

CNC Universal Turning Machine

Midas 4i



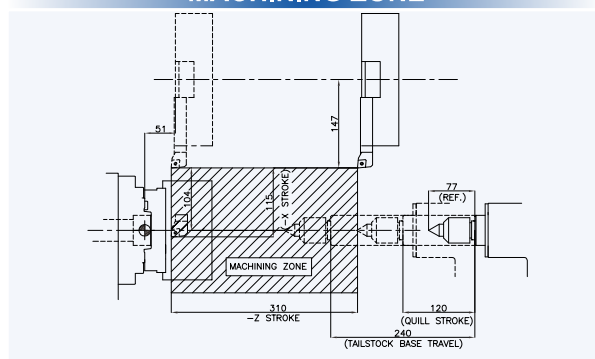
Midas Touch For Ascendancy

CNC Universal Turning Machine **Midas 4i**

SPECIFICATIONS

CAPACITY			
Turning Diameter, Max	mm	200 (8")	
Turning Length, Max.	mm	310 (12.20")	
Swing Clearance Diameters			
Over Carriage	mm	225 (8.86")	
Over Way Covers	mm	420 (16.54")	
SPINDLE			
Spindle Size		A2-4	
Hole Diameter Through Spindle	mm	36 (1.42")	
Front Bearing Bore Size	mm	75 (2.95")	
Rear Bearing Bore Size	mm	65 (2.56")	
CHUCK			
Chuck Size	mm	135 (5.31")	
Chuck package		Hollow	
Maximum Bar Capacity	mm	26 (1")	
TURRET			
Index Mechanism		Electro Mechanical	
No. of Tool Stations		8	
Turning Tool shank size	mm	20x20x125 (0.75"x0.75"x5")	
Boring Bar Dia Max	mm	32 (1.25")	
SPINDLE DRIVE			
Spindle Speed Range	rpm	60-6000	
Spindle Power (30 Mins. / Cont. Rating)	kw	5.5/3.7 (7.5 hp/5 hp)	
FEED DRIVES			
Rapid Traverse (X & Z Axes)	mm/min	30000(1181ipm)/40000(1575ipm)	
Programmable Travel			
X Axis	mm	115 (4.53")	
Z Axis	mm	310 (12.20")	
Axis Thrust			
X Axis	kg	125	
Z Axis	kg	125	
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		JIS	VDI 3441
Positioning Accuracy	mm	+/-0.005	+/-0.010
Repeatatability	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	2800 (6160 lb)	
Power consumptions(without options)	kva	10	
CONTROL			
CNC System		Fanuc / Siemens	
Axes Drive package		Fanuc / Siemens	
Spindle Drive Package		Fanuc / Siemens	

MACHINING ZONE



TURNING CAPACITY

