



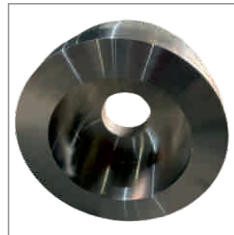
CNC VTL TURNING MACHINE

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