OZ MACHINE USA

LEPUS X

CNC ACM Panel Processing Machine (3 Axis)



Cuts, opens V-grooves and performs similar operations on composite panels and sheets. The 5-tool automatic magazine saves time between operations, and changing the cutter lets it machine aluminum, wood and plastic.

157.5 × 63"	9.5 kW	5 tools	180 ft/min
Max. panel size	Spindle, 24,000 rpm	Automatic magazine	X / Y positioning

KEY FEATURES

- Zoned vacuum table, 2 × 7.5 kW vacuum motors
- Automatic tool length measurement
- Laser safety barrier, X and Y reference stops
- VELA dust extraction, 412 CFM
- 15" HMI touchscreen, USB and network transfer

WATCH IT RUN

LEPUS X video on the Oz Machine USA YouTube channel
youtu.be/-cmqGFzWOB4

Max. power	Spindle	Voltage	Air
38 kW	9.5 kW · ISO 30	220V 3P, 60 Hz	100 psi

TECHNICAL DATA

LEPUS X

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MACHINING LENGTHS

X Axis (Longitudinal)	157.5" (4000 mm)
Y Axis (Lateral)	63.0" (1600 mm)
Z Axis (Vertical)	11.8" (300 mm)

POSITIONING SPEED

X Axis (Longitudinal)	180 ft/min (55 m/min)
Y Axis (Lateral)	180 ft/min (55 m/min)
Z Axis (Vertical)	33 ft/min (10 m/min)

SPINDLE

Maximum power	9.5 kW
Maximum rotation speed	24,000 rpm
Tool holder	ISO 30
Cooling type	Fan cooled

TOOL STORAGE

Automatic tool magazine	●
Number of tools in the magazine	5

OPERATIONAL AREA

Maximum panel size	157.5" x 63.0" (4000 x 1600 mm)
Vacuum table with independent zones	●
Vacuum motors	2 x 7.5 kW
Pneumatic reference stop for panel positioning along X axis	1
Pneumatic reference stops for panel positioning along Y axis	4
Automatic tool length measurement	●
Automatic lubrication in machining area	○
Operate with double stations	●
Laser safety barrier to protect access to work zone	●
Metal fence protecting three sides	●
Safety cabinet over machining head	○
VELA dust extractor	412 CFM (700 m³/h)
Smart CAM post processing	●

CONTROL UNIT

Touchscreen	HMI, 15"
Remote Access	●
Data transfer via Ethernet and USB	●
Barcode reader	○

AIR & ELECTRICAL

Maximum power	38 kW
Voltage	220V 3P, 60 Hz
Air pressure	100 psi

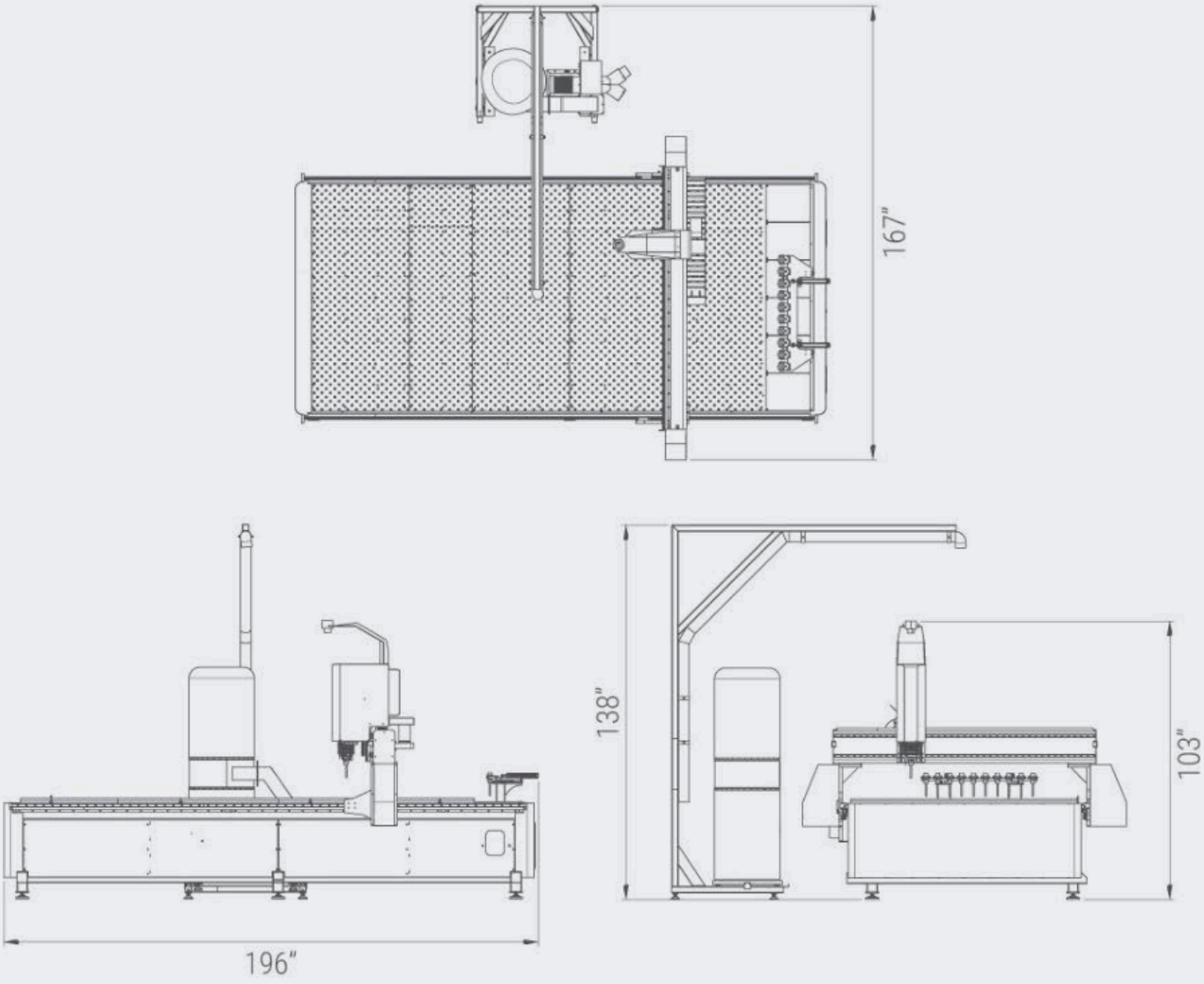
● Standard ○ Optional

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LAYOUT PLAN



Dimensions in inches. Top, front and side views.

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Product data, descriptions and illustrations may change without prior notice.