

LEPUS - II

CNC Aluminum Composite Panel Processing Machine (3 Axis) - 4 m

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.

LEPUS - II L

CNC Aluminum Composite Panel Processing Machine (3 Axis) - 7 m

MACHINING LENGTHS

X Axis (Longitudinal)	1600 mm
Y Axis (Lateral)	4000 mm
Z Axis (Vertical) – without tool	200 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.

TOTAL POWER CONSUMPTION

18 kW

SPINDLE

Power	7.5
Maximum rotation speed	18000 rpm
Tool Holder	ISO 30
Cooling Type	Elektro Fan

POWDER SUCTION

Power	3 kW
Engine rpm	3000 rpm

VACUUM PUMP

Power	7.5 kW
Engine rpm	3000 rpm

CONTROL UNIT

CNC control	●
Remote access	●
Data transfer over remote network connection, Ethernet and USB	●

OPERATIONAL AREA

Dust extractor	●
Vacuuming independent sections	●
Number of vacuum tables	6
Automatic tool length measurement	●
Operate with double stations	-
Pneumatic reference stop for panel positioning along X axis	1
Pneumatic reference stops for panel positioning along Y axis	4
Photoelectric barrier system to protect access to work zone	○
Metal fence protecting three sides	●

● Standard ○ Optional