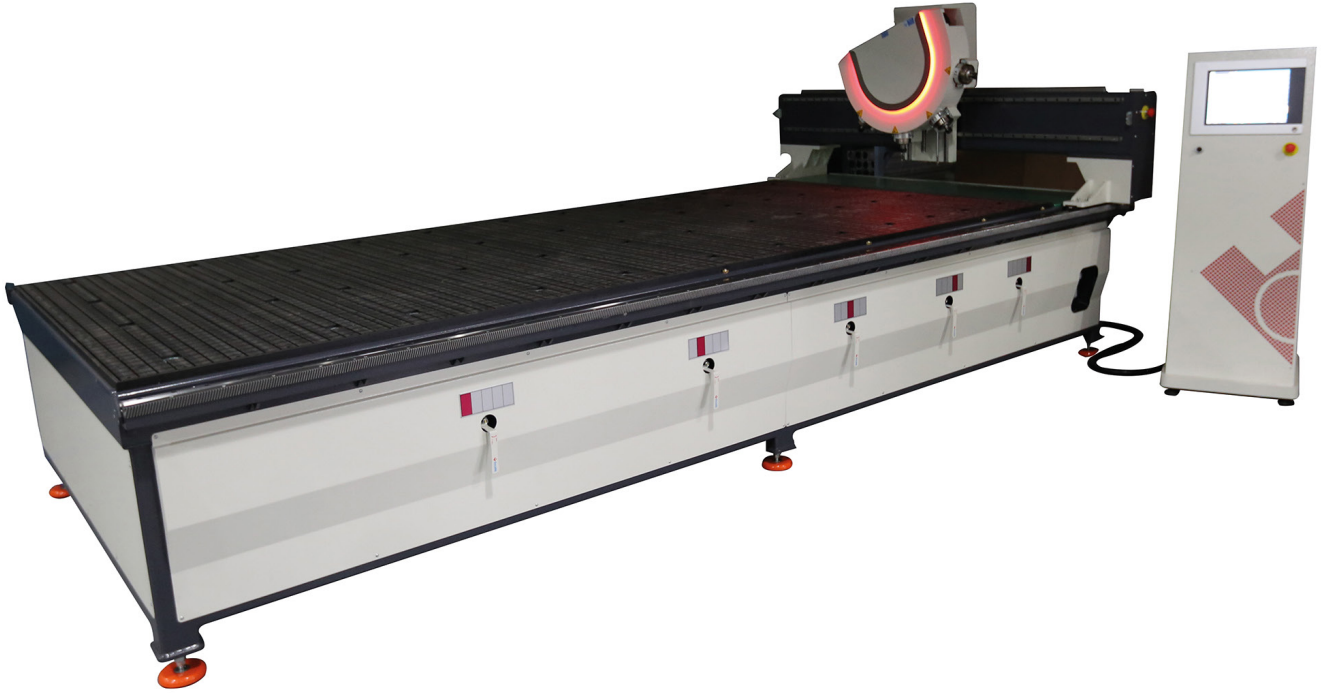
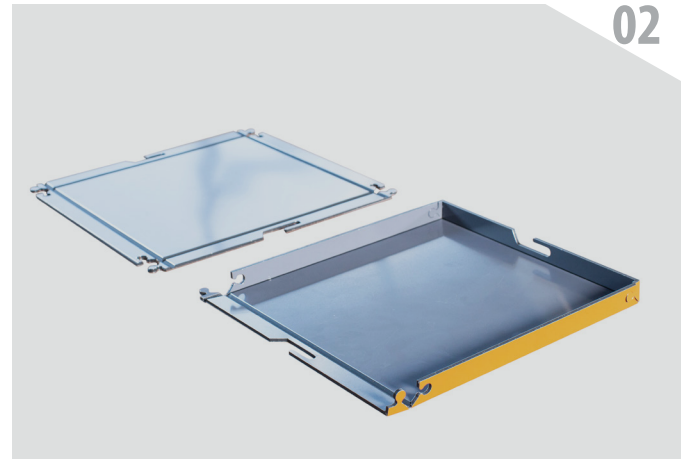
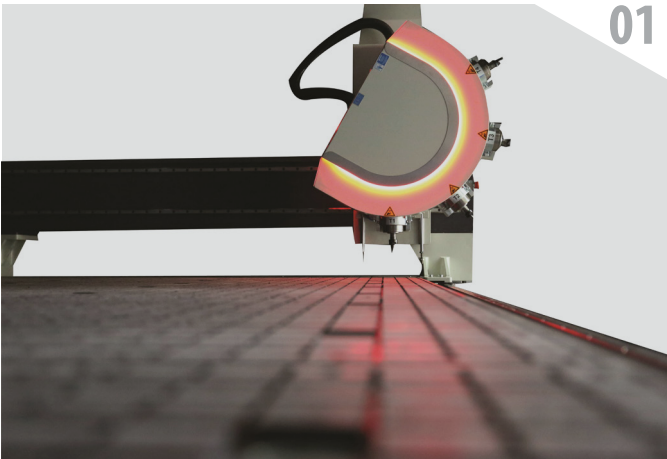


# LEPUS - II

CNC Controlled Aluminum Composite Panel Processing Machine -  
Automatic Tool Replacement (3 Axis)



The 3-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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## FEATURES

- » Composite plate fixing and superior processing quality with strong vacuum
- » CNC based control system
- » Vacuuming in independent sections
- » Processing wooden and plastic plates by replacement of milling cutter
- » 2D CAD CAM graphics and optimization software
- » Ideal vacuuming with air channels on polyethylene board
- » Data transfer over remote network connection, Ethernet and USB
- » Remote access
- » Automatic milling cutter length reset
- » External dust vacuuming system
- » Touchscreen
- » Protection against sawdust in working area with proprietary dust absorption system
- » Long lasting electro-static paint
- » Steel frame with tension resistance, high accuracy processing
- » Long service life with low mechanical cavity
- » Special vacuum circuit designed for local vacuum delivery
- » Special automatic alignment system which enables easy material reset
- » Proprietary tool replacement system preventing time loss
- » Tools replacement in 2.5 seconds
- » Tool replacement magazine: capacity for 4 independently operating air cooled spindle motors
- » Pneumatic system maintenance unit

## OPERATIONAL EQUIPMENT

- » Polyethylene board with channels
- » Safety shield for polyethylene board with channels
- » Automatic vacuuming system
- » Vacuuming in independent sections
- » Vacuum pump (700 m<sup>3</sup>/h)
- » Automatic tool replacement
- » Tool set
- » Tactile tool reset on Z axis
- » Automatic alignment system
- » 2D CAD CAM graphics and optimization program
- » Cutters (4 pcs)
- » FRL
- » Special cutter tools
- » Special cutter tool connections
- » Optional length

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○ Optional

• Included

1000 m<sup>2</sup>

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## AXIAL DISTANCES

X Axis (Longitudinal)	1860 mm
Y Axis (Lateral)	4000 mm
Z Axis (Vertical)	110 mm

## POSITIONING SPEED

X Axis (Longitudinal)	120 m/min
Y Axis (Lateral)	120 m/min
Z Axis (Vertical)	30 m/min

## SPINDLE

Max. Rotation Speed	24000 rpm
Tool Holder	ER20
Power	3.2 kW
Cooling Type	Air

## AIR

Pressure	6-8 bar
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## ELECTRICAL

Power	20 kVA
Voltage	400 V 3~
Frequency	50-60 Hz

## DIMENSIONS

Length	±4700 mm
Width	±3100 mm
Height	±2100 mm
Weight	±2300 kg

