

CNC FLAT BED TURNING MACHINE



Salient Features

- ◆ All main Components, Bed, Headstock, Saddle, Plinth are high quality solid casting.
- ◆ Precision Ball screw and rigid precision Bearing in main spindle.
- ◆ Ideal for Casting & Forging.
- ◆ Highest cut up to 10mm.
- ◆ Automatic forced lubricant system.
- ◆ Hardened and ground bed Guide ways.
- ◆ Operator Friendly CNC Machine.



Job Components



Optional Accessories

- ◆ Hollow Chuck (Hydraulic/Manual)
- ◆ 8/12 Station Tool Turret
- ◆ Hole In Spindle Available
- ◆ Turning Length As Per Requirement
- ◆ Lm Guideways Available
- ◆ Steady Rest(manual/hydraulic)
- ◆ Stabilizer
- ◆ Servo Motor In Spindle
- ◆ Manual/hydraulic Tailstock
- ◆ External & Internal Grinding Attachment

Technical Specification

CNC FLAT BED TURNING MACHINE									
Model Name		Ri 200A	Ri 300A	Ri 300B	Ri 400A	Ri 400B	Ri 500	Ri 800	Ri 1000
Controller	Siemens / Fanuc / Mitsubishi								
Capacity									
Chuck Size	mm	200	250	250	315	315	315	530	600
Standard Turning Diameter	mm	200	300	300	400	400	500	800	1000
Maximum Turning Diameter	mm	350	400	400	500	500	600	1000	1200
Maximum Turning Length	mm	500	500	700	500	700	700	1000	1000
Max. Job Crossover Slide	mm	250	250	250	300	300	425	750	850
Main Spindle									
Spindle Nose	-	As Per Our Design							
Spindle Speed Range	rpm	1500	1250	1250	800	800	800	500	400
Spindle Motor Power (Ind. / Servo)	kw/hp	7.35 / 10	11 / 15	11 / 15	14.7 / 20	14.7 / 20	18.3 / 25	22 / 30	29.4 / 40
Axis									
X-Axis Stroke	mm	250	275	275	275	275	375	575	675
Z-Axis Stroke	mm	500	500	700	500	700	700	1000	1000
Feed Drive (X & Z)	nm	6 / 6	6 / 6	6 / 6	6 / 8	6 / 8	8 / 8	8 / 11	8 / 11
Ball Screw Dia & Pitch (Z / X)	mm	32x10 / 25x10	32x10 / 25x10	32x10 / 25x10	32x10 / 25x10	32x10 / 25x10	40x10 / 32x10	50x10 / 32x10	50x10 / 32x10
Tool Turret (Electric) SQTP-4 / BTP-8/12									
No of Station(Std.)	-	4 / 8	4 / 8	4 / 8	4 / 8	4 / 8	4 / 8	4 / 8	4 / 8
Max. Boring Bar Diameter	mm	40	40	40	40	40	40	50	50
Max. Boring Bar Diameter	mm	25 x 25	25 x 25	25 x 25	25 x 25	25 x 25	25 x 25	32 x 32	32 x 32
Tail Stock									
Quill Dia	mm	-	-	70	-	70 / 100	100	125	125
Quill Stroke	mm	-	-	125	-	125	125	150	150
Accuracy									
Max. Spindle Nose Runout	mm	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Repeatability	mm	0.005	0.005	0.005	0.005	0.005	0.005	0.010	0.010
Positioning	mm	0.025	0.025	0.025	0.025	0.025	0.050	0.050	0.050
Other Data									
Machine Weight(Approx)	kg	2400	2800	3200	3000	3400	3800	6200	7400
Length(Approx)	mm	2490	2490	3290	2490	3200	3200	3800	3800
Width(Approx)	mm	1900	1900	1900	1900	1900	2000	2400	2400
Height(Approx)	mm	1520	1520	1520	1520	1520	1750	2000	2000

SPM
Machines
As Per
Requirements