



## SPECIFICATIONS

	TH 60	TH 60E
Model	500 W	500 W
Power input	3200 min <sup>-1</sup>	500-3200 min <sup>-1</sup>
No load strokes	no	yes
Variable speed	up to 45°	up to 45°
Bevel cutting angle	60 mm	60 mm
Cutting capacity in:	3 mm	3 mm
	10 mm	10 mm
	10 mm	10 mm
	10 mm	10 mm
wood	1,6 kg	1,7 kg
steel	II	II
non-ferrous metals		
ceramics		
Weight		
Safety class (EN 50144)		



These models SPARKY power tools are supplied from single-phase alternating current mains. They are double insulated according to EN 50144, IEC 60745 and can be connected to grounded or not grounded sockets. These power tools are radio suppressed in compliance with EN 55014-1, EN 55014-2, EN 61000-3-2, EN 61000-3-3 for radio interference.

## MAIN COMPONENTS

1. Electronic regulator (TH 60E)
2. ON/OFF switch
3. Lock-on button
4. Transparent guard
5. Saw blade locking screw
6. Base plate
7. Roller guide
8. Base plate and cutting angle fixing screw
9. Dust extraction port

## ACCESSORIES TO BE USED WITH THIS POWER TOOL

Blades with BOSCH type tail shape 

READ BEFORE USE!  
ATTENTION, DANGER OPERATIONS!

Operating with unsecured workpiece or touching the moving parts of the saw could cause severe physical injuries, and noise loading could damage the operator's hearing if the below-mentioned instructions and those in the enclosed Safety Instructions are not observed.

SAFETY OPERATION INSTRUCTIONS  
AND PRECAUTIONS

Before starting to operate the jig saw, always check the following:

- Make sure the power supply voltage corresponds to the value indicated on the name plate with the technical data of the tool.
- Make sure what is the position of ON/OFF switch. The jig saw must be connected to the power supply socket only when this switch is in OFF position.
- Make sure the saw blade is tightened to the holder by the screw.
- Make sure the cord and the plug are in order. In case the supply cord is damaged, it must be replaced with a special cord or assembly, available from the manufacturer or its service agent, in order to avoid hazard due to the replacement.

DURING CARRYING OUT ANY WORK, PLEASE  
DO OBSERVE THE FOLLOWING SAFETY  
REQUIREMENTS:

Never operate the machine without goggles!



Wear ear defenders!

- Use of protective gloves is recommended.
- Never operate the jig saw under load.
- Always keep the cord away from the working area of the saw.
- Fix the machined piece in vice or in another appropriate way.
- Unplug the machine prior to any adjustment, repair or maintenance or in case of mains drop out.
- SPARKY power tools must not be used outdoors in rainy weather, or in moist environment (after rain) or in close vicinity with easily flammable liquids and gases. The working place should be well lit.
- Noise and vibration values

The values typical for the device measured according to EN 50144 are:

Sound pressure level	- 87 dB (A)
Sound power level	- 100 dB (A)
Weighted acceleration	- 4,8 m/s <sup>2</sup>

**OPERATING DIRECTIONS**

## ● Switching on - switching off

- Brief activation

Switching on: push ON/OFF switch 2.

Switching off: release ON/OFF switch 2.

- Continuous use

Switching on: push ON/OFF switch 2 and fix it by means of button 3.

Switching off: push and release ON/OFF switch 2.

**ATTENTION!** In case ambient temperature is lower than 0°C the jig saw (TH 60E) must be switched on only in "G" position of the vertical stroke electronic regulator. After several minutes operation at no-load the jig saw can be used also in the rest regulator positions.

## ● Vertical stroke rate adjustment (TH 60E)

The vertical stroke rate can be adjusted smoothly by rotating regulator 1 from position "A" to position "G". The recommended positions for cutting different materials are as follows:

Material	Regulator position
1. Wood	<b>F-G</b>
2. Non-ferrous metals	<b>D-E</b>
3. Steel	<b>C-D</b>
4. Ceramics	<b>B-C</b>
5. Rubber	<b>A-C</b>

## ● Installing the saw blade

Insert the tail of the saw blade in its holder until stop. Put the back side of the saw blade in the guiding groove of roller 7, where it should move loosely, then fix screw 5 of the holder with the key, fixed to base 6.

**ATTENTION!** Lubricate roller guide 7 regularly with a few drops of oil.

## ● Bevel cutting

Unscrew screw 8 by the hexagon wrench connected to base 6. Pull the base plate backward, adjust the necessary cutting angle (0°, 15°, 30° or 45°), put the base back and fix screw 8. Fixing at intermediate angles is accomplished with the base plate pulled back.

## ● Transparent guard

The transparent guard provides additional protection while working. In case of bevel cutting the guard must be in upper position.

## ● Recommendations

When sawing metal, apply cooling liquid (water or oil) on the cut line. In case of sawing thin metal sheets, tighten in advance the sheet on a wooden support. Thus the cut edge will be smoother.

Circular cutting is possible at minimum radius 100 mm and maximum thickness of the material

20 mm. Cutting with parallel guides is possible up to 50 mm thickness of the material.

## ● Maintenance and repair

These models electric jig saws do not require any special maintenance. Any work on the machine, save saw blade replacement and base turning to the fixed angle, must be accomplished by authorised persons in authorised service centres for warranty and post-warranty servicing of SPARKY power tools.

## ● Warranty

The guarantee period for SPARKY power tools is determined in the guarantee card.

Faults due to normal wear, overloading or improper handling will be excluded from the guarantee.

Faults due to defective materials implemented as well as defects in workmanship will be corrected free of charge through replacement or repair.

The complaints for defective SPARKY power tools will be recognised if the machine is sent back to the dealer or is presented to the authorised warranty service centre undismantled, in its initial condition.