

CNC vertical machining center WMC-5A-350 G

WMC 5A-350 G with Siemens control 828 DSL control

Best.-Nr.:520219

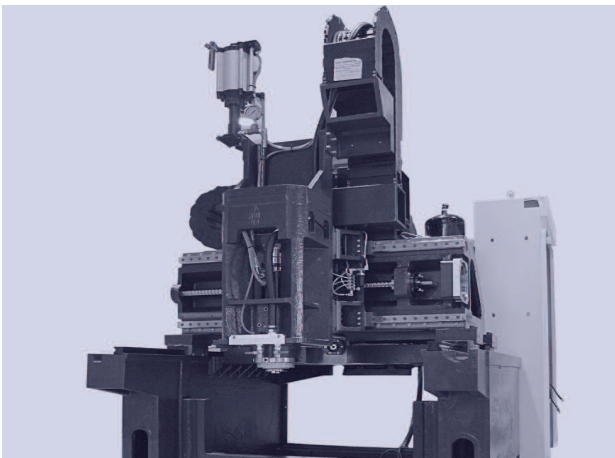


Technical specifications:

Table load max.	100 kg	Accuracy repetition	+/- 8 Sek.
Parts diameter / length	350 x 300 mm	B-axis swivel range	+/- 30/120 Grad
Longitudinal movement, X-axis	700 mm	Rapid traverse	16,6 U/min.
Lateral movement, Y-axis	450 mm	Minimum increment	0,001 Grad
Vertical movement, Z-axis	420 mm	Repeatability	+/- 6 Sek.
Distance spindle nose - table surface	150 - 570 mm	Maximum workpiece weight 60 - 90 degrees	100 kg
Spindle taper DIN 69871	SK 40	Number of magazine locations	32
Spindle speed, freely programmable		Tool holder DIN 69871A	SK 40
Speed range	80 - 10.000 U/min. Direct drive	Max. Tool diameter	77,5 mm
Drives and motors from Siemens		Max. Tool weight	4 kg
Spindle motor, digital from Siemens		Tool change time	2 sec.
S6 40%	10,5 kW	Chip-to-chip time	4 sec.
S1 100%	7 kW	Feed range X-, Y-, Z-axis	10.000 mm/min.
C-axis rotary axis:		Rapid traverse, X, Y, Z axes	48.000 mm/min.
table diameter	350 mm	Repeat accuracy VDI 3441	PS 0,010 mm
C-axis rotary table	360 Grad	Position accuracy VDI 3441	P 0,014 mm
T-slots number / width	4/12 mm H7	Connected load	45 KVA
Rapid traverse	25 U/min.	Machine weight	6.600 kg
Minimum increment	0,001 Grad	Dimensions L x W x H	1720 x 3200 x 2950 mm

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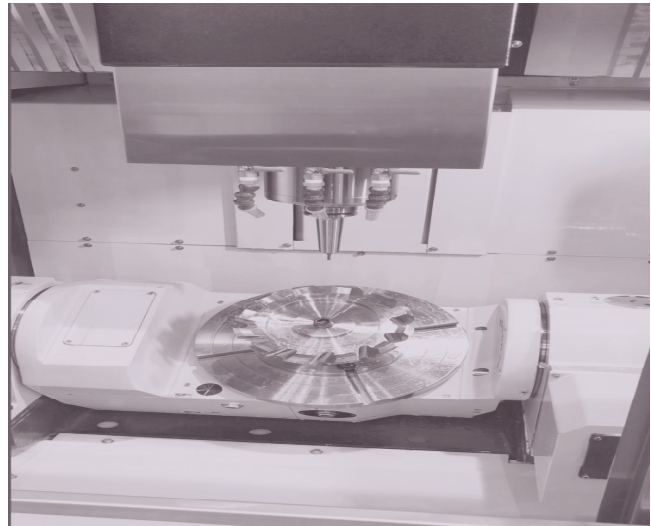
- Compact design
- Ergonomic handling
- Machining up to 300 mm
- Inline spindle
- Ergonomic traverse paths
- Fast tool changer



Gantry

Standard equipment:

- Table diameter 350 mm
- A-axis with counter bearing
- Heidenhain direct measurement for A-axis +/- 2 sec.
- 4th / 5th Axis as a unit
- 10,000 rpm spindle speed
- Direct drive (without toothed belt)
- 24 stations double arm tool changer
- Spindeloil cooler
- Linear guidance in all three axes
- Electronic handwheel, portable
- Covers in all 3 axes
- Chip conveyor (options) to the rear
- Machine cladding with doors across the corner
- Complete coolant system
- Air cooling of the control cabinet
- two separate cooling circuits
- Blow-out device for the spindle
- Water and air pistols
- Automatic central lubrication
- Machine light
- Machine feet with leveling screws
- Tool box with operating tools
- Documentation
- Electrical equipment 400V. / 50 Hz.
- CE standard



C-axis 350 mm



Work interior

Special accessories:

- More powerful engine
- Scraper chip conveyor
- Direct drive
- Cooling through the spindle
- Linear scales
- 32 tools
- Probe system
- Diagnosis of the rotation axis