OZ MACHINE USA

GARNET XS4

CNC Profile Machining Center (4 Axis)



A 4-axis machining center whose spindle works at any angle between 0° and 180°. It handles aluminum, PVC / vinyl, light alloys and even steel, with a machining capacity of 12.6" x 10.0", and its double linear-guide bridge keeps machining rigid and precise.

0–180°	**5.6 kW**	**8 tools**	**118"**
Spindle angle	Spindle, 20,000 rpm	Linear tool magazine	X-axis travel

KEY FEATURES

- + Machines aluminum, PVC / vinyl and light steel
- + Liquid-cooled HSK F50 spindle
- + FANUC CNC control, Camquix CAM included
- + Machining capacity 12.6" x 10.0"
- + Automatic tool measuring
- + Automatic clamp positioning on X axis

WATCH IT RUN
GARNET XS4 video on the Oz Machine USA YouTube channel
youtu.be/x2KJEf3XZqQ

Max. power	Voltage	Speeds	Air
8 kW / 21 A	220V 3P, 60 Hz	295 / 197 / 66 ft/min	100 psi

TECHNICAL DATA

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MACHINING LENGTHS

X axis (longitudinal)	118.1" (3000 mm)
Y axis (lateral)	12.6" (320 mm)
Z axis (vertical)	10.0" (255 mm)
A axis (head rotation)	0°–180°

POSITIONING SPEED

X axis (longitudinal)	295 ft/min (90 m/min)
Y axis (lateral)	197 ft/min (60 m/min)
Z axis (vertical)	66 ft/min (20 m/min)
A axis (rotation)	166°/sec

SPINDLE

Maximum power	5.6 kW
Maximum rotation speed	20,000 rpm
Tool holder	HSK F50
Cooling	Liquid

TOOL STORAGE

Automatic linear-type tool magazine	●
Maximum number of tools	8
Maximum saw blade diameter in the magazine	6"
Automatic tool measuring	●

TAPPING CAPACITY

With compensating tapping head	M8

PROFILE POSITIONING

Right and left pneumatic profile reference alignment	●

CONTROL UNIT

FANUC CNC control	●
Industrial PC touchscreen	15"
Barcode reader	●
Camquix CAM program	●
CadXtract CAD-CAM production program	○

OPERATIONAL AREA

Clamps, standard	4
Clamps, maximum	6
Automatic clamp positioning on X axis	●
Automatic lubrication system	●
Cabin protecting the machining zone	●
Side tunnels	○

AIR & ELECTRICAL

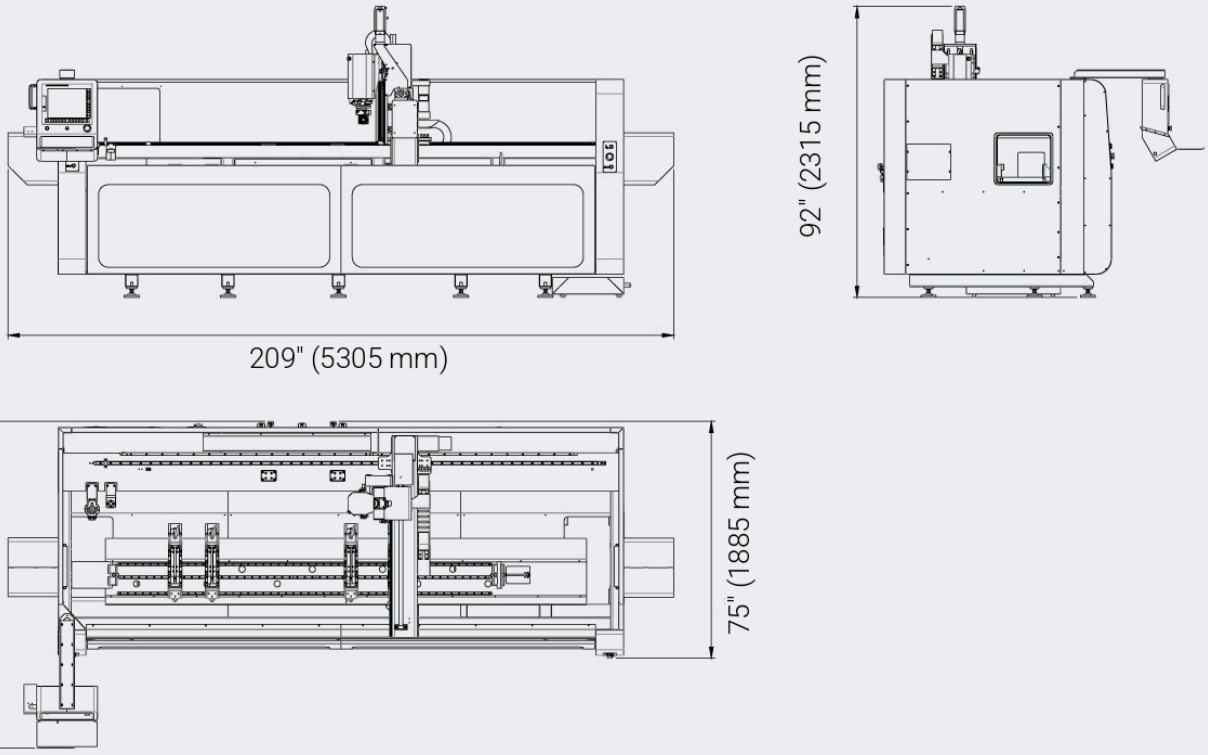
Maximum power / current (220V)	8 kW / 21 A
Voltage	220V 3P, 60 Hz
Air pressure	100 psi

● Standard ○ Optional

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LAYOUT PLAN



Dimensions in inches (millimeters). Front, side and top views.

OZ MACHINE USA
2690 West 3rd Court, Hialeah, FL 33010
+1 833-390-0060 (toll-free) · sales@ozmachineusa.com

USA · CANADA · MEXICO

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