

# ACTIVESHOP<sup>®</sup>

## Instructions for use

Milling machine MARATHON ECO 450



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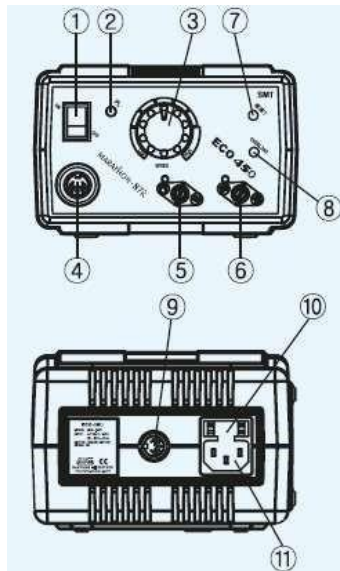


## Introduction

- Install the device in a work area where it will not be too damp or dirty.
- Remember never to drop the milling machine or head. Doing so may cause irreparable, and invisible to the naked eye, damage to the milling machine.
- Do not allow liquid to get inside the machine.
- After changing the cutter, make sure TWIST-LOCK is properly closed.
- Never, during operation, open the TWIST-LOCK.
- After finishing work, after cleaning the cutter, we recommend that the cutter be inserted into the handle.
- Always unplug the cutter after finishing work.
- For use by professionals only

## Specifications & component description

1. On/off button
2. On/off indicator light
3. Speed dial
4. Head socket
5. Button to change the control mode
6. Button to change the direction of rotation
7. Reset button
8. Overload indicator light
9. Foot drive socket
10. Fuse
11. Power supply socket



## Installation and operation

- The plug of the motor cable must be well connected to the device body.
- The foot control switch cable plug must be well connected to the unit body.
- The appliance plug must be connected to the outlet only after making sure that all wires have been installed correctly and safely.

### CAUTION

Do not connect the milling machine head to the foot drive socket. This can cause permanent damage to the milling machine. Connect the router head to the socket under the speed control knob.

### Manual operation

1. Connect the head to the device.
2. Turn on the device.
3. Press the control mode change button. The green light should come on.
4. Set the knob to minimum and then turn clockwise to get the desired speed.
5. Pressing the "forward/reverse" switch will change the direction of rotation of the head.

### Foot operation

1. Connect the head to the device.
2. Turn on the device.
3. The milling machine defaults to foot control mode, to change from manual to foot control mode, press the control mode change button.

### Inserting/extracting the cutter

- To pull out the cutter, turn the clamp clockwise until you hear a characteristic "click" and pull out the cutter.
- To attach the cutter, turn the clamp counterclockwise until you hear a click.
- Remember to keep the clamp clean before you change the cutter.
- Make sure the cutter you want to use was not bent, asymmetrical or damaged. Always use standard cutters.

### Safety protection system. Overload/overheat function

- In order to protect the cutter from overheating, caused for example by the failure of ball bearings, cutter diameter, etc., at the time of overheating, a temperature sensor is activated which will turn off the power to the machine.
- If the milling machine overheats, it will stop automatically after 5 seconds.
- Turn the device off and after about 30 seconds turn it on again.
- Overheating will be signaled by lighting the OL (Overload) lamp.

### Troubleshooting

Problem	Cause	Action
Although the milling machine is on, the head does not work	Incorrect connection of the body with the head cable	Connect the head cable with the machine correctly
	Damage in the motor cable	Replace the cable
	Worn carbon brushes	Replace the brushes
	Problem with the head	Contact the service center
Head suddenly stopped working	Unit overheated or overloaded	Check point 5.
Head does not work in footswitch mode	Foot switch does not work	Press the control change button

### Recommended speeds depending on the type of cutter:

Cutter diameter	RPM max
5 mm	30000
7mm	25000
10mm	15000
13mm	10000

**Tips to maximize the life of the head:**

1. Do not use dented or damaged cutters.
2. Excessive load caused by damaged cutters will quickly destroy ball bearings.
3. Wash the cutter shanks before use, if grease or other substances cause a dirty cutter to get stuck on the spindle, it may cause vibration, poor spindle power or other irregularities.
4. Always insert the cutter all the way into the clamp.

**NOTE!!!**

Turning the knob to the minimum does not turn off the cutter. To replace the cutter, turn off the milling machine with the on/off button. Replacing the cutter on the switched-on milling machine or leaving the milling machine on for several hours affects the life of the cutter head and may lead to permanent damage to the cutter head.

**SAFETY MEASURES**

1. The device is a professional equipment for use in beauty parlors. Operation of the device only by qualified cosmetic personnel avoids undesirable consequences during treatment.
2. Do not disassemble the device or attempt to use it for purposes other than those indicated in this manual. All servicing and repairs must be performed only by an authorized service technician (ACTIVESHOP Ltd. company).
3. Do not install or operate the device near liquids, wet places or with wet hands - so that no liquids get into the device.
4. Immediately unplug the device from the outlet and contact the authorized service provided by ACTIVESHOP Ltd. in the following cases:  
(a) liquid has entered the device, (b) the device emits a strange odor, smoke or makes strange sounds, c) the power cord has been damaged, d) the device has been overturned or its housing has been damaged.
5. Do not lay any objects on the cables. Do not install the device where someone may step on the power cord.
6. For safety purposes, unplug the power cord from the outlet each time you finish working with the device.
7. Do not insert anything into the opening of the device. If a foreign object gets into the hole, remove the cord from the outlet and contact the distributor or manufacturer.
8. Do not place the device on an unstable cart, shelf or vehicle. If dropped, the device may be damaged.
9. In order to guarantee the established useful life of the device, it is recommended to keep an interval of one minute before pressing the power button again (between switching on and off and vice versa).
10. The power supply must comply with the specifications on the nameplate. Otherwise, there is a risk of incorrect operation of the device its damage and even burning.

**CAUTION:**

1. In case of damage to the power cord or other malfunctions, contact an authorized service center - this will avoid danger.
2. This equipment may be used by children at least 8 years of age and by persons of diminished physical and mental capabilities and persons with inexperience and lack of familiarity with the equipment, if supervision or instruction on how to use the equipment in a safe manner is provided so that the associated risks are understood.
3. The equipment is not intended for play by children. Do not allow children to play with the equipment.
4. Do not leave the appliance unattended when children or persons without sufficient knowledge of the use of the appliance are in the vicinity.
5. This electrical appliance is not a toy. Improper use or contact with the electrical appliance may pose a health risk or lead to death, so use and store the appliance out of the reach of children.

## DISPOSAL OF THE DEVICE



Dispose of used electrical appliances, fixtures and packaging to raw material reprocessing centers in accordance with environmental protection principles. Electrical appliances should not be thrown into household waste containers. Follow the rules for discarding this type of equipment. In order to protect the environment in accordance with Directive 2012/19/EC concerning used electrical and electronic used electrical electrical equipment should be collected separately, and then handed over to collection points for used electronic and electrical equipment. At the end of their useful life, and old appliances contain full-value recyclable components, so they should be handed over for reprocessing. Therefore, they should be handed over to appropriate collection points, as well as they can also be handed over to ACTIVESHOP Ltd.

## STORAGE AND TRANSPORT

The device should be transported at a temperature in the range of (-) 20 °C to (+) 50 °C only in its original packaging. Store the device in a well-ventilated and relative humidity of no more than 75%. Operating temperature from (+) 10 °C to (+) 40 °C. During storage and transportation processes, the device must not be thrown or dropped, exposed to mechanical shocks or atmospheric agents.