

CNC Mill

S8-BT40

S8-BT40 Smart Mills

Engineered Specifically for
Precision Parts and Molds
Machining



Specification :

Item	S8-BT40	
Table		
Table Size	600 × 300 mm	23.622" x 11.811"
No. of T-slots (Size)	16 mm x 3T	0.63" x 3T
Table max. load	100 kgs	220 lbs
Travel		
X / Y / Z Travels	400 / 300 / 350 mm	15.748" / 11.811" / 13.779"
Head-table distance	50-400 mm	1.968" ~ 15.748"
Spindle center to z-axis cover distance	330 mm	12.992"
Feed rates		
Ballscrew size (Dia x pitch)	Ø25 x 5	Ø0.984" x 0.197"
X / Y / Z Rapid Traverse	15 m / min (Syntec Fanuc)	49.2 ft / min
	10 m / min (Siemens)	32.8 ft / min
X / Y / Z Cutting Feed	10 m / min	32.8 ft / min
Spindle		
Spindle Speed	8000 rpm	
Spindle taper size	BT40	
Drive system	Belt	
Automatic tool change system		
Capacity	8 Tool	
Method of tool exchange	Armless	
Max.tool diemeter	Ø100 mm	Ø3.937 mm
Max.tool length	200mm	7.874"
Max.tool weight	8kg	17.6 lbs
Tool changing time (Cam box)	1.3 sec/60Hz 1.6 sec/50Hz	
Motor		
Spindle motor	3.7 kw	5 HP
X / Y / Z Motors	750 w x 750 w x (Siemens 2 Kw, Fanuc 1.8Kw)	1Hp x 1Hp x1.33 Hp
Coolant Pump	90w	1/8 HP
Air supply	5.5 kg / cm²	78.21 lb / in²
Machine dimension		
Machine Dimension (L×W×H)	2100 x 1800 x 2300 mm	82.677" x 70.866" x 90.551"
Machine weight	kgs	lbs

Description :

S8 Smart Mills is a compact machine that meets the demands for drilling, milling and engraving of small parts and molds. The S8 possesses high thermal and mechanical stability to ensure a life-time of accuracy. It is equipped with an 8-tool carousel-type ATC for saving tool change time. For increased efficiency and accuracy, put S8 Smart Mills to work in your plant or shop.

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-40 taper(Bench type/Floor 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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