

CNC Universal Turning Machine

Midas 6



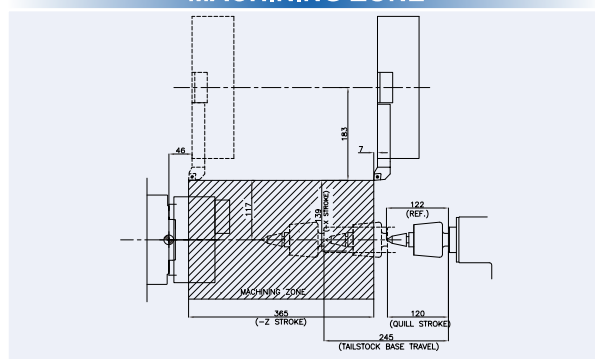
Midas Touch For Ascendancy

CNC Universal Turning Machine **Midas 6**

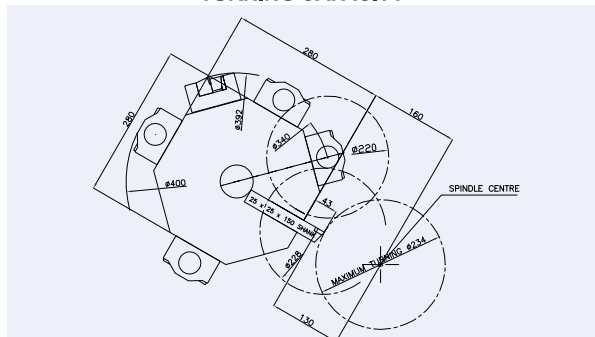
SPECIFICATIONS

CAPACITY		
Turning Diameter, Max	mm	240(9.45")
Turning Length, Max.	mm	365(14.37")
Swing Clearance Diameters		
Over Carriage	mm	225 (8.86")
Over Way Covers	mm	420 (16.54")
SPINDLE		
Spindle Size		A2-5
Hole Diameter Through Spindle	mm	50(2")
Front Bearing Bore Size	mm	80(3.14")
Rear Bearing Bore Size	mm	65 (2.56")
CHUCK		
Chuck Size	mm	165(6")
Chuck package		Hollow
Maximum Bar Capacity	mm	40(1.575")
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 (Opt.)	rpm	40-4000(60-6000)
Spindle Power (30 Mins. / Cont. Rating)	kw	7.5/5.5 (10 hp/7.5 hp)
FEED DRIVES		
Rapid Traverse (X & Z Axes)	mm/min	30000 (1181 ipm) / 40000 (1575 ipm)
Programmable Travel		
X Axis	mm	140(5.51")
Z Axis	mm	365(14.37")
Axis Thrust		
X Axis	kg	216
Z Axis	kg	216
Guide Ways (X & Z Axes)		Linear Motion Guides
TAILSTOCK		
Quill Diameter	mm	50 (2")
Quill Taper Size		MT4
Quill Thrust Max.	kg	250 (550 lb)
Quill Stroke	mm	120 (4.72")
Tailstock Base Travel	mm	245 (9.65")
ACCURACIES		
Maximum Spindle Run Out At Nose	mm	0.005 (0.00019")
X & Z Axes Accuracies		J/S VDI 3441
Positioning Accuracy	mm	+/-0.005 +/-0.010
Repeatability	mm	0.0025 0.005
MACHINE SIZE AND POWER		
Length (without accessories)	mm	2300 (90.55")
Height	mm	1710 (67.32")
Width	mm	1580 (60.82")
Height of Spindle Center	mm	1035 (40.75")
Weight	kg	3000 (5280 lb)
Power consumptions(without options)	kva	15
CONTROL		
CNC System		Fanuc/Siemens/Mitsubishi
Axes Drive package		Fanuc/Siemens/Mitsubishi
Spindle Drive Package		Fanuc/Siemens/Mitsubishi

MACHINING ZONE



TURNING CAPACITY



HIGHLIGHTS OF Midas 6

- 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
- Side or Rear Provision with wide passage for Chip Disposal
- 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)
- Hi-Speed, Chuck 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 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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