

Sentinel E 1015

CNC milling router with automatic tool change



Photo of the machine offered for sale.

1000 × 1500 mm

WORKING AREA X / Y

300 mm

Z-AXIS TRAVEL

8-9.6 kW

ATC SPINDLE

Used exclusively for cutting corrugated cardboard

For sale: Sentinel E 1015 CNC milling router, originally purchased for woodworking. In practice, the machine was used exclusively as a cutter for corrugated cardboard. It was not used for heavy machining of wood or metals, and its components were not subjected to the loads associated with such milling operations.

Technical and visual condition: excellent.

Condition and usage history according to the seller's declaration.

Specifications and equipment

ATC spindle, linear tool magazine and vacuum table with claw vacuum pump.

Working area	X: 1000 mm / Y: 1500 mm / Z: 300 mm
Kinematics	Linear guideways
Linear transmission	Structural rocker-arm system
ATC spindle	Power 8-9.6 kW; automatic tool change
Spindle parameters	24,000 rpm; ceramic bearings; ER 32; ISO 30
Tool magazine	Linear, for 6 tools
Drives	Digital AC servo drives: 4 × 400 W
Vacuum table	HPL plate
Machining technology	HSM (High Speed Machining)
Measuring systems	Material height sensor; tool length sensor
Tool cooling	Compressed air
Material positioning	3 locating pins
Control system	Control cabinet with computer, keyboard and mouse

Tools and accessories included

Tool holders	Set of 6 ISO 30 tool holders
Collets	ER 32: Ø 3, 4, 6, 10, 12 and 16 mm
Table accessories	Vacuum table seals: 30 m; 2 vacuum table underlays

Claw vacuum pump included

Model	C-VRL 301 Zephyr ¹
Motor power	5.5 kW
Nominal capacity	290 m³/h
Ultimate pressure	150 hPa (mbar)

¹ Pump designation according to the supplied specification; to be confirmed on the nameplate.

Applications

Machining capabilities depend on the tool used, material thickness, operating parameters and machine configuration.

Wood and wood-based panels

Wood, plywood, OSB, MDF, HDF.

Metals

Aluminium, brass, bronze and other metals, depending on the selected machining technology.

Composites and technical panels

Composites, engineered stone, Corian, HPL, Dibond.

Plastics and modelling materials

Prolab, polyurethane foam, polystyrene, foamed PVC, Plexiglas, polycarbonate, acrylic.

Materials for cutting with an oscillating head²

Technical polyurethane foam, sponge, cardboard, corrugated cardboard, film, leather, fabric, rubber, plastics; Kryngielit, Gambit, Polonit and other materials and panels.

² This application requires the appropriate head and tool. The oscillating head is not listed in the scope of supply; its availability must be confirmed.

Selected details of the machine offered



Control panel with computer.



Spindle assembly.



Linear tool magazine.



Linear guideways and gantry system.