

CNC ROLL TURNING MACHINE



Salient Features

- ◆ All main Components, Bed, Headstock, Saddle, Plinth are high quality solid casting.
- ◆ High Torque capacity at Head Stock.
- ◆ Zero Backlash with Ball Screw.
- ◆ Provision For Higher Cutting Force.
- ◆ Highest cut up to 10mm.
- ◆ Accurate Geometric Dimensions of Fitment Parts.
- ◆ Telescopic Cover To Protect Guideways.
- ◆ Rough & Finish Machining is Achieved in the Lathe & CNC System Programming.



Job Components



Optional Accessories

- ◆ Hydraulic Quill
- ◆ Motorised Tailstock
- ◆ Servo Spindle Motor
- ◆ Steady Rest
- ◆ Chip Conveyor
- ◆ Revolving Centre
- ◆ Tool Shank/Insert
- ◆ Stabilizer

Technical Specification

CNC ROLL TURNING MACHINE

		Ri 400 x 2000	Ri 600 x 3000	Ri 800 x 4000
Model Name				
Controller		Siemens / Fanuc / Mitsubishi		
Capacity				
Chuck Size (Hydraulic/Manual)	mm	315	400	630
Std. Turning Diameter	mm	400	600	800
Max. Turning Diameter	mm	500	700	900
Max Turning Length	mm	2000	3000	4000
Max. Job cross over slide	mm	350	500	700
Main Spindle(Close Open)				
Spindle Nose	-	As Per Our Design		
Spindle Speed Range	rpm	600	500	400
Spindle Motor Power (Induction/Servo)	kw/hp	14.7 / 20	18.3 / 25	22 / 30
Axis				
X-Axis Stroke	mm	300	375	450
Z-Axis Stroke	mm	2000	3000	4000
Feed Drive (X & Z)	nm	6 / 8	8 / 11	8 / 14
Ball Screw Dia & Pitch (Z / X)	mm	40 x 10 / 32 x 10	50 x 10 / 32 x 10	50 x 10 / 32 x 10
Tool Turret(Electric) SQTP-4 / BTP- 8/12				
No of Station	-	4 / 8	4 / 8	4 / 8
Max. Boring Bar Diameter	mm	40	50	50
Tool Size	mm	25 x 25	25 x 25 / 32 x 32	25 x 25 / 32 x 32
Tail Stock				
Quill Dia	mm	100	150	175
Quill Stroke	mm	125	150	200
Accuracy				
Max. Spindle Nose Runout	mm	0.015	0.020	0.020
Repeatability	mm	0.010	0.015	0.020
Positioning	mm	0.050	0.050	0.050
Other Data				
Machine Weight(Approx)	kg	5300	9400	13500
Length(Approx)	mm	5050	6300	7500
Width(Approx)	mm	1800	1900	2200
Height(Approx)	mm	1700	1850	2150

**SPM
Machines
As Per
Requirements**