

## TECHNICAL SPECIFICATION

		FX-1TMC	FX- 2TMC
<b>CONTROLLER</b>	MAX CONTROL AXIS MAX SIM CONTROL AXIS AXIS	BOSCH REXROTH PERFORMANCE 7 4/5(OPTIONAL) X/Y/Z/B/C/W/SP	BOSCH REXROTH PERFORMANCE 10 4/5(OPTIONAL) X/Y/Z1/Z2/A/B/C/W/SP1/SP2
<b>HEAD</b>		VERTICAL	VERTICAL / HORIZONTAL
<b>HIGH SPEED VERTICAL SPINDLE</b>	POWER MAX SPEED MAX TORQUE ADAPTOR TYPE TOOL CLAMPING COOLING SYSTEM	2.7KW 40000 RPM 1 Nm WK-19 PNEUMATIC LIQUID COOLED	2.7KW 40000 RPM 1 Nm WK-19 PNEUMATIC LIQUID COOLED
<b>HORIZONTAL SPINDLE</b>	POWER MAX SPEED MIN/MAX TOOL DIA	- - -	750 WATTS 10000 RPM 10-110 MM (APPROX.)
<b>C AXIS SPINDLE RPM</b>		2200 RPM	2200 RPM
<b>TOOL CHANGER</b>	AUTO TOOL CHANGER TOOL CAPACITY CHIP TO CHIP TIME MAX TOOL LENGTH	DISC TYPE W AXIS 1 to 16 Reg. / 17 to 20 TURNING 12 SEC 75MM	DISC TYPE W AXIS 1 TO 16 Reg. / 17 TO 20 TURNING 12 SEC 75MM
<b>TOOL SETTING SYSTEM</b>	CONTACT PROBE	TOOL TEACH	TOOL TEACH
<b>JOB CLAMPING SYSTEM</b>	PNEUMATIC	CHUCKING /COLLET	CHUCKING /COLLET
<b>MIST COLLECTOR</b>		OPTIONAL	OPTIONAL
<b>WORKING AREA</b>	LINEAR AXIS ROTARY AXIS	X=310/Y=90/Z=165 MM B(-30/110) C360 DEG	X=310/Y=90/Z1=165/Z2=220 MM A(-5/210),B(-30/110), C360 DEG
<b>FEED RATE</b>	M /MIN REV/MIN	X=12/Y=12/Z=12 M/MIN B=2 /C=300 REV/MIN	X=12/Y=12/Z1=12/Z2=12 M/MIN A=148 /B=2/ C=300 REV/MIN
<b>MAX .CONTROL TORQUE</b>		X/B/C 1 KW Y/Z/W 750 WATT -	X/B/C 1 KW Y/Z1/Z2/W/SP 750 WATT A 400 WATT
<b>RESOLUTION</b>	X/Y/Z A/B/C	0.001/0.001/0.001 MM -/0.001/0.001 DEG	0.001/0.001/0.001 MM 0.001/0.001/0.001 DEG
<b>REPEATABILITY</b>	X/Y/Z A/B/C/W	0.008 MM 0.010 DEG	0.008 MM 0.010 DEG
<b>ACCURACY</b>	X/Y/Z A/B/C/W	0.005 MM 0.008 DEG	0.005 MM 0.008 DEG
<b>AUTO LUBRICATION</b>		STANDARD	STANDARD
<b>INSTALLED POWER</b>	KW	10 KW	10 KW
<b>PNEUMATIC SUPPLY</b>	BAR	6 BAR	6 BAR
<b>DIMENTION WITH WOODEN CASE</b>	L/B/H INCHES	55/52/68	55/52/68
<b>WEIGHT</b>	KGS	1150 KG	1250 KG

### SPECIFICATION

- \* The computerised and numerically controlled (CNC) machine is capable of generating various decoration on convex (Oval) surface.
- \* The machine is equipped with CNC controller and AC servo motors to ensure lifelong maintenance free working.
- \* The CNC controller is compatible with leading CAD/CAM software available in the market. The programs are generated in (G) codes and (M) codes. The program can also be generated manually.
- \* All the machine components are machined on precision CNC machine and are hardened and grounded. These components are individually inspected for the accuracies. The machine is assembled in a controlled environment.



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