

CNC Mill

| S1-Linear Way

S1 Smart Mills

Built with Expertise of Dynamic Accuracy and Rigidity



Description :

The S1 Smart Mills is the accumulation of the profound expertise in machine tool technology, the machine offers excellent performance for the best value. With the design of hardened box guide ways for optimum dynamic rigidity, the machine features accuracy, stability and reliability, the S1 Smart Mills is the best equipment in it's class.

Specification :

Item	S1-Linear Way	
Working Table		
Table Size	810 × 240 mm	31.89" x 9.449"
T-slot Size	16 mm x 4T	0.63" x 4T
Max. Load	100 kgs	220lbs
Travel		
X / Y / Z Travels	400 / 240 / 350 mm	15.748"/ 9.448"/13.78"
Spindle Nose to Table Surface	50-400 mm	1.968" ~ 15.748"
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 Rapid Feed	5 m / min	16.4 ft / min
X / Y / Z Cutting Feed	2.5 m / min	8.2 ft / min
Spindle		
Spindle Max. Speed	5000 rpm	
Spindle Motor	0.75KW 220/380	1.33 HP
Spindle Taper	ER32 / R8	
Spindle Drive	Belt	
Motor		
X / Y / Z Motors	750W, 3.5NM, 2000RPM	1 HP
Coolant Pump	90 w	1/8 HP
Machine Size		
Machine Dimension (LxWxH)	1650 x1900 x 2280 mm	64.566" x 74.8" x 89.763"
Machine N.W.	585 / 635 kgs	1287 lbs / 1397 lbs

Standard Equipment :

- ADTECH controller
- Machine bench top, tray and stand
- Box way or Linear way
- AC servo motors(X,Y,Z,Spindle)
- Spindle motor
- One shot oiler
- ER32 or R8 Taper
- 220V, single phase
- Without enclosure
- Limit switch for 3 axis
- Coolant system (4G)
- MPG

Options :

- Auto oiler
- CE version
- Air draw bar
- Full enclosure
- 6 tool holder
- Manual air gun
- LED work light
- Coolant system (8G)
- Coolant system (15G)
- Oil Skimmer (For 8G / 15G only)
- NR12 DOOR LOCK (For Brazil only)

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