

## Makita Drywall Screwdriver FS6300

A universal screwdriver well balanced for easy handling and manoeuvrability, suitable for a wide range of applications in metal construction whether it's driving a large number of screws, fixing roofing, cladding, dry lining walls and much more.

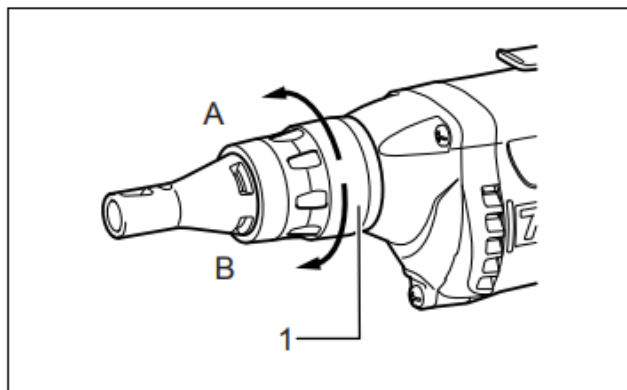


### User Benefits

- Forward and reverse option
- One-touch locator
- Low noise emission
- LED Job light for operating in areas where lighting is limited

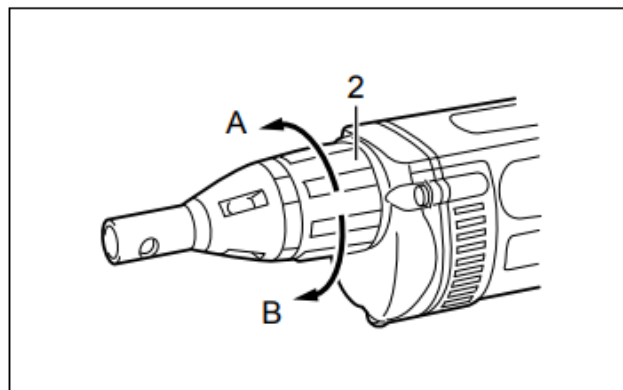
### Machine Specifications

Drywall Screw Capacity	4 mm
No Load Speed	6000 min-1
Overall Length	279 mm
Vibration Emission	2.5 m/s <sup>2</sup>
Sound Pressure Level	82 dB(A)
Sound Power Level	93 dB(A)
Weight	1.4 kg



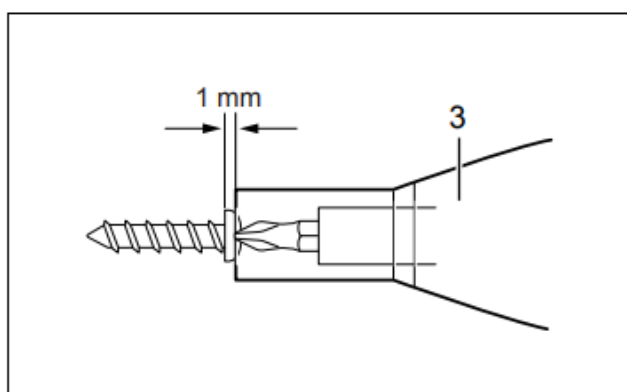
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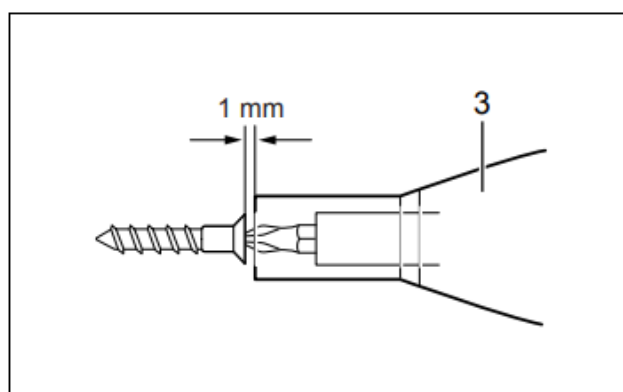
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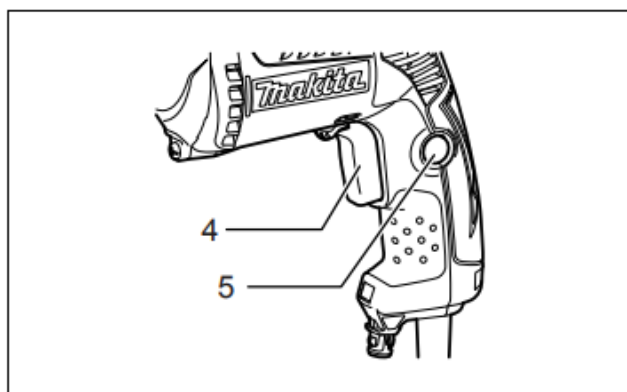
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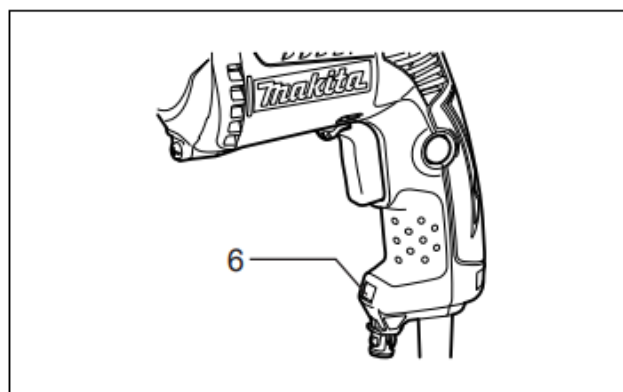
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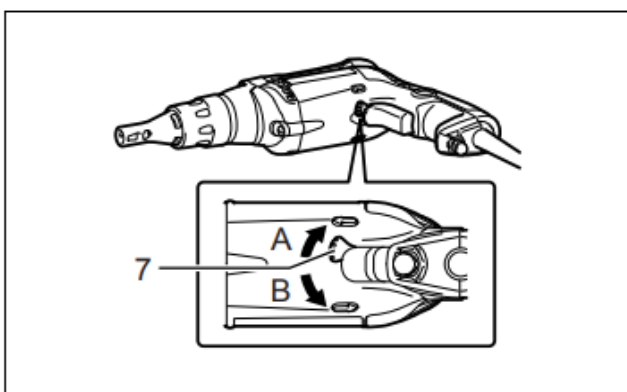
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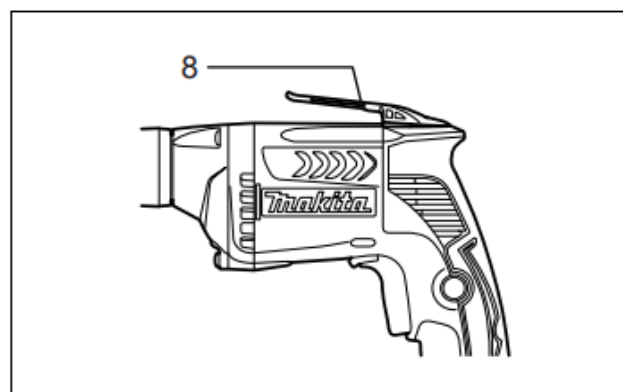
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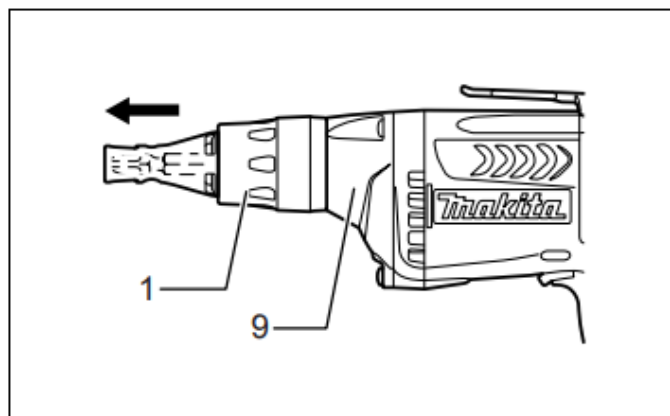
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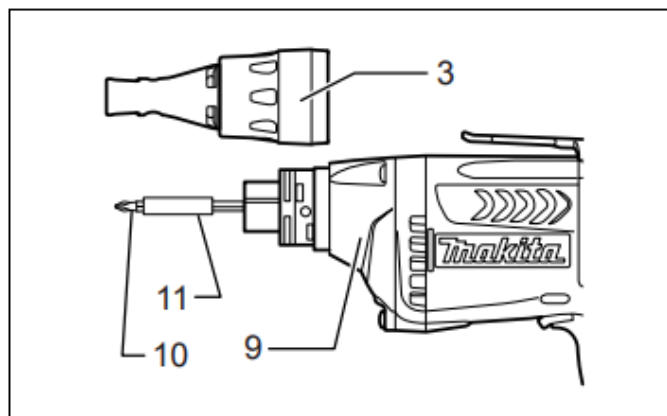
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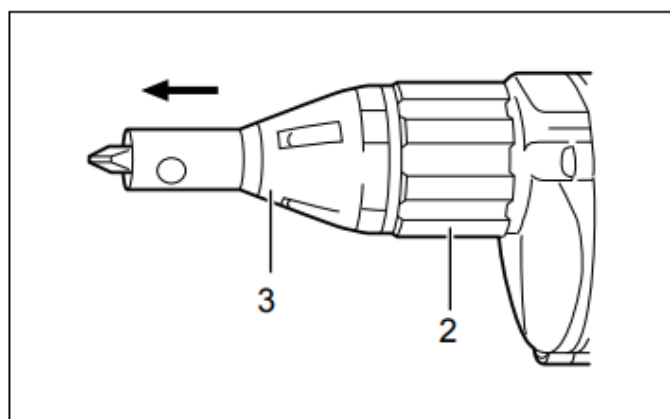
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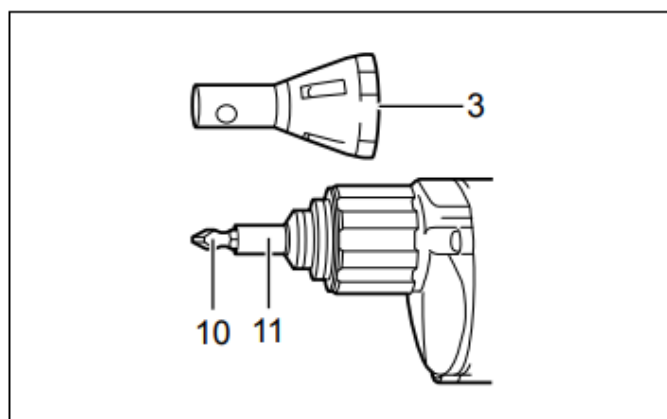
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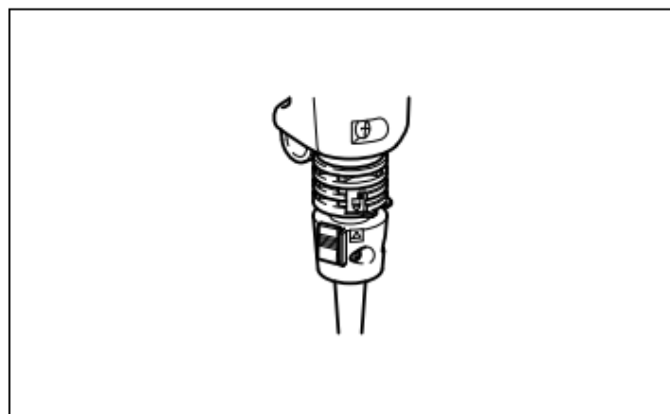
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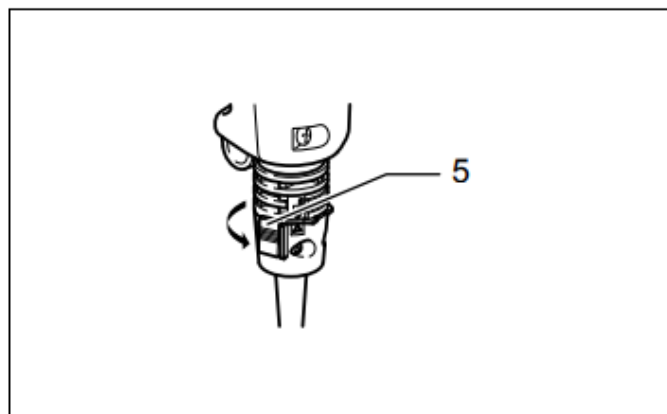
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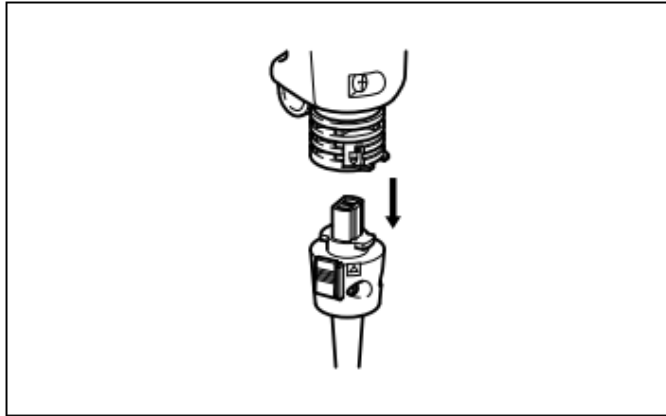
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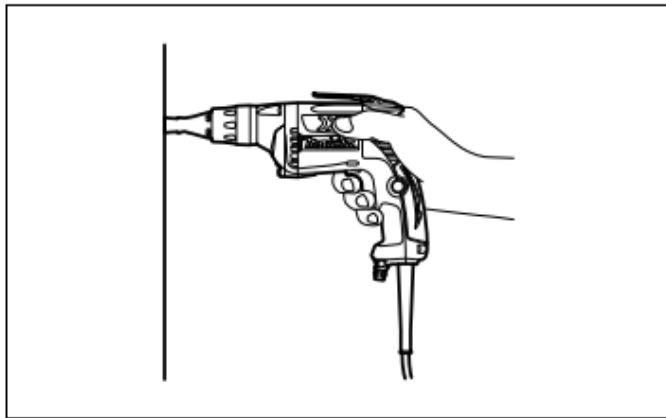
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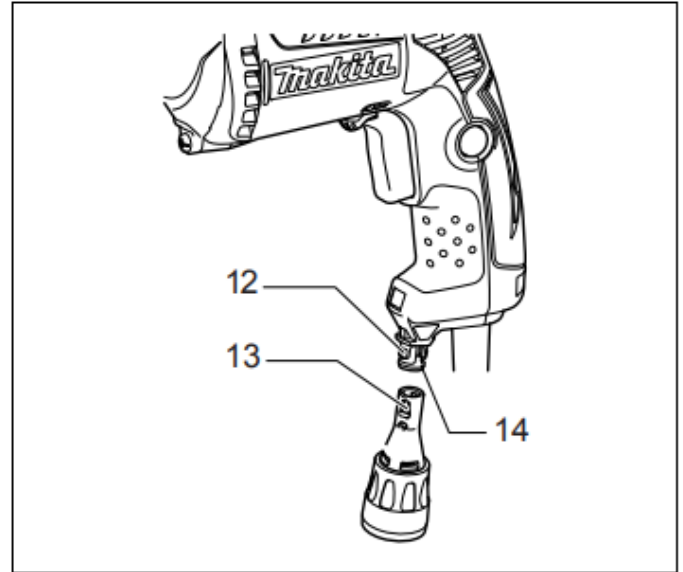
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### Explanation of general view

- |                   |                           |                         |
|-------------------|---------------------------|-------------------------|
| 1. Lock ring      | 6. Lamp                   | 11. Magnetic bit holder |
| 2. Locking sleeve | 7. Reversing switch lever | 12. Swells              |
| 3. Locator        | 8. Hook                   | 13. Trapezoidal holes   |
| 4. Switch trigger | 9. Gear housing           | 14. Locator holder      |
| 5. Lock button    | 10. Bit                   |                         |

#### Intended use

ENE033-1

The tool is intended for screw driving in wood, metal and plastic.

#### Power supply

ENF002-2

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.

### General power tool safety warnings

GEA010-2

**⚠ 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.

### SCREWDRIVER SAFETY WARNINGS

GEB135-1

1. Hold the power tool by insulated gripping surfaces, when performing an operation where the fastener may contact hidden wiring or its own cord. Fasteners contacting a "live" wire may make

exposed metal parts of the power tool "live" and could give the operator an electric shock.

2. **Always be sure you have a firm footing. Be sure no one is below when using the tool in high locations.**
3. **Hold the tool firmly.**
4. **Keep hands away from rotating parts.**
5. **Do not touch the bit or the workpiece immediately after operation; they may be extremely hot and could burn your skin.**
6. **Always secure workpiece in a vise or similar hold-down device.**

### SAVE THESE INSTRUCTIONS.

**⚠ 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.

### FUNCTIONAL DESCRIPTION

#### CAUTION:

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

#### Depth adjustment

For Model FS4000, FS4200, FS4300, FS6200, FS6300, FS6300R (Fig. 1)

The depth can be adjusted by turning the lock ring. Turn it in "B" direction for less depth and in "A" direction for more



depth. One full turn of the lock ring equals 2.0 mm change in depth.

#### For Model FS4000X, FS4300X, FS6300X (Fig. 2)

The depth can be adjusted by turning the locking sleeve. Turn it in "A" direction for less depth and in "B" direction for more depth. One full turn of the locking sleeve equals 1.5 mm change in depth.

#### For all Models

Adjust the lock ring so that the distance between the tip of the locator and the screw head is approximately 1 mm as shown in the figures. Drive a trial screw into your material or a piece of duplicate material. If the depth is still not suitable for the screw, continue adjusting until you obtain the proper depth setting. (Fig. 3 & 4)

### Switch action (Fig. 5)

#### 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. Tool speed is increased by increasing pressure on 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.

#### NOTE:

- Even with the switch on and motor running, the bit will not rotate until you fit the point of the bit in the screw head and apply forward pressure to engage the clutch.

### Lighting up the lamps

For Models FS4200, FS4300, FS4300X, FS6200, FS6300, FS6300R, FS6300X (Fig. 6)

#### CAUTION:

- Do not look in the light or see the source of light directly.
- To turn on the lamp, pull the trigger. Release the trigger to turn it off.

#### NOTE:

- Use a dry cloth to wipe the dirt off the lens of lamp. Be careful not to scratch the lens of lamp, or it may lower the illumination.

### Reversing switch action (Fig. 7)

#### CAUTION:

- Always check the direction of rotation before operation.
- Use the reversing switch only after the tool comes to a complete stop. Changing the direction of rotation before the tool stops may damage the tool.

This tool has a reversing switch to change the direction of rotation. Move the reversing switch lever to the ⇐ position (A side) for clockwise rotation or the ⇒ position (B side) for counterclockwise rotation.

### Hook (Fig. 8)

The hook is convenient for temporarily hanging the tool.

## ASSEMBLY

#### CAUTION:

- Always be sure that the tool is switched off and unplugged before carrying out any work on the tool.

### Installing or removing the bit

For Model FS4000, FS4200, FS4300, FS6200, FS6300, FS6300R

To remove the bit, first remove the locator by pulling the lock ring away from the gear housing. (Fig. 9)

Grasp the bit with a pair of pliers and pull the bit out of the magnetic bit holder. Sometimes, it helps to wiggle the bit with the pliers as you pull.

To install the bit, push it firmly into the magnetic bit holder. Then install the locator by pushing it firmly back onto the gear housing. (Fig. 10)

For Model FS4000X, FS4300X, FS6300X

To remove the bit, first pull the locator out of the locking sleeve. Then grasp the bit with a pair of pliers and pull the bit out of the magnetic bit holder. Sometimes, it helps to wiggle the bit with the pliers as you pull. (Fig. 11)

To install the bit, push it firmly into the magnetic bit holder. Then install the locator by pushing it firmly back onto the locking sleeve. (Fig. 12)

### Installing removable cord adapter

For Model FS6300R (Fig. 13)

Insert the removable cord adapter as far as it goes so that the marking △ on an end of the removable cord adapter on the side of connecting to power supply cord is aligned to the marking ⚡ on the other end of the removable cord adapter on the side of connecting to the tool.

Turn the removable cord adapter clockwise until it is locked with a lock button. (Fig. 14)

And at this time the marking △ on an end of the removable cord adapter on the side of power supply cord is aligned to the marking ⚡ on the other end of the removable cord adapter on the side of connecting to the tool. (Fig. 15)

### Removing removable cord adapter (Fig. 16)

Rotate the removable cord adapter counterclockwise until it stops while pressing the lower part of the lock button. Then pull the removable cord adapter in that position. (Fig. 17)

### Use of locator holder (Fig. 18)

The locator can be temporarily held on the locator holder during replacing bit or using without locator. To hold the locator, position the trapezoidal holes of the locator on the swells of the locator holder and push it in.

## OPERATION (Fig. 19)

Fit the screw on the point of the bit and place the point of the screw on the surface of the workpiece to be fastened. Apply pressure to the tool and start it. Withdraw the tool as soon as the clutch cuts in. Then release the switch trigger.

**CAUTION:**

- When fitting the screw onto the point of the bit, be careful not to push in on the screw. If the screw is pushed in, the clutch will engage and the screw will rotate suddenly. This could damage a workpiece or cause an injury.
- Make sure that the bit is inserted straight in the screw head, or the screw and/or bit may be damaged.
- Hold the tool only by the handle when performing an operation. Do not touch the metal part.

## MAINTENANCE

**CAUTION:**

- Always be sure that the tool is switched off and unplugged before attempting to perform inspection or maintenance.
  - Never use gasoline, benzine, 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.

- Phillips Insert bits
- Magnetic bit holder
- Locator
- Plastic carrying case

**NOTE:**

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

**Noise**

ENG905-1

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

**Model FS4000, FS4000X, FS4200, FS4300, FS4300X, FS6300, FS6300R, FS6300X**

Sound pressure level ( $L_{pA}$ ): 82 dB (A)

Sound power level ( $L_{WA}$ ): 93 dB (A)

Uncertainty (K): 3 dB (A)

ENG907-1

- 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).**

**Vibration**

ENG900-1

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

**Model FS4000, FS4000X, FS4200, FS4300, FS4300X, FS6300, FS6300R, FS6300X**

Work mode: screwdriving without impact

Vibration emission ( $a_h$ ): 2.5 m/s<sup>2</sup> or less

Uncertainty (K): 1.5 m/s<sup>2</sup>

ENG901-2

- 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.

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