

# JD 500

JSDA NAIL DRILL JD 500



No. 5870

No. 5871

USER MANUAL DESCRIPTION

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## 1. TECHNICAL SPECIFICATIONS

Control box JD500

Handpiece

Weight: 960 g

Input voltage: AC 220V-240V

Frequency: 50Hz

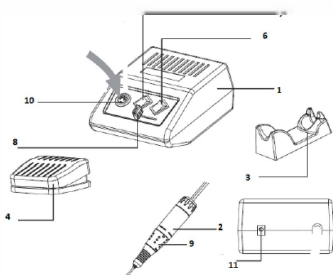
Output voltage: DC12V

Weight: 160 g

Maximum rotation speed: 30000rpm

Power: 35W

## 2. COMPOSITION KIT



1. nail drill;
2. handpiece;
3. pad for handpiece;
4. foot adapter;
5. box with cutters and caps (3x cutter, 1x cap, 1x mandrel).

## 3. OPERATION OF THE DEVICE

### Operation of the device:

- Insert the handpiece flex plug(2), into the power output socket on the main control machine (10),
- Turn on/off using Hand / OFF / Foot button (6)
- Change the direction of rotation using the direction button FWD/REV (7)
- The speed of rotation could be setted max. to 35000rpm by a speed control knob SPEED CONTROL MIN / MAX (8)

### Functions:

- The possibility of changing the direction of rotation;right or left
- Easy changing level system;
- Turn on/off option by a footswitch..

### Using a footswitch option:

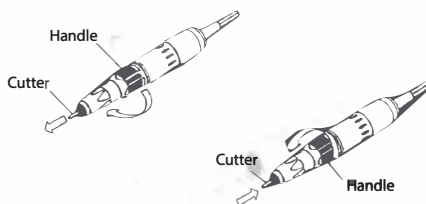
- Connect the footswitch(4 ) with a footswitch connector in the device(11);
- Choose F option „FOOT“ at the device (6);
- Activate the device using SPEED CONTROL MIN/ MAX (8)
- Regulate the operation of nail drill using a footswitch (4)

### Instructions:

- Do not move the mode from S to R in the handle, this action will cause the motor to seize, it will generate heat that may cause the handle to melt.
- Before changing the direction of rotation, be sure that a cutter stops turning;
- Do not keep too long the nail drill in „cessation“.

## 4. THE ASSEMBLY OF THE CUTTER

- In order to assembly or dissembly the cutter,hold a moving ring in the upper part of the handle. Next, turn clockwise, to full resistance (two times) ATTENTION It may require force!
- In order to block the cutter in the handholder, hold a moving ring in upper part of the holder. Next, turn full counter-clockwise (two times). ATTENTION it may require force!

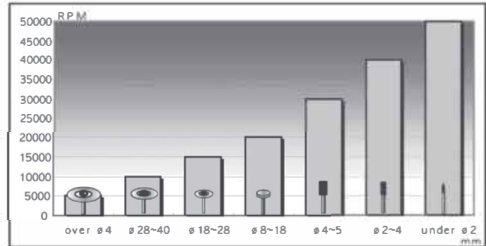


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## 5. TECHNICAL DATA OF DIFFERENT CUTTERS

### Instruction:

- Wash the handpiece and cutter before the assembly;
- During changing the holder/ cutter disconnect the device from the power source;
- During the installation of cutter, it should be settled in a warhead of handle(till it stops);
- After changing and safeting the cutter in the warhead of handle, check if it works;
- Do not unscrew the handle if the device works;
- Never use curved,assymetric and damaged cutters!
- After a long term of non-use of the device, it is necessary to check if it works.



## 6. PRECAUTIONS

Read the manual in order to prevent accidents.

- In order to ensure a long life span of the nail drill work with using the footswitch.
- Use the device in temperature 0-40°C
- Using the device in a dusted, heated and wet environment may damage it;
- Do not use the device with wet hands;
- Do not use the device if the cord is damaged;
- Do not connect too much devices to the same power source/ socket;
- Do not assembly and modify the device on your own;
- Do not allow the device and the handle of the device with the contact with water and other liquids;
- Work with a device carefully, for customer's safety;
- Do not use and keep the device in high temperature and on the exposure of the sun;
- Before using the device, check the device in an appropriate distance from the customer (check slack, vibration, evaluate sound and temperature);
- During the operation, put the handle in an appropriate rack or holders;
- Connect the device with the proven source of power with an appropriate voltage(220-240V).
- Recommended operation of the device is an intermitted mode in order to failure-free operation.
- During the work with nail drill always use goggles and protective mask
- If the disconnected power cord is damaged, it should be changed only in manufacturer's company or by an employee of the service or by a qualified person in order to prevent the risk.

## 7. TROUBLESHOOTING

Problem	Check point	Solution
The engine does not work	One of the cords is disconnected	Check the connection of cords
	The damage of one of the cords	Replace the cord
	Problem with the engine	Check the engine/or send the footprint to the service
The engine suddenly does not work	Congestion or the handle open during work	Read about the safety system, check the handle
The motor does not work by using a footswitch	The damage of the footswitch	Switch the changing button into "F"
	The damage of the plug	Change/send the footswitch to service
	Disconnection of the cord	Check the connection
	The device is disconnected	Check the button

Please report any failures to the distributor.