

LEPUS - XL

CNC ACP Processing Machine (3 Axis) - 7 m

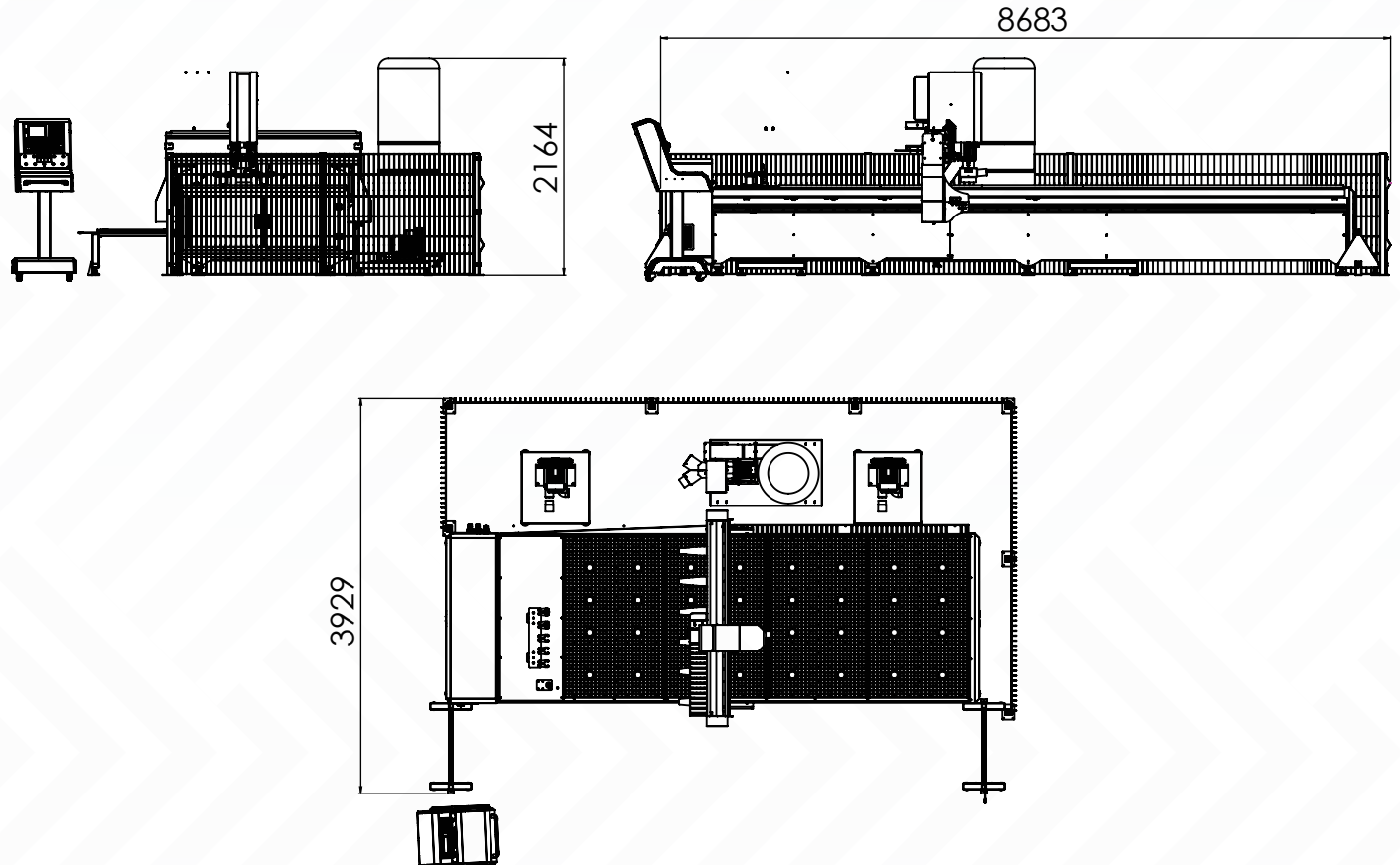


YouTube



WEB

The 3-Axis CNC controlled panel and profile processing machine LEPUS - XL 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 -XL saves time when switching to different operations. In addition, LEPUS - XL enables processing of aluminum, wooden, plastic and various materials by replacement of the milling cutter.



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MACHINING LENGTHS

| | |
|---------------------------------------|-------------------------------|
| X Axis (Longitudinal) | 7000 mm |
| Y Axis (Lateral) | 1600 mm |
| Z Axis (Vertical) – without tool | 250 mm |
| Insertable Panel Dimensions Min./Max. | 500 x 300 mm / 7000 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 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 | ○ |
| Lubricated Vacuum Pump | ○ |
| 2D and 3D Geometry Processing Capability With Alphacam CAD/CAM Software | ● |
| Maximum tool storage system number | 5 |

● Standard ○ Opsiyonal