

CNC Universal Turning Machine

Midas 10

L3/L6



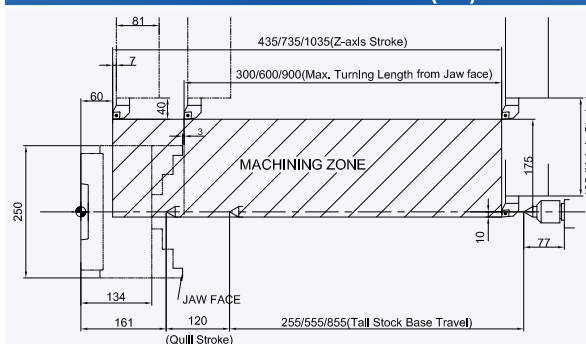
Midas Touch For Ascendancy

CNC Universal Turning Machine **Midas 10 L3/L6**

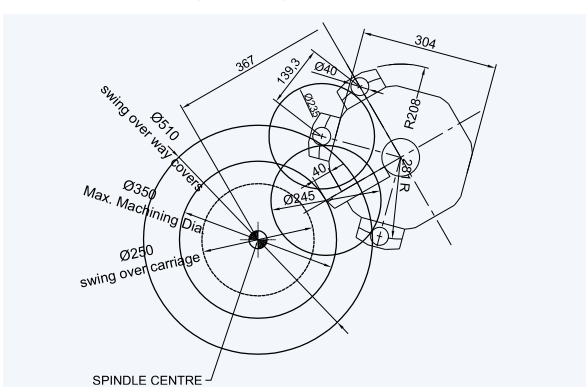
SPECIFICATIONS

		Midas 10 L3/L6	
		L3	L6
CAPACITY	Turning Diameter, Max.	350	
	Turning Length, Max.	435	735
	Swing Clearance Diameters Over Carriage	250	
	Over Way Covers	510	
SPINDLE	Spindle Size	A2-6	
	Hole Diameter Through Spindle	76(3")	
	Front Bearing Bore Size	105(4.13")	
	Rear Bearing Bore Size	95(3.7")	
CHUCK	Chuck Size	250(10")	
	Chuck package	GMT Semi Hollow	
	Maximum Bar Capacity	63.5(2.5")	
TURRET	Index Mechanism	Electro Mechanical	
	No. of Tool Stations	8	
	Turning Tool Shank Size	25x25x150(1"x1"x6")	
	Boring Bar Dia. Max.	40(1.5")	
SPINDLE DRIVE	Spindle Speed Range	30-3000	
	Spindle Power (15min/Cont.Rating)	15/11(20hp/15hp)	
FEED DRIVES	Rapid Traverse (X & Z Axes)	30000 (1181 ipm)	
	Programmable Travel		
	X Axis	180 (7.08")	
	Z Axis	435	735
	Axis Thrust		
	X Axis	432	325
	Z Axis	432	575
TAILSTOCK	Guide Ways (X & Z Axes)	Linear Motion Guides	
	Quill Diameter	80(3.2")	
	Quill Taper Size	MT4	
	Quill Thrust Max.	750 (1650lb)	
	Quill Stroke	120(4.72")	
TAILSTOCK	Tailstock Base Travel	255	555
ACCURACIES	Maximum Spindle Run Out At Nose	0.008(0.00032")	
	X & Z Axes Accuracies	JIS	VDI 3441
	Positioning Accuracy	mm +/- 0.005	mm +/-0.010
	Repeatability	mm 0.0025	mm 0.005
MACHINE SIZE AND POWER	Length (without accessories)	2800	3100
	Height	2300 (90.55")	
	Width	2500 (98.42")	
	Height of Spindle Center	1100 (43.3")	
	Weight	5100 (11220 lb)	
	Power Consumption (without options)	25	
CONTROL	CNC System	Fanuc	
	Axes Drive Package	Fanuc	
	Spindle Drive Package	Fanuc	

MACHINING ZONE (L6)



TURNING CAPACITY



HIGHLIGHTS OF Midas 10 L3/L6

- 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.
- 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.
- 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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