KAMI WERKZEUGMASCHINEN | CNC PORTALFRÄSMASCHINE F3121 PRO

F3121 Pro

SPECIFICATIONS

Working table, mm	1300x1300, 1600x1600, 2600x1300, 2600x1600, 3100x1600, 3100x2100, 4100x2100
Axis Z	250 mm
Spindle	3.5 kW ER20 HQD (default) 4.5 kW ER20 HQD (option) 6.0 kW ER20 HQD (option)
Controller	Richauto B11 Richauto B18 (for Router with Rotary axis)
Variation speed	Up to 25 m/min
Positioning Accuracy	±0,05 mm
Working table material	Dense high-strength PVC and aluminum T-slot for mechanical clamping
Motors	Powerful NEMA34 stepper motors with gearbox Helical rack on the X, Y, ball screws 2005 on the Z axis
Guides	Precision prismatic guides Hiwin HGR20 (series of the increased loading capacity)
Sensor limits	Omron, Japan
Voltage	220 V 380 V - for vacuum pump

ADDL OPTIONS

- Rotary axis
- Extended travel on the Z axis
- Hybrid stepper motors or servo motors (up to 40m / min)
- Installation of 2 or more spindles
- Water circulating pump 5.5 kW or 7.5 kW (depending on the size of the working field)

KAMI GmbH - Eisenstraße 20 - 30916 Isernhagen
Telefon (+49) 511 - 519 312-0
www.kami-maschinen.de

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SPECIFICATIONS

Working Area	3100 x 2100 mm
spindle speeds	0 - 18000 U/min
rated capacity	HQD 4.5 KW
colletstyp	ER 20
movement longitudinal X	3100 mm
movement cross Y	2100 mm
movement in Z	250 mm
rapid feed X/Y/Z-axis	25 m/min
worksgitchwindigkeit min - max.	0 - 20 m/min
control system	Masso N3
weight	1.750,00 kg
dimensions	3600 x 2700 x 1700 mm