

Specifications

Capacity			
Swing over bed	:	300 mm	
Swing over saddle	:	300 mm	
Admit between centres	:	300 mm	
Maximum turning diameter	:	250 mm	
Spindle			
Spindle type	:	Cartridge type	
Spindle nose	:	A2-5	
Spindle taper	:	Metric 50	
Hole through spindle	:	42mm	
Spindle bearings	:	Four angular contact bearings,	
		RHP make, set of two on front (7214)	
		and set of two on rear (7212)	
Spindle lubrication	:	Grease packed for life	
Spindle RPM	:	40-4000 rpm	
		(Higher spindle RPM is optional)	
CNC System	:	FANUC 0i-TB Mate with Beeta 4i,	
		Beeta 4i and Beeta 3i spindle.	
		(Siemens 802D or any other	
		CNC system is optional)	
Spindle motor and drive	:	Fanuc - 3.7/5.5 KW spindle drive	
		and motor.	
Tail - Stock			
Tail-stock stroke	:	225 mm	
Quill stroke	:	75 mm	
Tail-stock quill diameter	:	60 mm	
Quill taper	:	MT - 4	

Slides		
Slides	:	with LM Guide-ways
X axis travel	:	140 mm (Radial)
Z axis travel	:	325 mm (from spindle face)
X axis ball screw	:	25 mm, Dia x 10 mm Pitch
		(PMI / HIWIN) C-3 class
Z axis ball screw		28 mm, Dia x 10 mm Pitch
	:	(PMI / HIWIN) C-3 Class
X axis motor	:	AC Servo, 4 Nm / 3000 rpm
Z axis motor	:	AC Servo 4 Nm / 3000 rpm
Rapid Traverse	:	15 meters / min.
Tooling Arrangement	:	Eight position Bi - Directional Turret
Standard shank size	:	20 mm x 20 mm
Recommended Chuck Size	:	165 mm Dia. Power Chuck
		(Closed or Hollow type along with
		suitable Hydraulic Power-Pack)
Bed		
Slant angle	:	Slant Bed - 30 degree
Bed width	:	350 mm
Guide-ways	:	Heavy duty precision grade Linear
		Motion Guide-ways
Over-all Dimensions		
Length	:	1800 mm + 1200 mm with Chip
		Conveyor
Width	:	1500 mm
Height	:	1600 mm
		2350 kg (appx.)

Specifications are subject to change without prior notice.

Standard Accessories

- ► Coolant System
- ► Centralized Lubrication System
- ► Air Circulating Blowers for Electrical Panel
- ► Machine Lamp
- ► Chip Pan
- ► Fully Enclosed Chip-Guard
- ► Operation and Maintance manual (1 set)
- ► 200 mm Closed Chuck with suitable closed Hydraulic Cylinder and Power Pack
- ► Electronic Hand Wheel
- ► Three Boring Holders and one Face Grooving Holder.

Optional Accessories

- ► Sleeves of Various Sizes
- ► Extra Tool Holders
- ► Cabinet Cooler
- ▶ 3 Phase Voltage Stabilizer
- Gear Box for Spindle
- ► Chip Conveyor
- ► Extra Chip Pan
- Hollow Chuck / Hollow Hydraulic Cylinder
 / Collet Chuck, any other Holding Fixture.





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