

Drilling and milling technology for highest precision

Precision
Power
High quality

VERTICAL MACHINING CENTER ***RV 601.24***



NEW



DIN EN ISO 9001:1994

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Technical Data

Type	RV 601.24
Working range	
Travel X/Y/Z-axis	600/400/600 mm
Distance spindle-table min./max.	90/690 mm
Cross table structure	
Clamping surface (w x d)	750 x 450 mm
5 T-slots (DIN 650) along X - axis	5 x 14 x 100 mm
1 Centered pilot T-slot	14 H7
Maximum table load	500 kg
Drive system	
Digital AC servo motors	
Maximum rapid travel X/Y/Z	40-40-30 m/min
Maximum acceleration	6 m/s ²
Maximum feed force X/Y/Z (25 % Power-On-Duration)	5-5-7 kN
Main spindle drive	
Highly dynamical AC-drive	
Tool clamping: ISO-Taper	DIN 69871 – A 40
Pull-stud	DIN 69872 – 19
Maximum drive power (25% Power-On-Duration)	13 KW
RPM range: variable	9000 min ⁻¹
Maximum torque (25% Power-On-Duration)	82 Nm
Rotary tool magazine [chain]	
Tool positions	24
Maximum tool diameter (fully loaded)	100 mm
Maximum tool diameter (neighbour positions unloaded)	200 mm
Maximum tool length with \varnothing 25 mm	350 mm
Maximum tool weight	4 kg
Tool change time approx.	3,9 s
Chip-to-chip time approx.	6 s
Length measuring system X-Y-Z	indirekt [direkt]
Positioning accuracy Tp acc. to VDI/DGQ 3441	0,015 [0,010] mm
Dimensions	
Height approx.	2785 mm
Width x depth approx.	2500 x 1780 mm
Machine weight approx.	3500 kg
CNC control	Fanuc 0i Mate-MC