

CNCGLASS

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CNC Ucolin Interlayer Technology Co., Ltd.

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TECHNICAL OPERATING INSTRUCTION

EVA Thermal Cutter to clean laminated glass edges overflowed remains of **EVA, PVB, SGP** etc.

(Formal title: EVA Thermal Cutter — laminated-glass edge overflow cleaning by hot-blade thermal cutter)

CNCGLASS · How it works

How it **works**:

The blade of the Thermal Cutter can be up to **500 °C** in seconds. The Thermal Cutter **trims overflowed interlayer remains** not by mechanical strength or blade sharpness, but by ultra-high-temperature heat (**500 °C**). Whether the interlayer is EVA, PVB, or SGP film, the Thermal Cutter can perform effective edge cleaning in these applications.



Fig. 1 — EVA Thermal Cutter in laminated-glass edge cleaning (source photo)

CNCGLASS · Technical Data

Item	Value (source preserved)
CE Plug	AC 230 V / 50 Hz
US Plug	AC 120 V / 60 Hz
Power	MAX 90 W
Temperature	Up to 500 °C in seconds

Duty cycle : this tool is designed for intermittent operation. Internal thermal protectors automatically shut the unit off if internal temperature becomes too high; after cooling, the Thermal Cutter can operate again.

CNCGLASS · Preparation

- 1) Select a Thermal Cutter blade corresponding to the cutting use.
- 2) Loosen the knurled nut when the device is cold.
- 3) Insert each leg of the blade and tighten the knurled nuts. Make sure that the blade and the cutting head have optimal contact. If both legs of the blade are not properly installed, the unit will not heat up.
- 4) Power on.

CNCGLASS · Cutting

- 1) Actuate the switch; the indicator light and the blade will heat up.
- 2) Avoid direct short circuit between cutting heads.
- 3) Do not use metallic rulers for guiding the blade.
- 4) Clean cutting heads with the enclosed wire brush.
- 5) Please make sure the blade is connected to the cutting material before the blade heats up.

CNCGLASS · Caution

- 1) Always operate the Thermal Cutter in a well-ventilated space.
- 2) Never burn off the excess residue on the Thermal Cutter blade. The blades will **overheat and warp**.
- 3) Only operate the Thermal Cutter when it is in contact with the **thermal insulation / support board**.
- 4) Keep hot blades away from skin, clothing and other flammable materials.
- 5) Allow blades to cool before handling. The Thermal Cutter may cause injury or burns to exposed surfaces.
- 6) **This Thermal Cutter works intermittently: if the temperature inside the tool becomes too high, the unit heats up and the internal thermal protectors turn off automatically; after it cools, the Thermal Cutter will operate again.**

CNCGLASS · Contact

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