

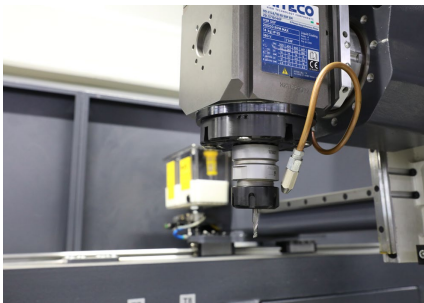
GARNET XS4

CNC Controlled Profile Machining Center (4 Axis)



FEATURES

The 4-axis CNC machining center, GARNET XS 4, boasts a versatile spindle that tackles a wide range of materials, including aluminum, PVC, light alloys, and even steel. With its ability to operate between -90° and $+90^{\circ}$, the **GARNET XS 4** tackles profiles of various sizes. This all-in one powerhouse streamlines milling, drilling, marking, and end milling for diverse materials, excelling at both standard and non-standard operations. An impressive working area of $13 \frac{3}{8}'' \times 10 \frac{1}{16}''$ (340 mm x 255 mm) further enhances user experience by enabling efficient processing.



By focusing on providing convenient solutions for customers, and combining power and precision, GARNET XS4 lets the processing capacity be only limited by the users imagination, thanks to the 5.6 kW spindle motor with automatic tool replacement feature.



Thanks to its built-in automatic magazine with capacity for 8 tools, GARNET XS4 saves time when switching to different operations. The GARNET XS4, which positions its clamps fully automatically using the X-axis, completely takes on the user's workload.



Double-Linear Guide bridge systems are more rigid and durable compared to single-Linear Guide bridge systems allows for more precise processing of the profiles.

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MACHINING LENGTHS

X Axis (Longitudinal)	118 1/8" (3000mm)
Y Axis (Lateral)	13 3/8" (340mm)
Z Axis (Vertical)	10 1/6" (255mm)
A Axis (Head rotation movement)	-90° / +90°

POSITIONING SPEED

X Axis (Longitudinal)	295 ft (90m) / min
Y Axis (Lateral)	196 ft (60m) / min
Z Axis (Vertical)	65 ft (20m) / min
A Axis (Rotational Movement)	166°/sec

AIR

Pressure	100 psi
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ELECTRICAL

Maximum Power	8 kW
Voltage	220V 3Phs, N, PE AC
Frequency	50-60 Hz

SPINDLE

Maximum Power	5.6 kW
Maximum rotation speed	20.000 r.p.m.
Tool holder	HSK F50
Cooling type	Liquid

TOOL STORAGE

Automatic Linear Type Tools Magazine	●
Maximum tool storage system number	8
Maximum saw blade diameter in to the storage system	5 15/16" (150mm)
Automatic Tools Measuring	●

SCREW-CUTTING CAPACITY

M8 - with compressed tapping head	○
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PROFILE POSITIONING

Right and Left pneumatic profile reference alignment	●
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● Included ○ Optional

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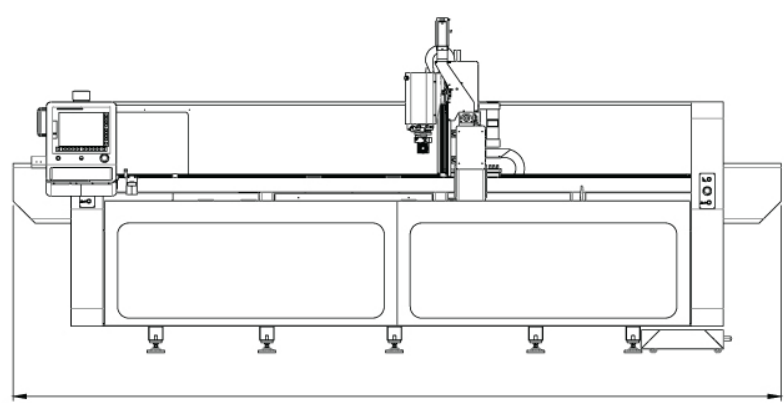
CONTROL UNIT

Industrial PC – Touchscreen	15"
Barcode reader	●
Camquix CAM program	●
CadXtract CAD-CAM Production program	○

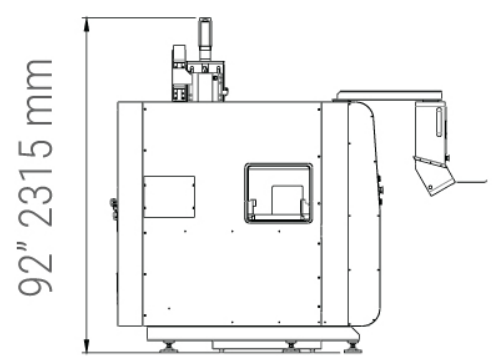
OPERATIONAL AREA

Clamps, standard pcs	4
Clamps, maximum pcs	6
Automatic clamp positioning with the X-axis	●
Automatic lubrication in machining area	●
Cabinet providing protection in machining zone	●
Automatic lubrication system	○
Side tunnels	●

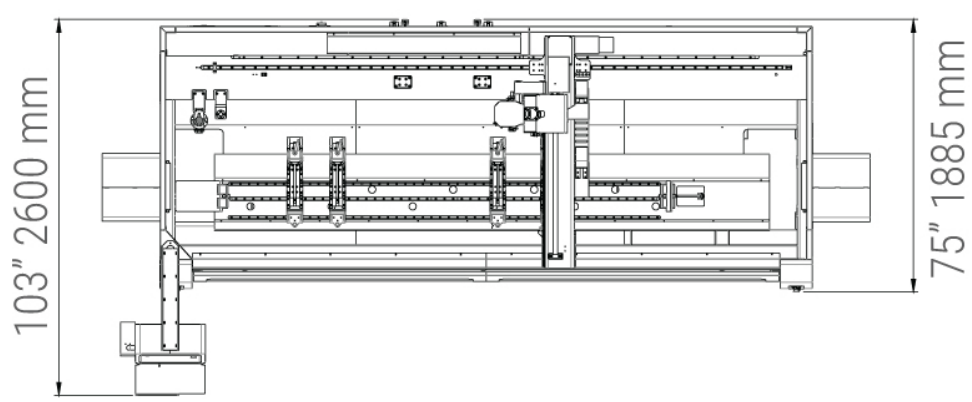
● Included ○ Optional



209" 5305 mm



92" 2315 mm



103" 2600 mm

75" 1885 mm

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