

CNC SURFACE GRINDING MACHINE



Model: MYK820

Technical Specification

Model	MYK820
Table Size (L × W)	480×200 mm
Max movement of worktable (L × W)	530×220 mm
T-Slot (Number × Width)	1×14 mm
Distance from table surface to spindle center	450mm
Wheel size (O.D. × width × I.D.)	φ200×20×φ31.75 mm
Speed (r/min)	2850 r/min
Longitudinal speed (left and right) of work table	3-25 m/min
Cross feed amount (front and rear) of work table	0.5-15 m/min
Vertical manual feed amount of grinding head	0.005—0.05mm
Rapid up and down speed of grinding head	0-6 m/min
Spindle motor	1.5 kw
Coolant pump motor	40 W
Lift servo motor	0.75 kw
Front and rear servo motor	0.75 kw
Hydraulic motor	1.5 kw
Working pressure	3MPa
Tank capacity	80 L
Maximum flow rate	18 L/min
The parallelism of working surface to base level	300:0.005mm
Surface roughness	Ra0.32 μm

Control system	
Brand	GSK
Model	928
Controlled axes	2 (X, Z axis)
Link axes	2 (X, Z axis)
Min. setting unit	Unit 0.001 mm
Min. motion unit	0.0005mm; Z: 0.001mm
Max. dimension for programs	±8000.000 mm
Max. traverse rate	15000 mm/min
Feed rate	5-6000 mm/min
Capacity of part program	24KB
Max. number of part programs	100
Graphic LCD	320×240
Communication interface standard	RS-232
Tool selection	4 (up to 8)
Compensation tool compensation, clearance compensation	MPG (hand wheel) ×0.001 ×0.01 ×0.1 Spindle S1, S2, S3, S4 direct output; S0~S15 output with BCD code; three automatic gear shifting with 0~10V analog output; 1024p/r, 1200p/r spindle encoder available G codes 24 codes, including the fixed /compound cycles, threading in Z direction Thread functions metric/inch single and multiple straight, taper thread, high-speed retraction with setting the retraction distance
Net/Gross Weight	900/1000kg
Magnetic chuck size	400x200mm
Overall dimension (L×W×H)	1680x1140x1760mm
Package dimension (L×W×H)	1630x1170x1940 mm