

Colibri Digital

CNC CUT

Flatbed cutting system with routing capability

A fixed-bed system for contour cutting non-metallic materials. Select tooling to match the material and the operations required.



1300 × 2500

Working area, mm

4 kW

Spindle power

80 m/min

Idle traverse

Workflow and applications

Automatic registration-mark positioning helps align the cutting path with the workpiece. Nesting software helps plan the arrangement of parts on a sheet. A 1:1 contour projection system is described; its inclusion in the supplied configuration must be confirmed.

Sign production, gaskets, leather and footwear, composites, automotive interiors, textile parts, carpets and floor mats.

Technical specifications

CTCNCCUT / Colibri Digital CNC CUT

Working area	1300 × 2500 mm
Spindle power	4 kW
Spindle speed	0–40,000 rpm
Idle traverse speed	80 m/min
Repeat positioning	±0.1 mm
Electrical supply	AC 380 V / 50 Hz
Mechanics	Precision linear guides; rack drive
Working bed	Fixed; material-holding configuration to be confirmed
Positioning	Automatic, using registration marks
Software	Nesting / part layout on the sheet
Contour projection	1:1; inclusion to be confirmed
Available tooling	Oscillating and pneumatic knives, rotary cutting tool, creasing tool, marking pen, routing tool
Operations	Through and partial-depth cutting, routing, hole making, creasing, marking and contour cutting – dependent on tooling
Example materials	PTFE, graphite composite, rubber, KT board, foamed PVC, leather, carpets

80 m/min is a non-cutting traverse speed. ±0.1 mm describes repeat positioning, not guaranteed finished-part tolerance. Listed tools are not a confirmed standard package. Material suitability and operating settings must be confirmed for the specific job.

Specify the material, thickness and required operations. Permissible thickness and the final tooling and material-holding configuration require confirmation.