

Technical specifications

Machine

W x DT x H	1000 x 1.350 x 1.750 mm
Working height	930 – 1.050 mm
Weight	ca. 700 kg
Current	230 V / 50/60 Hz / 16 A
Compressed air	0,6 mPa (6bar), oilfree
Color	RAL 9002 / customer specific

Work space

Standard panelsize	460 x 460 mm
	or customer specific
Mounting height standard top side:	15 mm
bottom side:	45 mm
	or customer specific

PCB fixation

PCB resting with tooling holes in centering-pins and on supporting pins in unpopulated areas, if required in combination with vacuum pins.

Stabilization from top with spindle retainer-brush.



Tools

Shank spindle	up to 60.000 rpm
Disc spindle	20.000 rpm
Shank tools	0,8 – 3,175 mm / (1/8")
Saw tools	0,3 – 1,6 mm

Depanelling speed

Shank tools	up to 80 mm
Saw tools	350 mm

Accuracy

Positioning	+/- 0,01 mm
Repeatability	+/- 0,015 mm
Depanelling	+/- 0,1 mm

Dust extraction

External dust-explosion protected vacuum unit, with intelligent lock-valve, suction-monitoring.

Optionally connection to central dust-extraction system.

Noise level

Operating noise	59 db (A)
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System CPU

IPC-control DIN-language
Path control (routing/sawing)
Windows® user interface

Options

Manual loading (without shuttle)
Single or Twin-Spindle (2 x shank- or saw-tool)
Quick-tool easy demountable jig, PCB vacuum-fixation
Broken bit control
Automated tool change
Manual barcode / data matrix reading
Automation for batch processing (load / unload)
Software modules

Traceability interface
PCB pass / rejects processing
Remote service

Vision system for automated object recognition

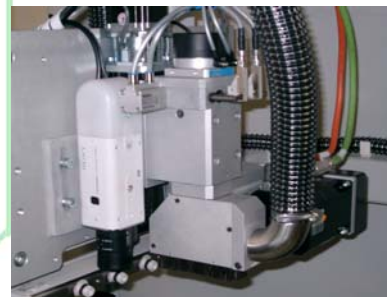
CE, ESD, EMC, accident prevention

The machine meets viable rating of local safety regulations.

Operating stand-by capability > 98 %

Machine qualifying references

V-Cut Pro Saw-Unit



**Mechanical
Engineering**

**Tool
Manufacture**

**Air Bearing
Technology**



**Systemtechnik
Hölzer GmbH**

Systemtechnik Hölzer GmbH
Westerbachstraße 4
D - 61476 Kronberg i. Ts.
Germany

Tel.: + 49 (0) 6173 - 9249 - 21
Fax.: + 49 (0) 6173 - 9249 - 27

www.hoelzer.de
info@hoelzer.de