

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				
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			
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