. They may differ from country to country.

ENG905-1

Noise

The typical A-weighted noise level determined according to EN62841-2-11:

Model 4350T

Sound pressure level (L_{pA}): 83 dB (A)

Sound power level (L_{WA}): 94 dB (A)

Uncertainty (K): 3 dB (A)

Model 4350CT, 4350FCT

Sound pressure level (L_{pA}): 84 dB (A)

Sound power level (L_{WA}): 95 dB (A)

Uncertainty (K): 3 dB (A)

ENG907-1

NOTE:

- The declared noise emission value(s) has been measured in accordance with a standard test method and may be used for comparing one tool with another.
- The declared noise emission value(s) may also be used in a preliminary assessment of exposure.

⚠ WARNING:

- **Wear ear protection.**
- **The noise emission during actual use of the power tool can differ from the declared value(s) depending on the ways in which the tool is used especially what kind of workpiece is processed.**
- **Be sure to identify safety measures to protect the operator that are based on an estimation of exposure in the actual conditions of use (taking account of all parts of the operating cycle such as the times when the tool is switched off and when it is running idle in addition to the trigger time).**

ENG900-1

Vibration

The vibration total value (tri-axial vector sum) determined according to EN62841-2-11:

Model 4350T

Work mode: cutting boards

Vibration emission ($a_{h,B}$): 7.0 m/s²

Uncertainty (K): 1.5 m/s²

Work mode: cutting sheet metal

Vibration emission ($a_{h,M}$): 4.5 m/s²

Uncertainty (K): 1.5 m/s²

Model 4350CT, 4350FCT

Work mode: cutting boards

Vibration emission ($a_{h,B}$): 7.5 m/s²

Uncertainty (K): 1.5 m/s²

Work mode: cutting sheet metal

Vibration emission ($a_{h,M}$): 4.5 m/s²

Uncertainty (K): 1.5 m/s²

ENG901-2

NOTE:

- The declared vibration total value(s) has been measured in accordance with a standard test method and may be used for comparing one tool with another.
- The declared vibration total value(s) may also be used in a preliminary assessment of exposure.

⚠ WARNING:

- **The vibration emission during actual use of the power tool can differ from the declared value(s) depending on the ways in which the tool is used especially what kind of workpiece is processed.**
- **Be sure to identify safety measures to protect the operator that are based on an estimation of exposure in the actual conditions of use (taking account of all parts of the operating cycle such as the times when the tool is switched off and when it is running idle in addition to the trigger time).**

EC DECLARATION OF CONFORMITY**For European countries only**

The EC declaration of conformity is included as Annex A to this instruction manual.