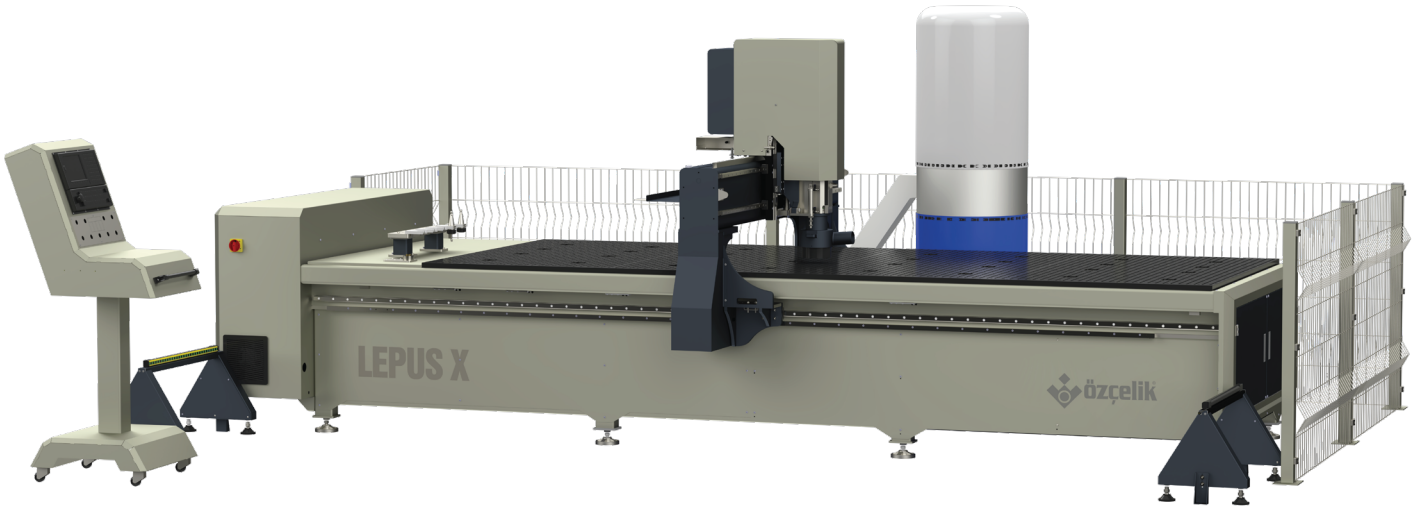
LEPUS - X

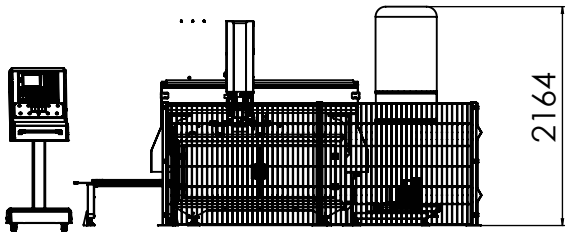
CNC ACP Processing Machine (3 Axis)

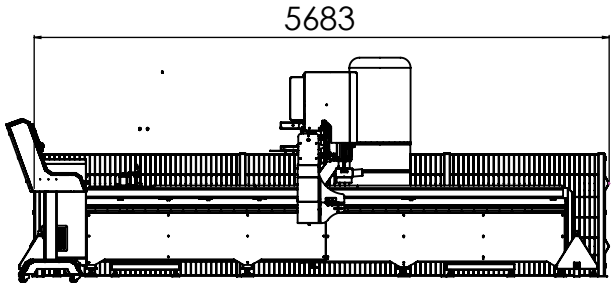


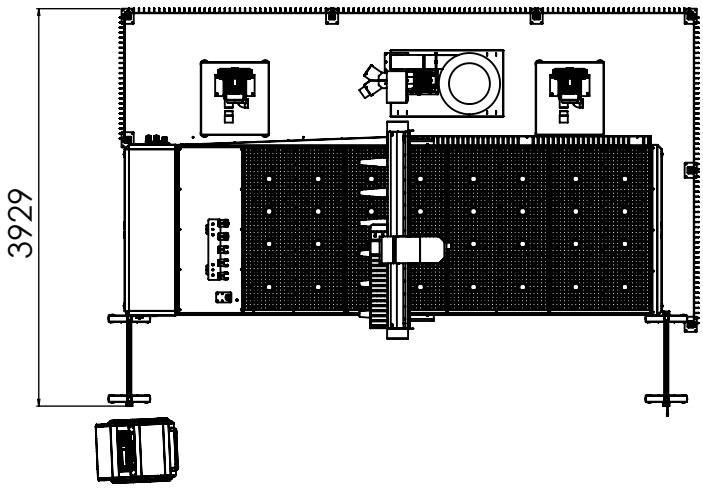
YouTube

WEB

The 3-Axis CNC controlled panel and profile processing machine LEPUS - X is developed to cut v - channel opening and similar operations on various composite panels and plates. Thanks to its automatic tool magazine system with capacity for 5 tools, LEPUS -X saves time when switching to different operations. In addition, LEPUS X enables processing of aluminum, wooden, plastic and various materials by replacement of the milling cutter.







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LEPUS - X

CNC ACP Processing Machine (3 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
SPINDLE MOTOR	
Motor Power	9.5 kW
Motor rotation speed	24000 rpm
Tool Holder	ISO 30
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 (VELA)	●
Dust Extraction System (VELA Plus)	○
External Button Controlled Vacuum Zones/ Vacuum in independent areas	●
Automatic Tool Length Measurement	●
X and Y Axis Reference Stop	●
Handwheel Control For Manual Movement And Adjustments	●
Laser Safety Barrier	●
Metal Barriers On Three Sides Blocking Access To The Work Area	●
Spare ISO 30 Tool Holder	○
Spare Tool Holder Pens	○
Lubricated Vacuum Pump	○
Maximum tool storage system number	5
Alphacam CAD/CAM Software	●

● Standard ○ Opsiyonal

Özçelik Makina continuously improves its products and offers new and modern solutions for PVC and Aluminum Profile Processing. Accordingly, Özçelik reserves the right to change the information in this document without notice.
All dimensions and weights are reference values. Valid from January 2025