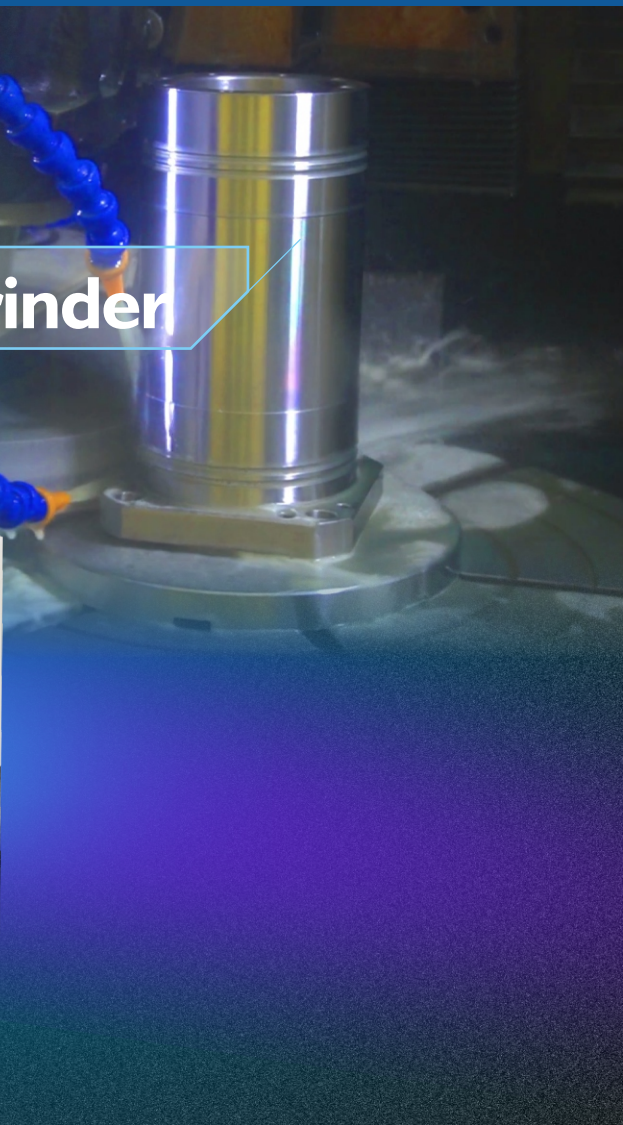


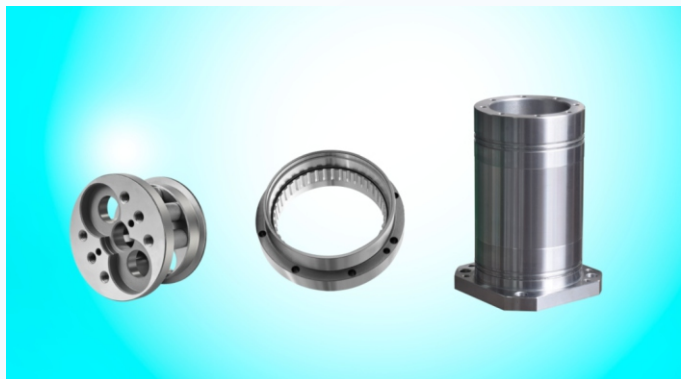
VMK324C

CNC Vertical Complex Grinder



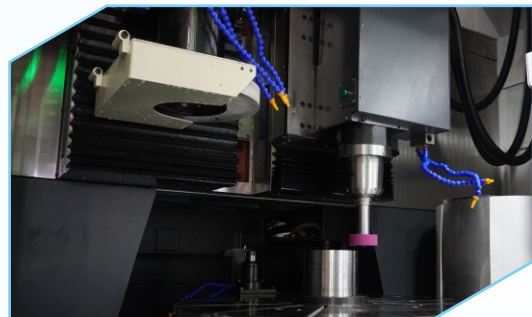
CNC Vertical Multi-Process Grinding Machine

- The machine have multi-processing capability and high accuracy of grinding ID, OD and end face, optional inner gear
- The design of honeycomb Tubular type machine bed and cross guideway structure for improving the higher rigidity and stability
- External grinding wheel fixed and 8pcs internal grinding wheels for different diameter in ATC

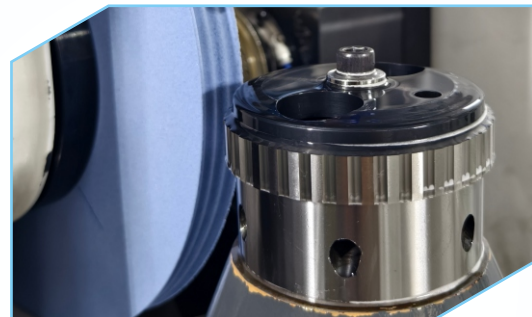


STANDARD CONFIGURATION

- Siemens 828D control system
 - External grinding wheel spindle
 - Internal grinding wheel spindle
 - Automatic lubrication systems
- Compressed air dryer
 - Spindle cooling system.
 - Cutting fluid filtration system
 - Cabinet air condition
- Automatic lubrication system
 - Oil mist collector
 - electromagnetic chuck
 - Positioning probe for grinding wheel



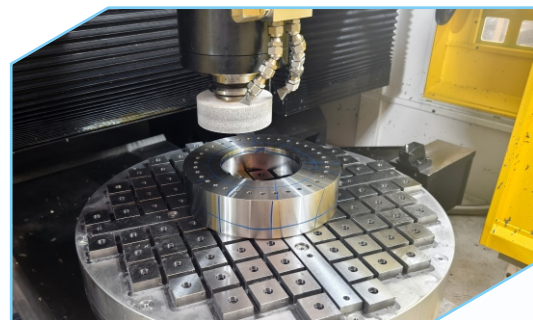
Two wheel grinding workpiece OD and ID



Grinding outside gear profile



Grinding Inside gear profile



Grinding end face with magnetic chuck

TECHNICAL SPECIFICATION:

Model			VMK324C	VMK325B
Capacity	Grinding diameter	mm	66-500	100-1000
	Max. grinding length	mm	300	350
	Turntable diameter	mm	Φ500	Φ1000
Machining accuracy	Roundness	mm	0.003	0.003
	Cylindricity	mm	0.002/100	0.002/100
	Flatness	mm	0.0025/30	0.0025/30
X/YZ/W Axis	Rapid speed	mm/min	10000	5000
	X/YZ/W Axis travel	mm	750/550/350/350	750/750/370/370
Workpiece spindle(C Axis)	Spindle motor power	kW	4.96	4.36
	Spindle speed	rpm	100	75
	Turntable bearing weight	kg	≤750	≤1500
Customized grinding wheel spindle	Max. Spindle speed	min-1	3500(external grinding)	8000(Internal gear grinding)
	Motor power	kW	7.5	15
	Grinding wheel size	mm	1-400×(20-32)×127	/
Internal grinding wheel spindle	Max. spindle speed	rpm	15000	18000
	Rated power	kW	20	20
Magazine tool	Tool number		8pcs	8pcs
Machine specification	Machine size (L×W×H)	mm	2600×2700×2700	3150×2700×3100
	Machine weight	T	11	16