



AMK204 CNC Complex Grinder

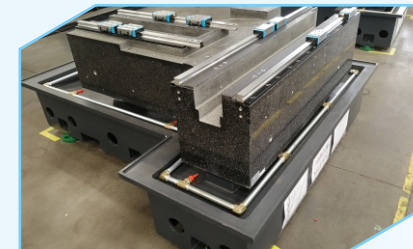
Internal and External circular -end face grinding

- Grinding excircle ,inner hole ,end face with complex process .
- When dresser finish the grinding wheel dressing ,wheel allowance and offset automatically .

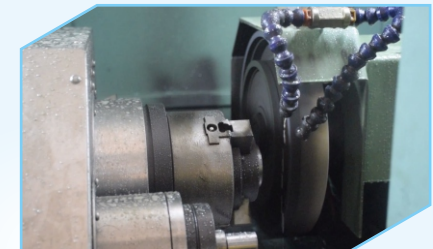


STANDARD CONFIGURATION

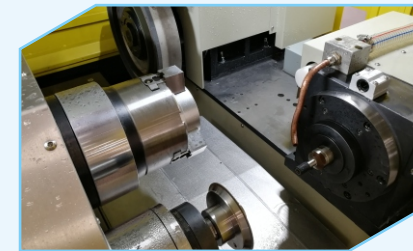
- Siemens828D control system
- Grinding wheel spindle 1 (cylindrical)
- Grinding wheel spindle 2 (Inner hole)
- Compressed air drying device
- Closed-loop control device
- Oil mist absorber
- Automatic lubrication system
- Cutting fluid filtration device.
- Dressing unit
- Automatic tool setting probe



Natural granite bed improve manufacturing accuracy.



Grinding end face



Internal and external complex grinding



Dressing wheel

TECHNICAL SPECIFICATION:

Model	AMK204	
Capacity		
Diameter of grinding inner hole	mm	φ 10~φ 100
Max.grinding inner hole length	mm	150
Diameter of grinding excircle	mm	φ200
Length of grinding excircle	mm	150
Accuracy		
Dimensions tolerance	mm	0.005
Roundness	mm	0.005
surface roughness	μ m	Ra≤0.4
Diamond grinding wheel spindle		
Size of inner hole diamond grinding wheel	um	φ 100 × φ 25 × 30
Max. speed of diamond grinding wheel	rpm	10000
Spindle		
Speed of workpiece spindle	rpm	0~100
Power of workpiece motor spindle	kW	11
Speed of excircle and end face grinding wheel	rpm	500~3000
Size of excircle grinding wheel	mm	φ 350 × 32 × φ 127
Max. speed of inner hole grinding wheel	rpm	24000
Travel		
X/Z axis travel	mm	600/300
Other		
Weight	kg	6200
Machine size	mm	3100 × 2000 × 2400