



**INSTRUCTION MANUAL
ELECTRICAL JIG SAW 500 W
Catalogue number ELK502**



This instruction is issued by the manufacturer: NINGBO CHINA-BASE
LANDHAU FOREIGN TRADE CO., address: NINGBO, YOUNGOR AVENUE 1,
China

Read carefully the following instructions.

If not following some of them you may cause electric shock or other serious consequences.

Safety at the workplace

- A. The workplace must be in good order and good lighted, so that no accidents happen.
- B. Do not work with the device in the presence of flammable substances.
- C. Children and observers are not allowed in the close proximity of the device.

2. Electrical safety

- a. Plugs must comply with the outlets; they should not be changed or transformed without an authorization.
- b. Avoid contact with earthed or grounded surfaces such as pipes, radiators, refrigerators, stoves
- c. Do not expose the device to rain or moisture
- d. Do not overload switching cables. The cables should not be used for transporting the unit, do not pull them with a force from the outlet. Keep away from sources of heat, oil, from sharp or moving parts.
- e. When working with this appliance outdoors, use special cable extensions.

3. Personal safety

- a / during the work with the device you should be careful, do not work with the device in a state of fatigue or under the influence of alcohol or drugs
- b / you must use safety equipment and always wear safety glasses.
- c / avoid accidental switching on. Before switching on the device to the network ensure that the switch is in position 'off'.
- d / before switching on the appliance remove all wrenches.
- e / Do not overestimate your abilities. Keep good balance.
- f / An appropriate clothing is necessary. Do not use loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts of the appliance.
- g / If the device is adapted to contact the external adapter of a vacuum cleaner, be sure it is attached correctly and properly used.

4. Usage and care of the appliance

- a / Do not overload it. The device should be used only as directed.
- b / Do not use it if there is no switch for an automatic disconnection in case of overload or high voltage.
- c. / Before any repair, replacement of parts or storage the device must be disconnected from the power supply.
- d / Keep away from children and do not allow inexperienced persons to handle it.
- e / Check whether the removable parts are not loose. If there are any damages, they must be removed before usage.
- f / The blades must be sharp and clean.
- g/ Use the appliance, its equipment and working tools as intended and follow the instructions.

5. Repair

- Only a qualified personnel can perform the repairs.
- Use original spare parts.

Additional information about working with an electrical jig saw:

The shoe of the saw should always fit with its entire surface to the processed material.

Do not squeeze the saw; it will reduce its speed.

Unplug the saw when not using the saw.

This saw is a handsaw. Do not use it as a desk saw.

Construction and application

The jig saw is an electrical handsaw class II, with double insulated construction. Powered by a single phase, commutator motor. It is mainly used for cutting wood and with wood materials. The saw is capable of controlled pendulum movement at speed equal to the voltage specified in the table on the appliance.

For switching on press the switch. Hold the button in position ON. The next pressing and releasing of the switch are switching off the appliance.

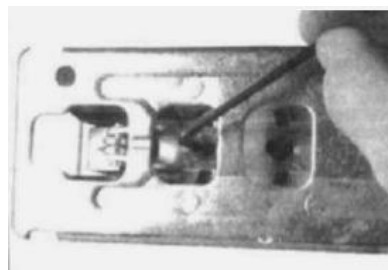
Adjustment of the speed of the jigsaw

Adjust the speed by turning the button to the desired position. This allows you to adjust the relevant speed according to the characteristics of the material. When you turn forward the speed increases and the turning backward decreases the speed. The higher figure is displayed on the button, the higher the speed.

Adjustment of the pendulum movement of the jigsaw

The ability to adjust the pendulum movement of the saw gives greater opportunities to process with the work material. The table below shows the most favourable selection of the movement stages. When cutting metal it is advisable to grease.

Any metal sheets: 0	Steel Sheets: 0-I
Aluminium sheets I-II	Synthetic materials I-II
Chipboard 0-I	Wood I-III



Adjustment of the shoe when cutting at angles
Fig. 4

Unplug the appliance from the mains supply. Lift the blade release and loosen the screws on the shoe of the saw with a tool. Move the plate of the shoe back and place at the desired angle. Return the plate forward and screw down. It is

possible to tilt from 0°, 15°, 30° to 45°. After the adjustment always put the tool immediately back in its storage place.

Adapter for a vacuum cleaner

Place the saw on the projected cut line. The saw has its own system for removing dust from the cutting surface. The system works more efficiently when the blade release is lowered down.

Instructions for use of an electrical jigsaw:

Cutting holes

The saw can be inserted directly into the work material, without making any hole before that. First fix the cutting place. Then lower the saw so that the rounded edge of its shoe touches the material, but do not press. Switch on the saw and bring it near to the fixed location. Gradually descend the rear end of the shoe and at the same time put the blade in the work material. During this movement do not move the saw forward until the blade enters fully into the work material and the shoe touch entirely the work material. Alternatively, the work can begin by cutting a hole with a diameter 12 mm from which to start the cutting.

Instructions for proper use of the jigsaw

Cut even without excessive pressure.

Maintenance and lubrication

It is recommended to lubricate the roller. Drop of oil extends the durability of the roll.

When the brushes wear out (4 mm height), both of them should be changed.

A professional care for the device ensures its effectiveness.

Contents of supply:

An Electrical Jigsaw, a tool

TECHNICAL DATA:

Rated voltage	230 V AC
AC current frequency	50 Hz
Rated power	500 W
Number of strokes	300-3000 min
Maximum cutting depth	
- wood	60 mm
- steel	5 mm
Year of manufacture	2006

Level of acoustic pressure: $L_p=92.0$ dB (A)

Sound power level: $L_w=102.0$ dB (A),

Measured value of the acceleration of vibration: 3.39 m/s



Old electrical appliances should not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. For more detailed information about recycling of this product, please contact your local authorities or the shop where you purchased the product.

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