

CNC Mill

S5(BT30)

S5 Smart Mills

Engineered Specifically for Precision
Parts and Molds Machining



Description :

The S5 Smart Mills is a compact machine that meets the demands for drilling, milling and engraving of small parts and molds. The S5 possesses high thermal and mechanical stability to ensure a lifetime of accuracy. It is equipped with an 8-tool carousel-type ATC for saving tool change time. For increased efficiency and accuracy, put the S5 Smart Mills to work in your plant or shop.

Specification :

Item	S5 (BT30)	
Working Table		
Table Size	810 × 250 mm	31.89" x 9.842"
T-slot Size	16 mm x 4T	0.63" x 4T
Max. Load	80 kgs	176lbs
Travel		
X / Y / Z Travels	390 / 210 / 340 mm	15.354"/ 8.268"/13.386"
Spindle Nose to Table Surface	50-390 mm	1.968" ~ 15.354"
Spindle Center to Z Axis Safety Cover	260 mm	10.236"
Feeding		
Ball Screw Size	Ø25 x 5	Ø0.984" x 0.197"
X / Y / Z Ripap Feed	15 m / min (Syntec/Fanuc) 10m/min (Siemens)	49.2ft / min 32.8ft / min
X / Y / Z Cutting Feed	10 m / min	32.8ft / min
Spindle		
Spindle Max. Speed	8000 rpm	
Spindle Motor	1500 w	2 HP
Spindle Taper	BT30	
Spindle Drive	Belt	
Motor		
X / Y / Z Motors	750 w	1 HP
Coolant Pump	90 w	1/8 HP
Air Pressure Needed	5.5kg / cm ²	78.21lb / in ²
Machine Size		
Machine Dimension (L×W×H)	1325 x2425 x 2300 mm	52.165" x 95.472" x 90.55"
Machine N.W.	1085 kgs	2387 lbs

Standard Equipment :

- Machine bench top, tray and stand or floor type
- PMI linear guide way, ball screws
- AC servo motors (X,Y,Z Spindle)
- Auto oiler
- BT-30 taper(Bench type/Delux Bench type)
- 220V, 3 phase
- 8000RPM
- Limit switch for 3 axis
- Coolant system (8G)
- Rigid Tapping(Alu. M3~m8/Steel M4~m8)

Options :

- CE version
- Full enclosure
- LED work light
- Full enclosure
- Manual air gun
- 8 Tools ACT(S8 only)
- Coolant system (15G)
- Oil Skimmer (For 8G/15G only)
- NR12 door interlock (For Brazil only)
- 4th Axis rotary table (Not for 808D)
- 220V Single Phase

Controller Selections:

- SIEMENS 808D/808D ADVANCED
- FANUC Oi-MATE MD
- SYNTEC
- CENTROID

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