

CNC Universal Turning Machine

Midas 8i



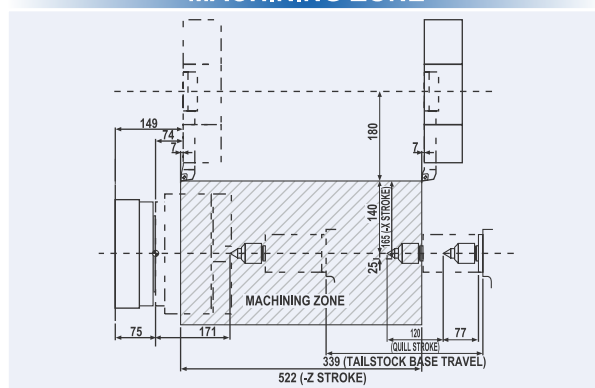
Midas Touch For Ascendancy

CNC Universal Turning Machine **Midas 8i**

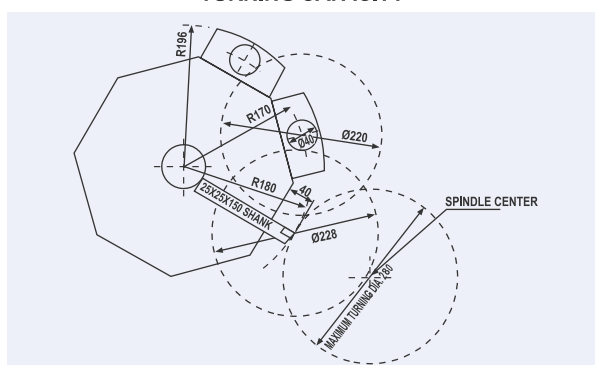
SPECIFICATIONS

CAPACITY			
Turning Diameter, Max	mm	280 (11.02")	
Turning Length, Max.	mm	522 (20.55")	
Swing Clearance Diameters			
Over Carriage	mm	230 (9.01")	
Over Way Covers	mm	430 (16.93")	
SPINDLE			
Spindle Size		A2-6	
Hole Diameter Through Spindle	mm	62 (2.44")	
Front Bearing Bore Size	mm	95 (3.74")	
Rear Bearing Bore Size	mm	85 (3.4")	
CHUCK			
Chuck Size	mm	200(8")	
Chuck package		Semi-Hollow	
Maximum Bar Capacity	mm	50(1.9")	
TURRET			
Index Mechanism		Hydraulic	
No. of Tool Stations		8	
Turning Tool shank size	mm	25x25x150 (1"x1"x6")	
Boring Bar Dia Max	mm	40(1.5")	
SPINDLE DRIVE			
Spindle Speed Range	rpm	30-3000	
Spindle Power (30 Mins. / Cont. Rating)	kw	11/7.5(14hp/10hp)	
FEED DRIVES			
Rapid Traverse (X & Z Axes)	mm/min	30000 (1181 ipm)	
Programmable Travel			
X Axis	mm	165(6.5")	
Z Axis	mm	522(20.55")	
Axis Thrust			
X Axis	kg	283	
Z Axis	kg	283	
Guide Ways (X & Z Axes)		Linear Motion Guides	
TAILSTOCK			
Quill Diameter	mm	80(3.2")	
Quill Taper Size		MT4	
Quill Thrust Max.	kg	750(1650 lb)	
Quill Stroke	mm	120(4.7")	
Tailstock Base Travel	mm	339(13.35")	
ACCURACIES			
Maximum Spindle Run Out At Nose	mm	0.008 (0.00032")	
X & Z Axes Accuracies		JIS	VDI 3441
Positioning Accuracy	mm	+/-0.005 +/-0.010	
Repeatatability	mm	0.0025 0.005	
MACHINE SIZE AND POWER			
Length (without accessories)	mm	2899 (114.20")	
Height	mm	2265 (89.17")	
Width	mm	1586 (62.14")	
Height of Spindle Center	mm	1100 (43.30")	
Weight	kg	4200 (9590 lb)	
Power consumptions(without options)	kva	20	
CONTROL			
CNC System		Fanuc	
Axes Drive package		Fanuc	
Spindle Drive Package		Fanuc	

MACHINING ZONE



TURNING CAPACITY



HIGHLIGHTS OF Midas 8i

- Precision Linear Motion Guides for X & Z Axes
- High Rapid Traverse 30 m/min, for X & Z Axes
- High Precision Ball screws for X & Z Axes
- Lowest Foot Print Area by Compact Lay out of M/c Elements
- Access Doors to Machine Elements for Easy Maintenance
- Separated Lube Oil Collection to prevent Coolant Contamination
- Hydraulic Spindle Brake for easy Chuck/Jaw Removal(Optional)
- Chuck Systems, Chip Conveyor(Optional)
- Compact & Highly Reliable Interface Hardware Cabinet
- Powerful Interface Software for M/c Functions with High Safety
- High Level Man-Machine Interface for Easy Fault Diagnostic
- Ergonomically Designed Operator Panel

OTHER PRODUCTS

- CNC Turn-Mills
- CNC Twin Spindle Lathes
- CNC Sliding Head Swiss Automats
- CNC Multi-Tasking Turn-Mills
- CNC Integrated Turn-Mill cum Machining Centres
- CNC Vertical Machining Centres
- High Speed CNC Drill-Tap Centres
- Robotic Automation
- Agile Loaders
- Unmanned Factory Production Lines

As upgradation is a continuous process, the specifications are subject to change without notice and all accessories shown are not part of standard feature



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