

## CNCGLASS



CNCGLASS rotatable air-cooling hot knife — kit overview with blades and case.

## CNCGLASS Product Catalog

### Rotatable Air Cooling Hot Knife Ribbon Webbing Rope Cutter — Fabric Textile Hot Knife Cutter Clean Edge Seal 120W Adjustable Heat Dial 16 Settings 90 to 180 Degree Rotate Continuous Air Cooling Industrial DIY English

Handheld rotatable hot knife cutter with full-body air cooling for ribbons, webbing, ropes, nylon and outdoor fabrics, blackout cloth, thin foam boards, and polypropylene panels. Rated 120 W with a 16-setting heat dial, copper blade holder, and a cutting head that rotates from 90° to 180°. Cuts and heat-seals synthetic edges for cleaner finishes. Kit includes arc and straight blades, pressure foot, scraper, hex wrench, and carrying case. Catalog figures are average reference values, not guarantees — verify fitness before volume use.

**CNCGLASS** | [www.cncglass.com](http://www.cncglass.com)

Product List Edition

CNC Ucolin Interlayer Technology Co., Ltd. · SHENZHEN, GD, CHINA

### CNCGLASS · Product List / Specifications

CNCGLASS rotatable air-cooling hot knife is a handheld fabric / rope / webbing cutter with a heated blade for smooth cuts and clean edge sealing. Full-body air circulation cooling supports continuous work. The cutting head rotates from 90° to 180° to match working angles. A handle heat dial offers 16 settings. Copper blade holder improves heat transfer. Rated power 120 W.

Typical materials: polypropylene panels, blackout fabric, outdoor textiles, webbing, ropes, nylon fabrics, thin foam boards, and ribbons. Commercial terms and spare blades available on request.

| Item / Feature                          | Specification                                                                                                                                                                               | Format | Typical use             |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------------------------|
| Rotatable air-cooling hot knife · 120 W | Handheld hot knife · full-body air cooling · rotate 90°-180° · heat dial 16 settings · copper blade holder · protective casing · metal hanging hook · ergonomic grip · clean-edge heat seal | Kit    | Ribbon / webbing / rope |
| Blade set (included)                    | 2 arc blades + 2 straight 2-inch blades · pressure foot · scraper · hex wrench · heavy-duty carrying case                                                                                   | In kit | Fabric / foam / DIY     |

Note: Catalog data are average reference values for CNCGLASS grades and are not guarantees. Please verify fitness for your process before volume use. Contact us for commercial terms and spare blades.

To place an order or request a quotation, please email us at [cnc@cncGlass.com](mailto:cnc@cncGlass.com). Our sales team will respond promptly with availability and lead time.

CNCGLASS · Datasheet of Rotatable Air-Cooling Hot Knife

Key published properties for CNCGLASS rotatable air-cooling hot knife for ribbon, webbing, rope, and fabric cutting with clean edge sealing. Values below are typical catalog reference facts.

| Property            | Result                                                                                                  | Note                       |
|---------------------|---------------------------------------------------------------------------------------------------------|----------------------------|
| Product family      | Rotatable air-cooling hot knife cutter                                                                  | Handheld                   |
| Rated power         | 120 W                                                                                                   | Published page value       |
| Cooling             | Full-body air circulation cooling                                                                       | Continuous work design     |
| Head rotation       | 90° to 180°                                                                                             | Reduces wrist strain       |
| Heat control        | Handle dial · 16 settings                                                                               | Match material / thickness |
| Blade holder        | Copper blade holder                                                                                     | Heat transfer              |
| Body features       | Protective casing · metal hanging hook · ergonomic design                                               | Industrial / DIY           |
| Cut / seal behavior | Smooth cuts · clean edge sealing · low residue                                                          | Synthetics                 |
| Typical materials   | PP panels · blackout · outdoor textiles · webbing · rope · nylon · thin foam · ribbon                   | Published list             |
| Kit contents        | Cutter · 2 arc blades · 2 straight 2-inch blades · pressure foot · scraper · hex wrench · carrying case | Published kit              |
| Disclaimer          | Average reference values — not guarantees (CNCGLASS only)                                               | Verify before volume use   |

Datasheet values are typical published reference facts and may vary by batch. They are not performance guarantees. Please contact us for the latest guidance on blade selection and material fitness.

CNCGLASS · Storage & Care

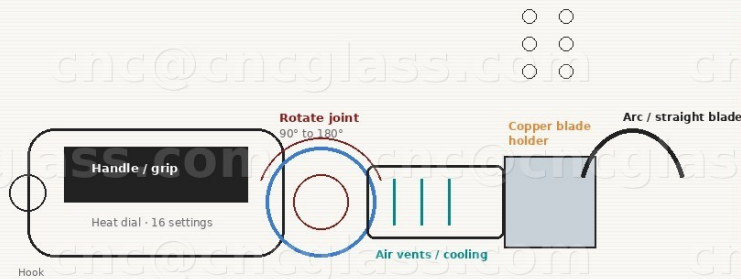
Store the cutter and blades in the carrying case in a dry, clean environment. Allow the blade to cool fully before changing tips or packing. Keep vents clear of dust so air cooling stays effective. Follow FIFO inventory practice for spare blades and kits.

CNCGLASS · How It Works (Hand-Drawn Sketches)

Educational hand-drawn sketches for textile, webbing, and foam shops. CNCGLASS rotatable air-cooling hot knife uses a heated blade with a 16-setting dial and full-body air cooling for continuous cut-and-seal work at head angles from 90° to 180°.

### Rotatable Air-Cooling Hot Knife — Structure

Hand-drawn sketch — handle, rotate joint, copper blade holder, air vents (not to scale)



#### Published catalog facts

- Rated power: 120 W
- Full-body air cooling
- Continuous work design
- Rotate: 90° to 180°
- Heat dial: 16 settings
- Copper blade holder
- Protective casing
- Metal hanging hook
- Arc + straight blades
- Pressure foot included
- Carrying case included
- Clean-edge heat seal

\* Not to scale — sketch for reference only · CNCGLASS rotatable air-cooling hot knife

Hot knife structure (hand-drawn sketch): handle, heat dial, rotate joint, air vents, copper blade holder, blade.

### Hot Knife Cut & Seal Process

Hand-drawn sketch — dial heat, cut with air cooling, sealed edge

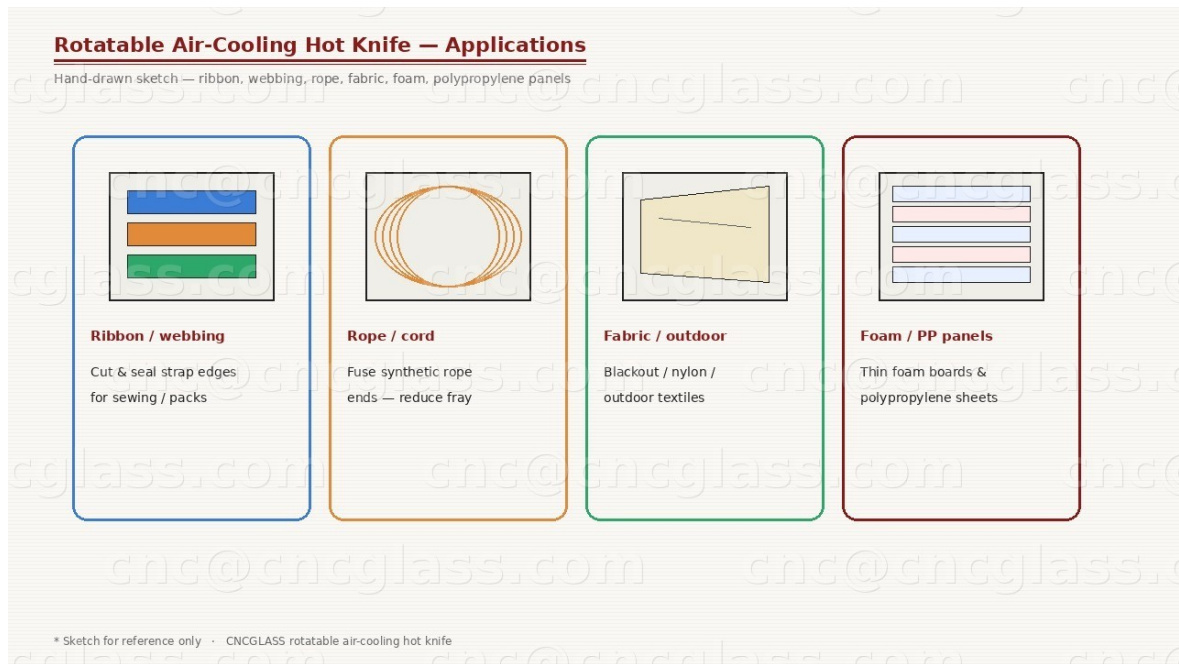


#### Process notes

- Heat dial on the handle provides 16 settings for ribbons, webbing, ropes, and foam boards.
- Heated blade cuts synthetics and seals edges to reduce fray / residue on many fabrics and ropes.
- Full-body air circulation cooling supports longer continuous runs versus coil-only tools.
- Use pressure foot when needed to protect the work surface; rotate head 90°-180° for angle.

\* Educational sketch — not a process guarantee · CNCGLASS rotatable air-cooling hot knife

Cut and seal process (hand-drawn sketch): set heat dial, cut/seal edge, air-cool for continuous work.



Hot knife applications (hand-drawn sketch): ribbon/webbing, rope, fabric, foam and polypropylene panels.

### CNCGLASS · Product Photos

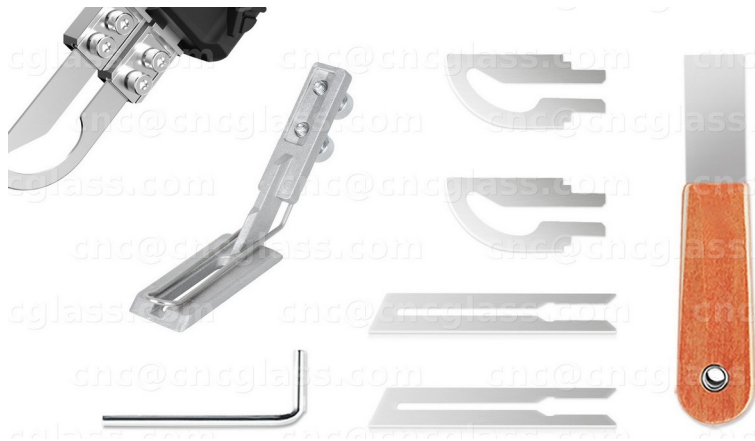
Product photographs of CNCGLASS rotatable air-cooling hot knife kit, rotate-cut use, and blade / accessory set. Representative of the ribbon / webbing / rope cutter family.



CNCGLASS rotatable air-cooling hot knife — kit overview with blades and case.



CNCGLASS rotatable hot knife — 180° head angle cutting foam board.



CNCGLASS hot knife kit — arc blades, straight blades, pressure foot, tools.

## **CNCGLASS** · Contact

### **CNC Ucolin Interlayer Technology Co., Ltd.**

Address: SHENZHEN, GD, CHINA

#### **Peter Lin**

Email: [cnc@cncGlass.com](mailto:cnc@cncGlass.com)

WhatsApp / Mobile: +86 15013829504

WeChat: wecan365

Website: [www.cncglass.com](http://www.cncglass.com)

For quotations, samples, or bulk orders of rotatable air-cooling hot knives for ribbon, webbing, rope, and fabric cutting, please contact us by email or WhatsApp.