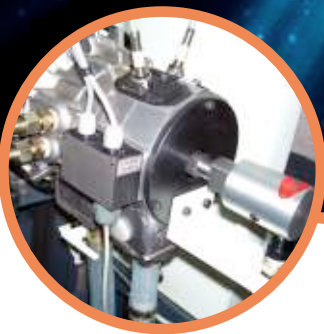


CNC Universal Turning Machine

Midas 10

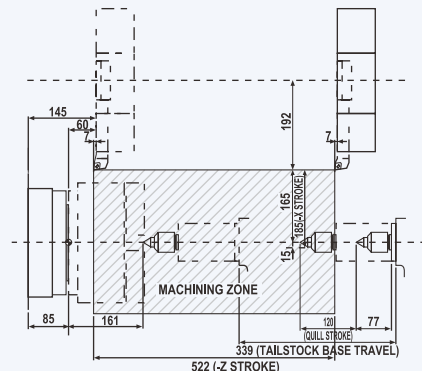


Midas Touch For Ascendancy

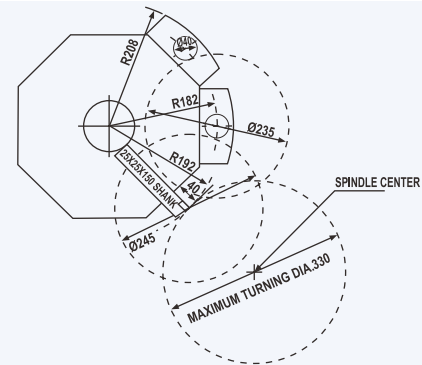
CNC Universal Turning Machine **Midas 10**

SPECIFICATIONS			
CAPACITY			
Turning Diameter, Max.	mm	330 (13")	
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	76 (3")	
Front Bearing Bore Size	mm	105 (4.13")	
Rear Bearing Bore Size	mm	95 (3.7")	
CHUCK			
Chuck Size	mm	250 (10")	
Bar Capacity, Max.	mm	63.5 (2.5")	
TURRET			
Index Mechanism		Electro - Mechanical	
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		30-3000	
Spindle Power (30 Mins. / Cont. Rating)	kw	15/11 (20hp/15hp)	
FEED DRIVES			
Rapid Traverse (X & Z Axes)	mm/min	30000 (1180 ipm)	
Programmable Travel			
X Axis	mm	165 (6.5")	
Z Axis	mm	522 (20.55")	
Axis Thrust			
X Axis	kg	432 (950 lb)	
Z Axis	kg	432 (950 lb)	
Guide Ways (X & Z Axes)		Linear Motion Bearings	
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		VDI 3441	
Positioning Accuracy	mm	+/-0.010	
Repeatability	mm	0.005	
MACHINE SIZE AND POWER			
Length (without accessories)	mm	2460 (96.85")	
Height	mm	1825 (71.85")	
Width	mm	1608 (63.60")	
Height of Spindle Center	mm	1025 (40.35")	
Weight	kg	3900 (8598 lb)	
Power Consumption (without options)	kva	25	
CONTROL			
CNC System		Fanuc	
Axes Drive Package		Fanuc	
Spindle Drive Package		Fanuc	

MACHINING ZONE



TURNING CAPACITY



HIGHLIGHTS OF Midas 10

- 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 (Option)
- Chucking Systems, Chip Conveyor (Option)
- 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.
- Homing less Axes Operations using Absolute Encoders Feed Back.
- Ergonomically Designed Operator Panel.

OTHER PRODUCTS

- * CNC Chucker Midas 0g
- * CNC Chucker Midas 0
- * CNC Universal Turning Machine Midas 4i
- * CNC Twin Spindle Turning Center Midas 4GG
- * CNC Universal Turning Machine Midas 6
- * CNC Universal Turning Machine Midas 6 Plus
- * CNC Universal Turning Machine Midas 8i
- * CNC Turn-Mill Center Midas T45 / T45M / T45S / T45SM
- * CNC Turn-Mill Center Midas T65 / T65M / T65S / T65SM
- * CNC Vertical Machining Center Heracles VM33
- * Galaxy - Biglia CNC Multi - Tasking Machines

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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