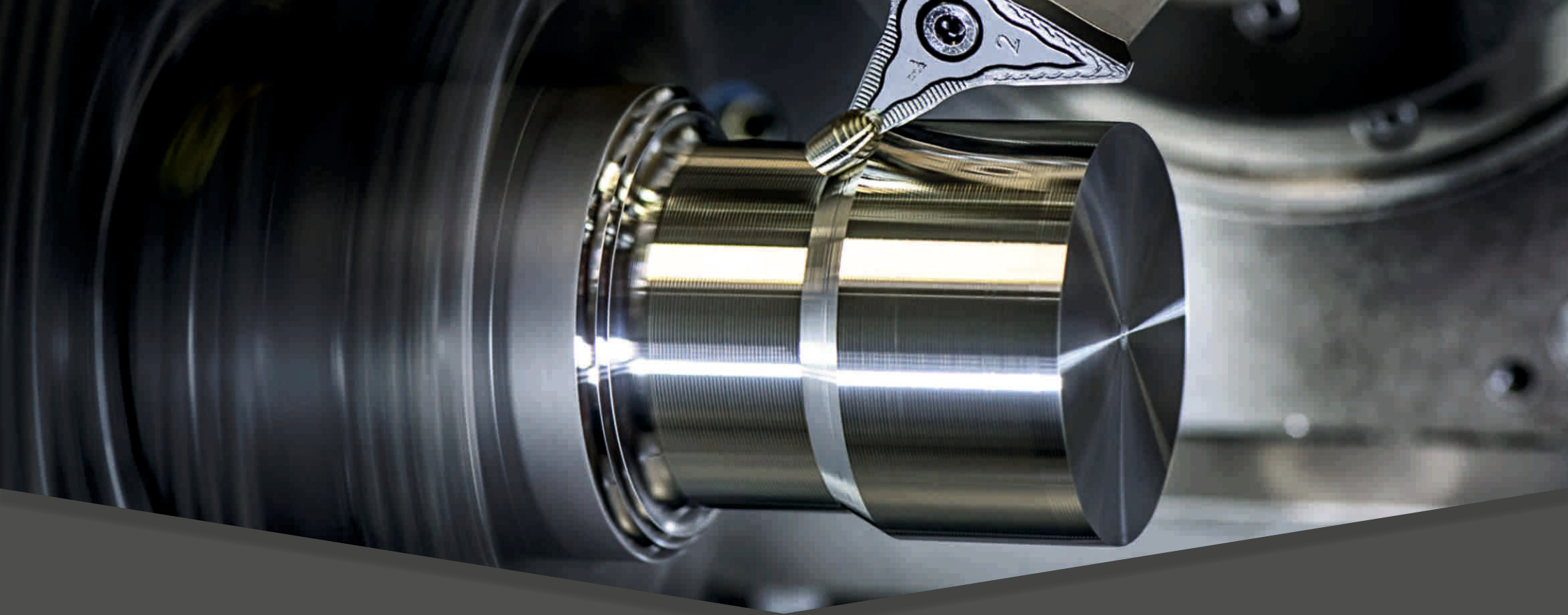




RADADIYA INDUSTRIES

MFG. :- ALL TYPE OF CNC TURNING MACHINE

AN ISO 9001 : 2008 CERTIFIED COMPANY

CNC ♦ VTL ♦ PCD DRILLING ♦ SPM CNC

About Us

Radadiya Industries, established in 2003, is a sole proprietorship specializing in manufacturing & supplying **CNC Lathe Machines** with customized solutions.

Our robust infrastructure & extensive distribution network ensure timely fulfilment of large orders across automotive, irrigation, construction & other sectors.

We offer **24-hour service** & competitive prices to meet our customer's needs promptly.

“ We Aim For Long-term, Healthy Relationships With Our Customers.”





Mission

Our mission is to deliver high-quality CNC machines tailored to diverse client needs, featuring innovative designs and user-friendly interfaces.



Vision

Our vision is to be the leading manufacturer of CNC Machines, renowned for exceptional quality, groundbreaking innovation, & unparalleled customer satisfaction.



17+ Years Of
Experience

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										SPM Machines As Per Requirements
Model Name		Ri 200A	Ri 300A	Ri 300B	Ri 400A	Ri 400B	Ri 500	Ri 800	Ri 1000	
ControllerSiemens / 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	

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

CNC ROLL TURNING MACHINE					SPM Machines As Per Requirements
Model Name		Ri 400 x 2000	Ri 600 x 3000	Ri 800 x 4000	
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	

CNC PCD DRILLING MACHINE | 3-AXIS CNC DRILLING MACHINE



Salient Features

- ◆ 360° Indexing Drilling Machine.
- ◆ Ideal for PCD Drilling.
- ◆ Rigid base and column design.
- ◆ High Precision L.M. guide ways.
- ◆ Fast Production.
- ◆ Operator Friendly CNC Machine.



Job Components



Optional Accessories

- ◆ ATC
- ◆ Spindle BT 40
- ◆ Servo Spindle Motor
- ◆ Stabilizer

Technical Specification

CNC PCD DRILLING MACHINE

CNC PCD DRILLING MACHINE				
Model Name		Ri 500	Ri 800	Ri 1000
Controller		Siemens / Fanuc / Mitsubishi		
Capacity				
Manual Chuck Size	mm	315	500	630
PCD Size	mm	500	800	1000
Max. Job Diameter	mm	650	900	1200
Turning Height	mm	400	500	600
Max. Job Swingover Dia.	mm	700	1000	1300
Spindle				
Spindle Nose	-	A2-5 / BT-40	A2-6 / BT-40	A2-6 / BT-50
Spindle Speed Range	rpm	3000	2500	2000
Spindle Motor Power	kw	9.5	11	15
Axis				
X-Axis Stroke	mm	325	450	650
Z-Axis Stroke	mm	400	500	600
Feed Drive (X & Z- Servo)	nm	Manual linear scale / 8	Manual linear scale / 11	Manual linear scale / 15
LM Size (Z)	mm	45	45	55
Ball Screw Dia & Pitch (Z / X)	mm	32 x 10 / 25 x 05	40 x 10 / 25 x 05	40 x 10 / 32 x 10
Indexing Drill Table C AXIS	degree	360°	360°	360°
Tool Turret / ATC				
Max. Drilling Size	mm	40	45	60
Spindle Nose Sleeve Manual / ATC	mm	40 / BT-40	40 / BT-40	40 / BT-40 / BT-50
Accuracy				
Max. Spindle Nose Runout	mm	0.005	0.005	0.005
Positioning	mm	0.100	0.100	0.100
Other Data				
Machine Weight(Approx)	kg	3400	5000	5400
Length(Approx)	mm	2550	3400	3400
Width(Approx)	mm	2000	2100	2100
Height(Approx)	mm	2450	2750	3400

3 - AXIS CNC DRILLING MACHINE

3 - AXIS CNC DRILLING MACHINE			
Model Name		Ri 500	Ri 1000
Controller	Siemens / Fanuc / Mitsubishi		
Capacity			
Chuck Size Manual	mm	300 x 4 Jaw	600 x 4 Jaw
Table Size	mm	300 x 350	500 x 500
Max. Job Diameter	mm	500	1000
Spindle / ATC			
Spindle Nose	-	A2-5 / BT-40	A2-6 / BT-40
Spindle Speed Range	rpm	3000	2000
Spindle Motor Power	kw	9.5	11
Max. Drilling Size	mm	40	55
Max. Spindle Nose Sleeve	mm	40 / BT 40	40 / BT 40
Axis			
X-Axis Stroke	mm	500	1000
Y-Axis Stroke	mm	500	1000
Z-Axis Stroke	mm	400	500
X-Axis Type	mm	BOX	BOX
Y-Axis Type	mm	BOX	BOX
Z-Axis Type	mm	45-LM	55-LM
Ball Screw Dia & Pitch (X / Y / Z)	mm	32 / 32 / 40 x 10	40 / 40 / 50 x 10
Accuracy			
Max. Spindle Nose Runout	mm	0.005	0.005
Repeatability	mm	0.010	0.010
Positioning	mm	0.010	0.010
Other Data			
Machine Weight(Approx)	kg	3800	7200
Length(Approx)	mm	2800	3900
Width(Approx)	mm	1850	2800
Height(Approx)	mm	2200	2500

CNC VTL TURNING MACHINE

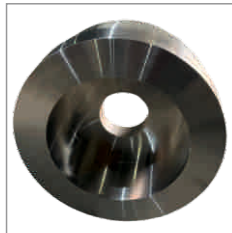


Salient Features

- ◆ Heavy & Rigid Single Piece Structure.
- ◆ Rigid Bed & Column Structure.
- ◆ High Performance Heavy Duty Spindle.
- ◆ Counter Balance Z-Axis.
- ◆ Easy Accessibility For Job Loading From Top & Front.
- ◆ Ergonomics Design & Improved Operating Features.
- ◆ Centralized & Programmable Lubrication.
- ◆ Operator Friendly CNC Machine.



Job Components



Optional Accessories

- ◆ Chip Conveyor
- ◆ Stabilizer
- ◆ ATC
- ◆ Live Tooling
- ◆ Face Plate

Technical Specification

CNC VTL TURNING MACHINE							
Model Name		Ri 400 VTL	Ri 500 VTL	Ri 800 VTL	Ri 1000 VTL	Ri 1250 VTL	Ri 1500 VTL
Controller		Siemens / Fanuc / Mitsubishi / Delta					
Capacity							
Chuck Size	mm	315	400	530	800	1200 / Face Plate	1500 / Face Plate
Standard Turning Diameter	mm	400	500	800	1000	1250	1500
Maximum Turning Diameter	mm	550	600	900	1100	1400	1750
Maximum Turning Height	mm	500	500	800	800	800	800
Max. Job Swingover Dia.	mm	600	700	1000	1200	1500	1850
Main Spindle							
Spindle Nose	-	A2-6	A2-6 / A2-8	A2-11	A2-11	A2-15	A2-15
Spindle Speed Range	rpm	2000	1500	600	400	300	300
Spindle Motor Power(Ind./Servo)	kw/hp	14.7 / 20	18.3 / 25	22 / 30	22 / 30	29.4 / 40	36.7 / 50
Spindle Gear Box	kw/hp	-	-	22 / 30	22 / 30	29.4 / 40	36.7 / 50
Axis							
X-Axis Stroke	mm	300	375	450	550	700	1000
Z-Axis Stroke	mm	500	500	800	800	800	800
Feed Drive (X & Z)	mm	6 / 14	8 / 14	11 / 14	11 / 14	14 / 22	18 / 28
LM Size(X & Z)/ (Box)	mm	(45/45) (Box)	(45/55) (Box)	(45/55) (Box)	(45/55) (Box)	(55/65) (Box)	(55/65) (Box)
Ball Screw Dia & Pitch(Z / X)	mm	40 x 10 / 32 x10	40 x 10 / 32 x10	50 x 10 / 32 x10	50 x 10 / 32 x10	50 x 10 / 32 x10	50 x 10 / 32 x10
Tool Turret- BTP 8 12 / BT-50							
No of Station	-	8 / linear	8 / linear	8 / linear	8 / linear	8 / BT-50	8 / BT-50
Max. Boring Bar Diameter	mm	40	40	50	50	50	50
Tool Size	mm	25 x 25	25 x 25	32 x 32	32 x 32	32 x 32	32 x 32
Accuracy							
Max. Spindle Nose Runout	mm	0.005	0.005	0.005	0.005	0.005	0.005
Repeatability	mm	0.005	0.005	0.005	0.005	0.010	0.010
Positioning	mm	0.010	0.010	0.010	0.020	0.030	0.030
Other Data							
Machine Weight(Approx)	kg	3800	4300	6150	7800	15200	22100
Length(Approx)	mm	2100	2250	2350	2500	2725	3500
Width(Approx)	mm	1400	1575	1625	1800	1925	2550
Height(Approx)	mm	2300	2425	2600	2600	2825	3400

CNC SLANT BED TURNING MACHINE



Salient Features

- ◆ 45° Slant Bed Structure
- ◆ High-speed indexing and Positioning in idle time
- ◆ High rigid bed design
- ◆ Rigid Headstock & Heavy Duty Spindle
- ◆ High precision L.M. guide ways
- ◆ Tail stock with hydraulic quill
- ◆ Centralized & Programmable Lubrication
- ◆ Operator Friendly CNC machine



Job Components



Optional Accessories

- ◆ Chip Conveyor
- ◆ Bar Feeder
- ◆ Live Tooling
- ◆ Stabilizer
- ◆ Hydraulic Collect Chuck
- ◆ Steady Rest

Technical Specification

CNC SLANT BED TURNING MACHINE

CNC SLANT BED TURNING MACHINE											
Model Name		Ri 1020	Ri 1520	Ri 2020	Ri 2030	Ri 2050	Ri 3050	Ri 3070	Ri 5050	Ri 5070	Ri 5080
Controller Siemens / Fanuc / Mitshubishi / Delta											
Capacity											
Chuck Size	mm	100	135	200	200	200	250	250	315 / 400	315 / 400	315 / 400
Standard Turning Diameter	mm	100	150	200	200	200	300	300	500	500	500
Maximum Turning Diameter	mm	200	200	250	250	250	400	400	650	650	650
Maximum Turning Length	mm	200	200	200	300	500	500	700	500	700	800
Max. Job Swing over Dia.	mm	300	350	400	400	400	550	550	700	700	700
Slant Angle	degree	45°	45°	45°	45°	45°	45°	45°	45°	45°	45°
Main Spindle											
Spindle Nose	-	A2-4	A2-4	A2-4	A2-5	A2-5 / A2-6	A2-8	A2-8	A2-8 / A2-11	A2-8 / A2-11	A2-8 / A2-11
Hole Through Spindle	mm	50	50	50	50	70	70	70	90	90	90
Spindle Speed Range	rpm	4000	3000	3000	2500	2500	2000	2000	1500	1500	1500
Spindle Motor Power(Ind./Servo)	kw/hp	5.5 / 7.5	5.5 / 7.5	7.35 / 10	7.35 / 10	11 / 15	11 / 15	11 / 15	14.7 / 20	14.7 / 20	18.3 / 25
Axis											
X-Axis Stroke	mm	120	120	150	150	150	250	250	350	350	350
Z-Axis Stroke	mm	200	200	200	300	500	500	700	500	700	800
Feed Drive (X & Z)	mm	6 / 6	6 / 6	6 / 6	6 / 6	6 / 6	6 / 6	6 / 8	6 / 8	6 / 8	6 / 8
LM Size(X / Z)	mm	25 / 35	25 / 35	35 / 35	35 / 35	35 / 45	35 / 45	35 / 45	45 / 55	45 / 55	45 / 55
Ball Screw Dia & Pitch (Z / X)	mm	32 x 10 / 25 x 10	32 x 10 / 25 x 10	32 x 10 / 32 x 10	32 x 10 / 32 x 10	32 x 10 / 32 x 10	32 x 10 / 32 x 10	32 x 10 / 32 x 10	40 x 10 / 32 x 10	40 x 10 / 32 x 10	40 x 10 / 32 x 10
Tool Turret(BTP-8 / 12)											
No of Station	-	8	8	8	8	8	8	8	8 / 12	8 / 12	8 / 12
Max. Boring Bar Diameter	mm	40	40	40	40	40	40	40	50	50	50
Tool Size	mm	25 x 25	25 x 25	25 x 25	25 x 25	25 x 25	25 x 25	25 x 25	32 x 32	32 x 32	32 x 32
Tail Stock											
Quill Dia	mm	-	-	-	70	70	70	70	100	100	100
Quill Stroke	mm	-	-	-	125	125	125	125	125	125	125
Accuracy											
Max. Spindle Nose Runout	mm	0.003	0.004	0.005	0.005	0.005	0.003	0.003	0.005	0.005	0.005
Repeatability	mm	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Positioning	mm	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010
Other Data											
Machine Weight(Approx)	kg	2550	2800	3250	3400	3625	3900	4200	4325	4650	4800
Length(Approx)	mm	1800	2100	2100	2100	2500	2555	2755	3000	3350	3500
Width(Approx)	mm	1300	1630	1630	1630	1630	1780	1820	1950	1950	1950
Height(Approx)	mm	1500	1600	1600	1600	1600	1625	1625	1850	1850	1850

TWIN SPINDLE LINEAR CNC MACHINE



Salient Features

- ◆ 45° Slant Bed Structure
- ◆ Rigid Headstock & Spindle
- ◆ Quang linear tooling with table surface with T-slot
- ◆ High Precision L.M. guide ways
- ◆ Centralized & Programmable Lubrication
- ◆ Operator Friendly CNC Machine



Optional Accessories

- ◆ Chip Conveyor
- ◆ Bar Feeder
- ◆ Bar Puller
- ◆ Live Tooling
- ◆ Stabilizer
- ◆ Hydraulic Collect Chuck

Job Components



Technical Specification

Twin Spindle Linear CNC Machine			
Model Name		Ri 100	Ri 200
Controller	Siemens / Fanuc / Mitshubishi / Delta		
Capacity			
Chuck Size	mm	100	200
Standard Turning Diameter	mm	100	200
Maximum Turning Diameter	mm	150	250
Maximum Turning Length	mm	220	240
Max. Job Swingover Dia.	mm	400	500
Slant Angle	degree	45°	45°
Main Spindle			
Spindle Nose	-	A2-4	A2-5
Hole Through Spindle	mm	50	50
Spindle Speed Range	rpm	3000	3000
Spindle Motor Power (Induction/Servo)	kw / hp	7.35 / 10	11 / 15
Axis			
X-Axis Stroke	mm	570	570
Z-Axis Stroke	mm	± 250	±250
Feed Drive (X & Z)	mm	6 / 6	6 / 8
LM Size(X / Z)	mm	35 / 45	35 / 45
Ball Screw Dia & Pitch (Z / X)	mm	32 × 10 / 32 × 10	32 × 10 / 32 × 10
Linear Tool			
No of Tools	-	3+3	3+3
Max. Boring Bar Diameter	mm	40	40
Tool Size	mm	25 x 25	25 x 25
Accuracy			
Max. Spindle Nose Runout	mm	0.005	0.005
Repeatability	mm	0.005	0.005
Positioning	mm	0.010	0.010
Other Data			
Machine Weight(Approx)	kg	3400	3650
Length(Approx)	mm	3470	3470
Width(Approx)	mm	1610	1610
Height(Approx)	mm	1770	1770



MFG.: ALL TYPE OF CNC TURNING MACHINE

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