

startech cn



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nc universal drilling and grooving machine

FLEXIBLE:

IDEAL SOLUTION FOR TAILORED PRODUCTIONS

No operator's intervention for the worktable and machine set-up according to the panel dimensions.

HIGH PERFORMANCE:

Tooling and machining operations reduced to the minimum, with 25 m/min axes speed.

COMPACT:

VERY REDUCED MACHINE OVERALL DIMENSIONS

With its 4 m² overall dimensions, it can be installed in reduced spaces.

AT EVERYBODY'S REACH

Easy-to-use machine and for every investment capability.

MADE IN ITALY





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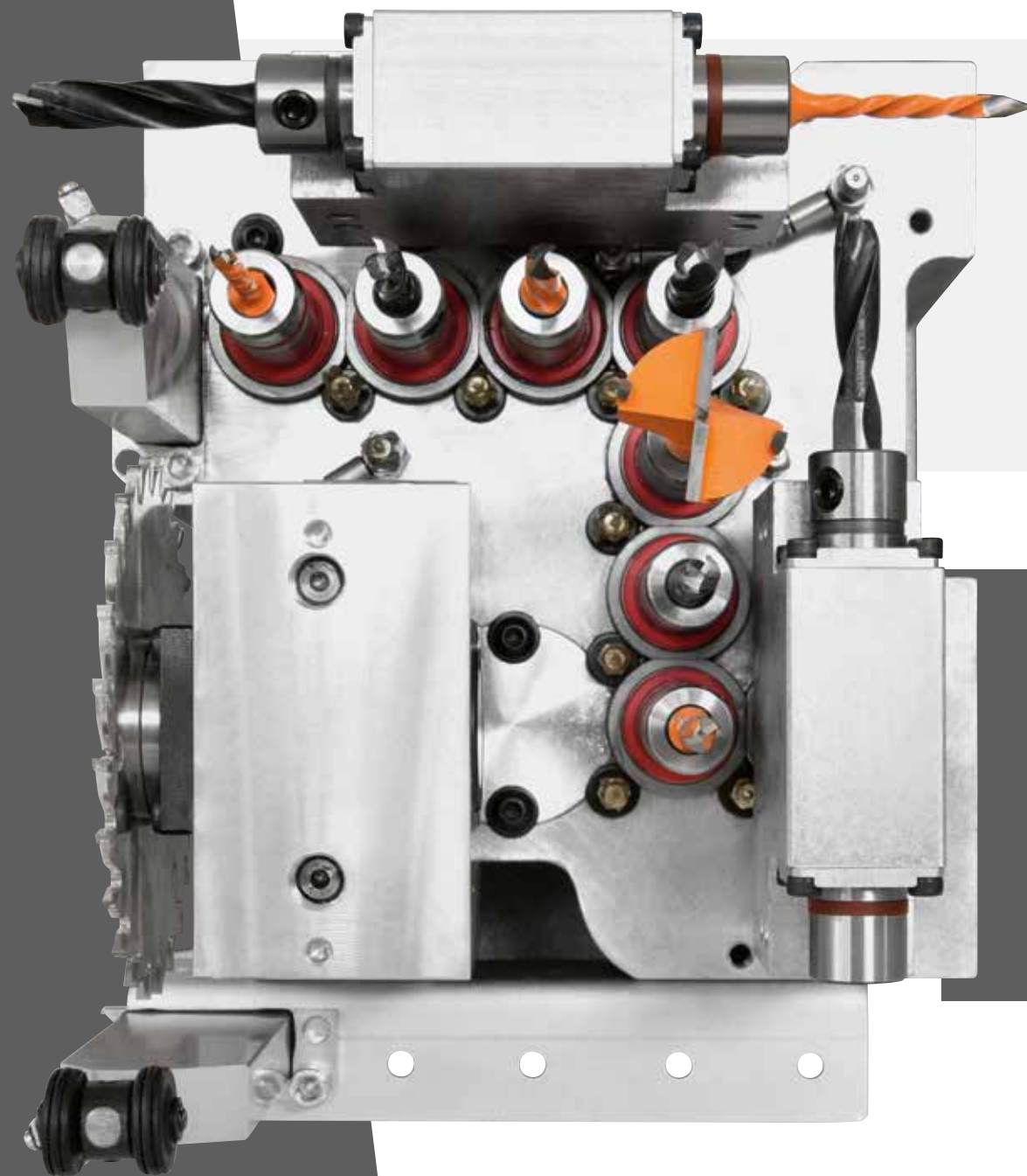
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THE NEW NC UNIVERSAL DRILLING MACHINE FOR WOODWORKING SHOPS AND CRAFTSMEN

The 7 independent vertical spindles, the spindle and the blade in "X" and the possibility to drill in "Y", make the drilling head flexible and ideal for batch-one furniture productions.

EFFECTIVE

The drilling head positioned above the panel allows a precise machining which can be verified in the panel assembly phase: in fact the system uses the outside of the panel as a reference and thus any differences in thickness are on the inside of the cabinet. Furthermore the positioning of the drilling head always upper the working chips and dust grants a better cleaning and a reduced maintenance.



“EASY MOTION” WORK TABLE

Easy loading and sliding of panels due to the front and rear support rollers. The right and left guides and the central side-alignment device facilitate accurate machining utilizing the 2 stop arrangement similar to that used on high end CNC's.



VERSATILE

Finished furniture elements can be produced without having to adjust the bits and with no operator's intervention for the worktable and machine set-up according to the panels dimensions.



EASY AND INTUITIVE

NC control with 7" colour touch-screen display and self-diagnosis/signaling system of errors or damages. Head tooling and machining cycle programming without using any mouse or keyboard and with automatic optimization.

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xilog maestro software

MAESTRO SOFTWARE BY SCM GROUP

Startech CN has the possibility to import and export the drilling programs, even when created with a CAD/CAM software in the office, through USB key (N. B. Post processor not included).

Furthermore the Maestro software by SCM (option) allows to create projects and geometrical drawings to be automatically converted in drilling programs for the machine.



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EXTREMELY QUICK AND SIMPLE

With a simple “click” of the barcode reader (option), it is very rapid and simple to recall drilling program, correctly stored in the machine control. Optimal device to integrate the Startech CN inside the Netline panel working cells.

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Axes

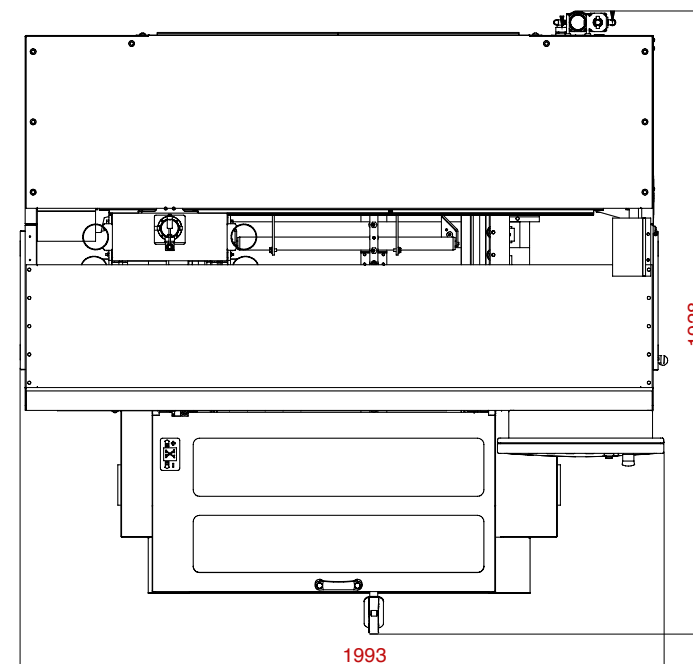
Maximum panel dimensions X-Y-Z	mm	3050 x 800 x 50
Minimum panel dimensions X-Y-Z	mm	300 x 90 x 10
Drilling/Grooving working area	mm	0 x 800/0 x 800
X axis stroke	mm	825
X-Y maximum axes speed	m/min	25

Drilling head

Vertical spindles	no.	7 (4X-4Y one of them is shared)
Horizontal spindles (along Y axis)	no.	2 (1+1)
Horizontal spindles (along X axis)	no.	1
Fixed integrated blade (cutting into direction)		X
Blade diameter	mm	125
Maximum blade thickness	mm	6
Motor power	kW (hp)	2,2 (3)
Spindles rotation speed	rpm	4460
Blade rotation speed	rpm	5700

Installation

Electrical supply	V (Hz)	380 / 400 (50 / 60)
Installed motor power (minimum)	KVA	4,5
Air pressure	bar	6,5
Compressed air pressure	NI/cycle	90
Extraction air consumption	m3/h	815
Exhaust air speed	m/sec	20
Exhaust outlets diameter	mm	120



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In this catalogue the machines are shown in CE configuration and with options. We reserve the right to modify technical specifications without prior notice, provided that such modifications do not affect safety as per CE norms.





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