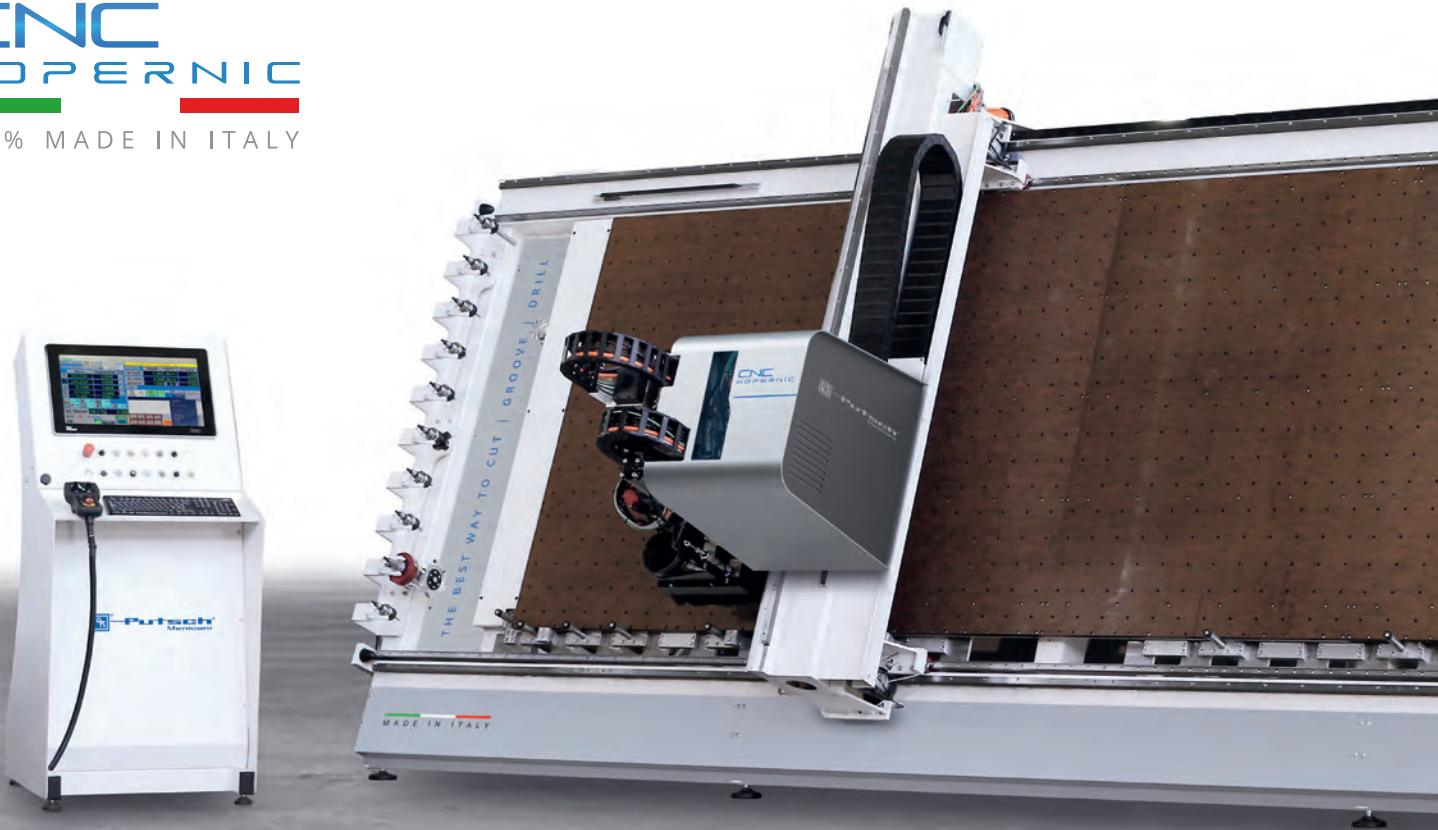# Putsch®

The best way

to cut | groove | drill

CNC KOPERNIC

100% MADE IN ITALY

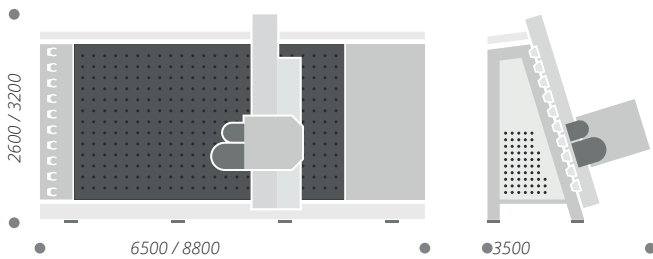TECHNOLOGY | RELIABILITY | INNOVATION

CNC
KOPERNIC
100% MADE IN ITALY

THE BEST WAY TO CUT | GROOVE | DRILL

MADE IN ITALY

CNC KOPERNIC VERTICAL MACHINING CENTER

The right CNC which allows to process various kinds of panels while saving space in the workshop. More flexibility and higher performances allows users to increase productivity and avoid dead times.

NESTING
It allows to create different parts of an item by an optimized process on a single panel. Substantial waste reduction with shorter processing times.

DRILLING
The automatic tool changer with 10 different position makes it so that you can perform different kinds of drilling styles both with standard tools and with special ones.
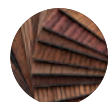
V-GROOVING
The V-Grooving operation is improved thanks to the 10 position tool changer where several types of cutters can be stored.

2600 / 3200

6500 / 8800

3500

vertical machining center dimensions

4200 / 6500

1600 / 2200

100
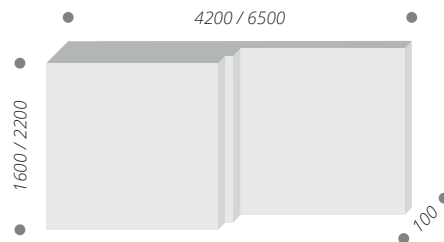
processing capacity

PROCESSING MATERIALS
CNC Kopernic is designed for the processing of:

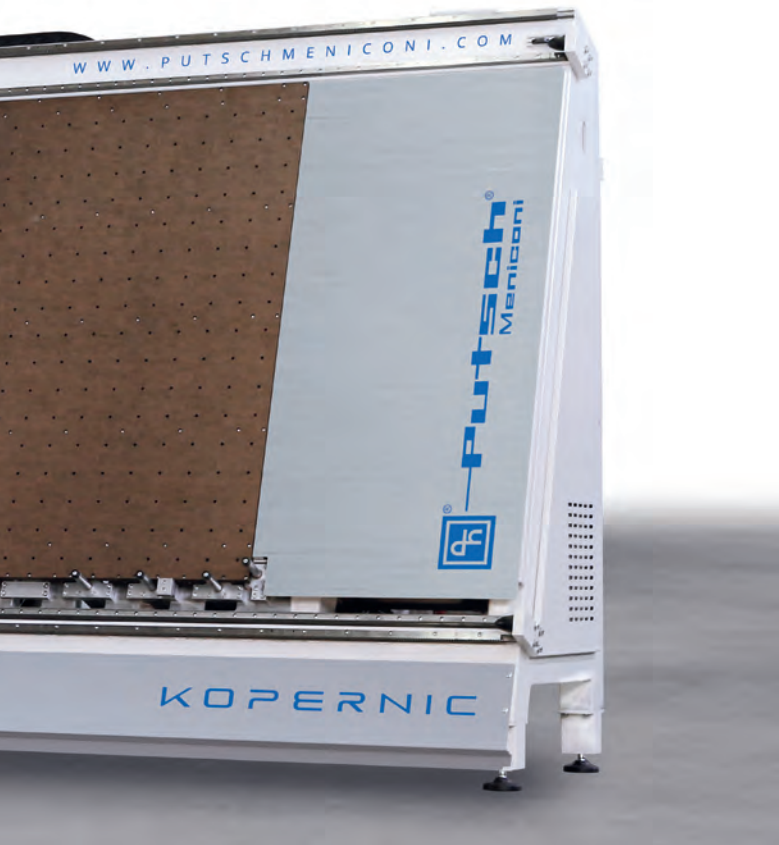Wood panels   Composite Materials   Trespa®   Insulated Panels   Corian®   Plasterboard   Plastics Materials

TECHNICAL DETAILS

|	
Working area	mm: X 4200 / 6500 - Y 1600 / 2200 - Z 100 inches: X 165.4/ 255.9 - Y 62.9 / 86.6 - Z 3.9
Overall dimensions	mm: 6500 / 8800 x 3500 x 2600 / 3200 inches: 255.9 / 346.5 x 137.8 x 102.4 / 125.9
Axis speed	X 45 - Y 30 - Z 15 m/min
Working table	Vacuum zone with MDF sacrificial panel - 8 locking areas selectable from UI
Vacuum pump	250 m^3/h - 6 Kw
Second vacuum pump (optional)	250 m3/h - 6 Kw
Electrospindle	8 Kw - cone ISO 30 - Clamp ER32
Option	C Axis (for aggregates)
Tool changer	Automatic
Tool storage	10 positions
Positions for aggregates	10 positions
Blade diameter /Cutter aggregate	150 mm
Option electro-spindle cutter / blade *O*	5.5 Kw. - blade / cutter diameter 200 mm
Guides lubrication	Automatic
Total weight	Approx. 2900 Kg Approx. 6,394 lbs.
Absorbed power	19 Kw (OPT. 25 Kw)

Automatic Spindle change
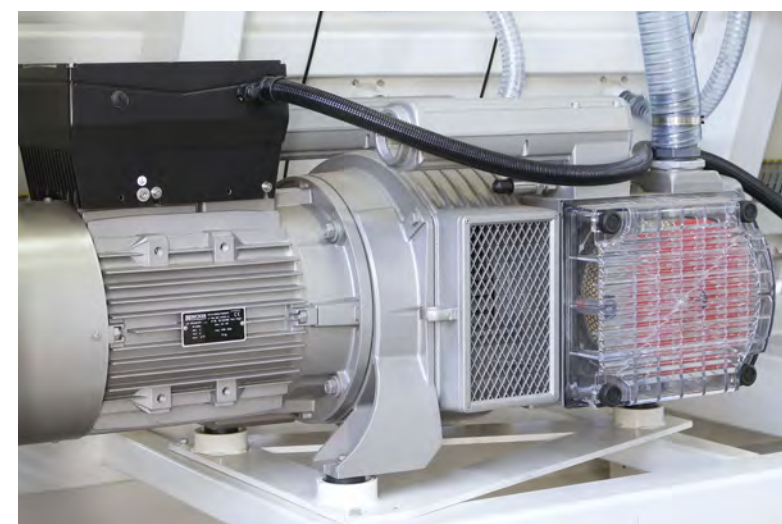
SOFTWARE
DESIGN AND FUNCTIONALITY

MACHINE STATUS

Operator control panel. Machine status selection mode. Viewable all data processing. Axes position and machining parameters, working speed, rapid speed, spindle rotation speed.
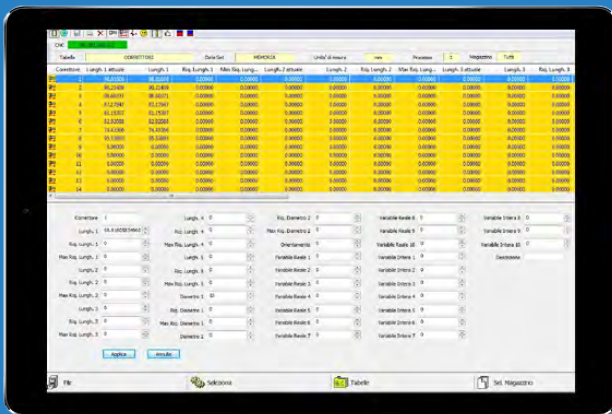

MACHINE SETTING AND ACTIVATION

Operator control panel. Setting page for sacrificial panel dimensions and manual movement of the machine's functional elements. Activation of spindle heating programs. Tool changer reset.
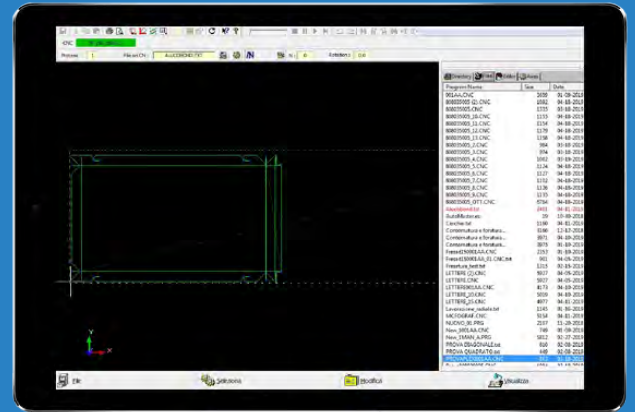

TOOL PARAMETERS

Tool table with characteristic parameters

EXECUTION CHECK

Operator panel. Machining simulation. Tool path display and progression of the work in progress

Putsch® and Company, Inc.

354 Cane Creek Rd. Fletcher, NC 28732

www.putschusa.com | panelpro@putschusa.com

Technical details and pictures are only indicative. The manufacturer reserves the right to carry out modifications without prior notice.