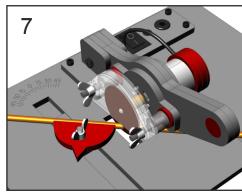
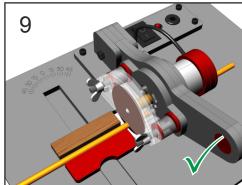
# Operation

- Beware of the heat generated on the metal tubes while cutting. Heat on metal parts can be high and burn you fingers.
- Pull on a heat resistant glove or use a piece of wood as an additional support to avoid burning your fingers. (Fig. 6)
- Keep your fingers out of path of cutting disk. It can cause severe injury if disk is contacted while the tool is running.
- ALWAYS USE SAFETY GLASSES. Also use face or dust mask as cutting operation is dusty. Everyday eyeglasses only have impact resistant lenses, they are NOT safety glasses.







#### **EC Declaration of Conformity**

Proses Elektronik Ltd.

Ihlamur Çıkmazı Sok. No: 1A/7 Feneryolu,

Kadıköy İstanbul, Turkey

in accordance with the following Directive(s):

2006/95/EC The Low Voltage Directive

2004/108/EEC The Electromagnetic Compatibility Directive

hereby declare that:

Equipment: Model Train Track and Metal Tube Cutter

(Non-Ferrous, soft metals)

Model number: **TC-200PS** 

is in conformity with the applicable requirements of the following test standards.

EN 60950-1:2006 + EN 60950-1:2006/A12:2011

EN 5522:2010

EN 61000-3-2:2006 + EN 61000-3-3:2008

EN 55024:2010

We hereby declare that the equipment named above has been designed to comply with the relevant sections of the above referenced specifications.

Proses Elektronik Ltd.

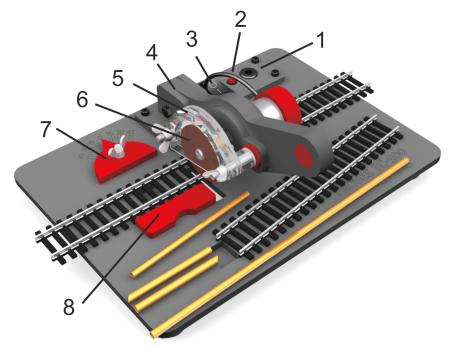
# **USER'S MANUAL**



# TC-200PS Track Cutter

for Model Railroaders and Hobbyists





Overview			
1	DC Power Socket	5	Cutting Disk Guard
2	DC Power LED	6	Cutting Disk (max 38mm)
3	On/Off Switch	7	Variable Angle Support
4	Security Switch (hidden)	8	Right Angle Support

## Specifications:

Tool size: 225 X 165 X 65 mm

Power adapter input voltage: 100/240 V Power adapter output voltage: 18-20V DC, 3A

Cutting disk size: 38mm Cutting height: 5mm

Materials to cut: Model train tracks, non-ferrous soft metals.

Includes and additional security switch to stop the motor when the arm is raised above 20mm.

### Package Includes:

Track cutting tool, AC/DC power adapter, mains cable, spare disks.

## Safety Notes

## Please note the following safety notes to avoid malfunctions, damages or physical injuries:

- Safety Notes provide valuable hints for using your new device.
- Please take the time to read this manual carefully and keep it for future reference.
- Make sure the power adapter voltage corresponds to mentioned specifications if it is not included in the package. Input mains voltage 100-240V. Output 16-19V, 3A DC.
- Make sure power switch (On/Off) is in off position before plugging in the adapter.
- Persons with limited physical, sensorial or mental abilities are not allowed to use the tool, unless they are supervised and briefed for their safety by a qualified person.
- Disconnect the tool from the power supply before changing the cutting/grinding disk, cleaning
  or servicing it.
- Do not use grinding/cutting discs with a diameter larger than 38 mm!
- Do not force the tool. Exert only moderate pressure on the workpiece and allow it to be processed at uniform speed. You will not finish your work sooner by exerting heavy pressure. On the contrary, heavy pressure will cause the drive unit to slow down or stop. This may overload the motor.
- Do not try to cut hard metals such as steel and iron. The tool is designed to cut model railroad tracks of up to HO scale (1:87) and soft non-ferrous metals such as aluminum, brass, copper tubes not greater than 5mm in diameter or height.
- Do not use the tool longer than 15 minutes continuously.
- The use of any accessory or attachment other than those recommended in this instruction manual may present a risk of personal injury.
- Do not touch the rotating disk, as this may cause cuts or burns.
- Never use the tool without placing and fixing the cutting/grinding disk guard.
- Hold the tool and materials to be cut firmly. Pull on a protective glove to avoid injuries and burns.
- During operation always wear safety goggles and if necessary ear protectors and a face mask.
- Keep the machine out of reach of children. The machine is not a toy.
- Operate the unit only indoors or in dry areas.
- Do not stress and bend the power cords and keep them away from hot and sharp surfaces. Do not wind the cord around the unit.
- Keep the work area clean. Dress appropriately.
- Be alert. Pay attention to what you are doing. Tackle the work with a reasonable attitude. Do not use the tool if you lack concentration.
- Should the tool become damaged do not use it and have it repaired by a professional or contact our customer support department. Do not disassemble the unit or try repairing it yourself.

#### Operation

### **Before First Use**

- Unpack all parts of the cutting machine and check all parts for any damage in transit.
- Dispose packaging materials or store it out of reach of children. Plastic bags etc. may become deadly toys for children.

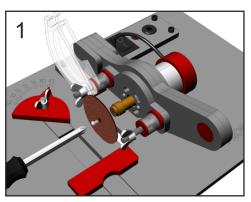
#### Intended Use

- This cutting tool is specially designed to perform cutting of model train tracks. You can also cut soft metals tubes made in brass, copper and aluminum used in model-making. Plastic tubes and wood timbers can also be cut with paying attention to melting of plastic and burning of wood because of heat generated by high RPM of the cutting disk. Use the tool only for those applications described.
- Use of the tool other than its prescribed purpose is deemed to be a case of misuse.

## Operation

#### Replacing The Cutting Disk

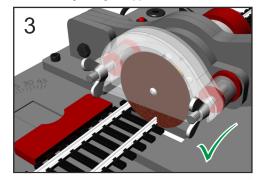
- Aways unplug the tool before replacing the disks. Cutting disk diameter is 38mm. Do not use
  greater disks as protective disk guard will not cover greater diameters.
- Displace the disk guard. (Fig. 1) Hold the shaft and screw the cutting disk to the shaft firmly with a screwdriver.
- Replace the protective disk guard and fix the wingnuts firmly. (Fig. 2)
- Cutting disks are also known as grinding disks and can be found in most hardware stores. If the
  hole diameter in the center of the disk is smaller than 3mm you file it to size it with a round file.

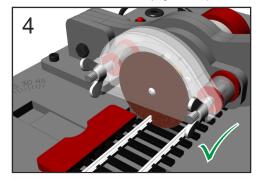


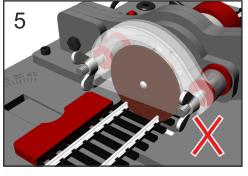


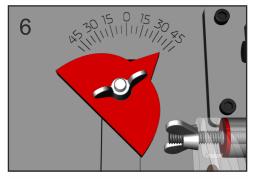
## **Cutting Tracks and Metal Tubes**

• Use the right angle support to cut tracks. For best results cut one rail at a time. (Fig. 3, 4, 5)









• Adjust and fix the angle of support. Reverse the support if needed. (Fig. 6, 7)