

GARNET R

CNC Profile Machining Center (4 Axis)



PRODUCT WEB LINK



WEB

The GARNET R is a 4-servo-axis profile machining machine. Thanks to its servo-controlled table rotation system, it is capable of machining at any angle between -90° , 0° , and $+90^{\circ}$. Equipped with a 3.5 kW spindle motor, it is designed to perform a wide range of operations on profile surfaces, including milling, drilling, slotting, and other multi-functional processes, accurately and efficiently in a single setup.



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MACHINING LENGTHS

X Axis (Longitudinal)	1200 mm
Y Axis (Lateral)	350 mm
Z Axis (Vertical)	320 mm
A Axis (Head processing angles)	-90° / 0/+90°
Maximum Machinable Profile Size	1200x140 mm

POSITIONING SPEED

X Axis (Longitudinal)	? m/dk
Y Axis (Lateral)	? m/dk
Z Axis (Vertical)	? m/dk
A Axis (Rotational Movement)	? /sn

AIR

Pressure	6-8 Bar
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ELECTRICAL

Maximum power	? kW
Voltage	400V 3P, N, PE AC
Frequency	50 Hz

SPINDLE

Maximum power	3.5 kW
Maximum rotation speed	18.000 r.p.m
Tool holder	ER 25
Cooling type	Fan

TABLE ROTATION ANGLE

Servo-Controlled Table Rotation Angle	-90° / 0/+90°
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PROFILE POSITIONING

Pneumatically Actuated Left Reference Stop	●
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CONTROL UNIT

Industrial PC - Touchscreen	10"
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OPERATIONAL AREA

Clamps, Standard Quantity	3
Clamp Positioning System	Manuel
Automatic Tool Cooling System	●
Dimensions	1950x1800x1500 mm

● Standard ○ Opsiyonal