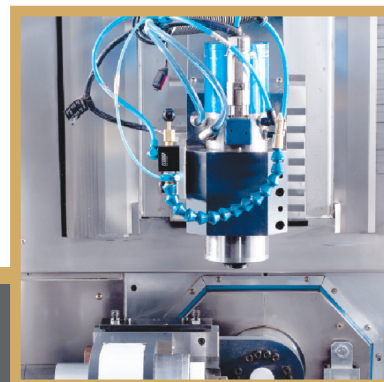




FX-1/2TMC

CNC MACHINE FOR
BANGLE & RINGS



TECHNICAL SPECIFICATION

		FX-1TMC	FX- 2TMC
CONTROLLER	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
HEAD		VERTICAL	VERTICAL / HORIZONTAL
HIGH SPEED VERTICAL SPINDLE	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
HORIZONTAL SPINDLE	POWER MAX SPEED MIN/MAX TOOL DIA	- - -	750 WATTS 10000 RPM 10-110 MM (APPROX.)
C AXIS SPINDLE RPM		2200 RPM	2200 RPM
TOOL CHANGER	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
TOOL SETTING SYSTEM	CONTACT PROBE	TOOL TEACH	TOOL TEACH
JOB CLAMPING SYSTEM	PNEUMATIC	CHUCKING /COLLET	CHUCKING /COLLET
MIST COLLECTOR		OPTIONAL	OPTIONAL
WORKING AREA	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
FEED RATE	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
MAX. CONTROL TORQUE		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
RESOLUTION	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
REPEATABILITY	X/Y/Z A/B/C/W	0.008 MM 0.010 DEG	0.008 MM 0.010 DEG
ACCURACY	X/Y/Z A/B/C/W	0.005 MM 0.008 DEG	0.005 MM 0.008 DEG
AUTO LUBRICATION		STANDARD	STANDARD
INSTALLED POWER	KW	10 KW	10 KW
PNEUMATIC SUPPLY	BAR	6 BAR	6 BAR
DIMENTION WITH WOODEN CASE	L/B/H INCHES	55/52/68	55/52/68
WEIGHT	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 accuries. The machine is assemble in a controlled environment.



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