

Spinner 25 /32

Heavy Duty CNC Turning Centre



Technical Specification

TECHNICAL SPECIFICATION				Control System standard Sinumerik-802D SL
DESCRIPTION	UNIT	SPINNER 25	SPINNER 32	
CAPACITY				<ul style="list-style-type: none"> • Simultaneously 2 Axis Control • Process - Oriented Cycles • Thread Cutting Cycles • Direct Drawing Dimension Programming • Pitch Error & Backlash Compensation • Auto Referencing • Constant Surface Speed Control • RS - 232 C Serial Interface Port • 256KB User Memory • Background Editing • Inch / Metric Switchable • Tool Nose Radius Compensation • G-Code Compatibility with other Controller • Graphic Simulation • Look Ahead Facility • Part Count, Time Count & Working time • Electronic Hand Wheel <hr/> Optional Control System- Fanuc OiMate TD <hr/> Standard Features : <ul style="list-style-type: none"> • AC digital spindle Drive • AC digital servo drive for axis • Linear motion guide ways for X and Zaxis • 8 station bi-directional turret • 4 Nos boring bar holders • Coolant system • Centralised and programmable lubrication • Quality electrical devices with Air Conditioned Panel • Controlled temp. humidity and dust free electronics • Lube oil collector <hr/> Optional Feature : <ul style="list-style-type: none"> • Programmable Tail stock with add-on centre • Hydraulic steady rest • Chip Conveyor • Bar feeder with bar puller • Auto door • Servo turret with live tools • Toolled up machine to meet customer Need • Reduction sleeves • Axial tool holder • Hydraulic collet chuck • Renishaw probe for auto tool wear monitoring
Swing over way covers	mm	600	750	
Admit between centers	mm	600 / 1000	1500	
Max. turning length (with chuck)	mm	500 / 900	1400	
Max. turning dia.	mm	500	600	
Max. turning dia. between chuck & center	mm	-	-	
JOB HOLDING				
Hydraulic Chuck - Std.	mm	315	400	
- Opt.	mm	400	450	
SLIDES				
Cross travel X-axis	mm	290	320	
Longitudinal travel Z-axis	mm	600 / 1000	1500	
Rapid rate X / Z axes	m/min	28 / 28	28 / 28	
Ball screw X / Z axes	mm	40 x 10 / 40 x 10	40 x 10 / 40 x 10	
LM guide ways X / Z axes	SHS	45 / 45	45 / 45	
MAIN SPINDLE				
Spindle motor power- Std.	kW	16	19	
- Opt.	kW	20	25	
Spindle nose - Std.	Type	A2-8	A2-11	
Spindle bore dia.	mm	72	100	
Spindle front bearing dia.	mm	120	140	
Maximum bar capacity	mm	58	70	
Spindle speed (maximum)	rpm	2000	1500	
TURRET				
Type		BTP - 100 / 125	BTP - 100 / 125	
No. of stations	Nos.	8	12	
Max. boring bar capacity	mm	40	50	
Tool cross section	mm	25 x 25	32 x 32	
TAIL STOCK				
Quill diameter	mm	110	110	
Quill stroke	mm	120	120	
Thrust (maximum)	Kgf	875	875	
Quill taper		MT5	MT5	
COOLANT				
Tank capacity	ltrs	140	140	
Pump motor capacity	kW	0.54	0.54	
MACHINE SIZE				
Weight (approx.)	kgs	6000 / 7000	8000	
Dimension - 600 ABC	mm	2900 x 3400 x 1850	6500 x 3400 x 1850	
- 1000 ABC	mm	5000 x 3400 x 1850		
- 1500 ABC	mm			
ACCURACY				
Positioning	mm	± 0.015	± 0.015	
Repeatability	mm	± 0.005	± 0.005	
LUBRICATION				
Spindle bearing	Type	Grease packed	Grease packed	
Guides and ball screws	Type	Automatic centralized	Automatic centralized	
Lubrication tank capacity	Ltrs.	2.7	2.7	

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