

CNC Cutter/Router JWEI CB03II-3020-RM

JWEI CB03II series plotters offer even greater versatility thanks to their large working area. The modular head and multi-zone vacuum system ensure easy and quick adaptation of the machine to various materials. High cutting precision is achieved through the use of a rack-and-pinion drive combined with integrated control. Conveyor belt included as standard, enabling work with both roll and sheet materials. Positioning via camera. Automatic knife length measurement.

Additional equipment (rotary knife and spindle – valued at approx. €10,000) included in the price.

Included Tools

- **Oscillating knife** – Used for cutting various types of corrugated cardboard, paper, foam, and certain types of textiles.
- **Drag knife (kiss-cut)** – For cutting various types of film and vinyl.
- **Rotary knife** – For cutting fabrics, banners, fiberglass, and carbon fiber.
- **Tangential knife** – Suitable for cutting soft materials such as cardboard, plastics, PVC foam, gaskets, leather, and flexographic plates.
- **Spindle** – For dense materials such as Dibond, acrylic, MDF, and epoxy board.
- **Creasing wheel** – For creasing cardboard and plastic.

Technical Specifications:

- **Multifunctional Head:**

Quick tool change. Engraving and cutting. Equipped with oscillating knife, drag knife, creasing wheel, and plotting pen. Positioning via laser and camera.

- **Tools:**

Various types of knives, different sizes of creasing/scoring wheels.

- **Safety Features:**

Infrared sensors, collision sensors on the gantry.

- **Travel Speed:**

Up to 1200 mm/s

- **Cutting Speed:**

Up to 1000 mm/s (depending on knife type and material)

- **Cutting Depth:**

Up to 50 mm (depending on knife type and material)

- **Examples of Cuttable Materials:**

Sheet and roll materials: paper, films, fabrics, leather, plastics, PVC, car wraps, thick foam, acrylic, plexiglass, banners, tarpaulins, wood, rubber.

- **Material Holding:**

Multi-zone vacuum table

- **Interface:**

Ethernet port

- **Control Panel:**

Multilingual LCD touchscreen

- **Drive System:**

Precision servo drives, linear guides, transmission belts, timing belts

- **Power Consumption:**

9.5 kW

- **Power Supply:**

380V $\pm 10\%$, 50Hz/60Hz

- **Working Area (mm):**

- 3000 × 2000