

# LEPUS - II

CNC ACP Processing Machine (4 Axis)

PRODUCT WEB LINK

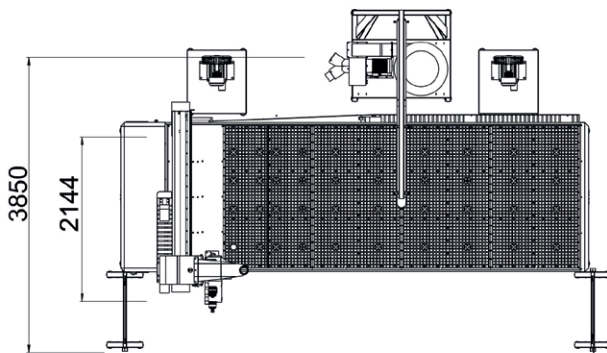
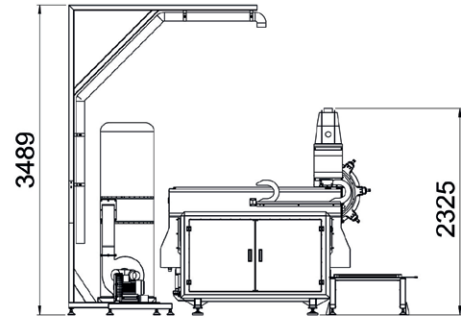
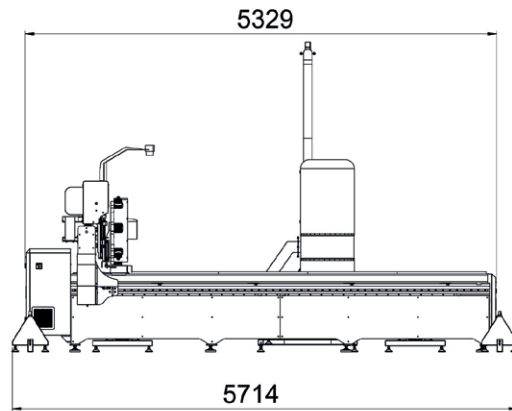


YouTube



WEB

The 4-Axis CNC controlled panel processing machine LEPUS - II is intended for cutting, v-channel opening and similar operations on various composite panels and plates. Thanks to its unique automatic tool replacement system, the machine reduces set replacement time to 2.5 seconds and minimizes the time loss with tool replacement process. In addition, the machine enables processing of wooden, plastic and various materials by replacement of the milling cutter.



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CNC ACP Processing Machine (4 Axis)

## MACHINING LENGTHS

X Axis (Longitudinal)	4000 mm
Y Axis (Lateral)	1600 mm
Z Axis (Vertical) – without tool	250 mm
Insertable Panel Dimensions Min./Max.	500 x 300 mm / 4000 x 1600 mm

## POSITIONING SPEED

X Axis (Longitudinal)	55 m/min
Y Axis (Lateral)	55 m/min
Z Axis (Vertical)	15 m/min
B Axis (Rotational Movement)	10°/sec

## SPINDLE MOTOR

Motor Quantity	4 pcs
Motor Power	3 kW
Motor rotation speed	18000 rpm
Tool Holder	ER 20
Cooling Type	Elektro Fan

## TOOL DIAMETER

Carbide Milling Cutter	5 mm
Grout Milling Cutter	10 mm

## DUST EXTRACTION MOTOR (VELA)

Motor Power	3 kW
Motor Rotation Speed	3000 rpm
Air Flow	700 m3 / h

## VACUUM MOTOR X 2

Motor Power	7,5 kW
Motor Rotation Speed	3000 rpm

## CONTROL UNITS

CNC control unit	●
Data transfer from PC via CF card, USB flash drive or remote network connection	●
Industrial PC - Touch Screen	15" HMI

## AIR - ELECTRIC

Voltage	400 V
Maximum Power	38 kW
Frequency	50 - 60 Hz
Pressure	6-8 bar

## OPERATIONAL AREA

Dust Extraction System	●
External Button Controlled Vacuum Zones/ Vacuum in independent areas / 5 Areas	●
Automatic Tool Length Measurement	●
X and Y Axis Reference Stop / 5 Pcs	●
Handwheel Control For Manual Movement And Adjustments	●
Laser Safety Barrier	●
Metal Barriers On Three Sides Blocking Access To The Work Area	●
Spare Cutting Tools	○
Spare Tool Holder Pens	○
Lubricated Vacuum Pump	○
2D and 3D Geometry Processing Capability With Alphacam CAD/CAM Software	○

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