



DF-M10

**CNC MACHINE FOR
BANGLE & RINGS**



TECHNICAL SPECIFICATION

		DF-M10
CONTROLLER	MAX CONTROL AXIS MAX SIM CONTROL AXIS AXIS	BOSCH REXROTH 10 4 X,Y,Z1,Z2,A,B,C,V,W,SP1,SP2
HEAD		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
HORIZONTAL SPINDLE	SPINDLE AXIS MAX SPEED MIN TOOL DIA. MOTOR POWER	SP-2 12000 RPM 40 MM 400 W
TOOL CHANGER	AUTO TOOL CHANGER TOOL CAPACITY CHIP TO CHIP TIME MAX TOOL LENGTH	DISC TYPE W AXIS 10 12 SEC 75 MM
TOOL SETTING SYSTEM	CONTACT PROBE	TOOL TEACH
JOB CLAMPING SYSTEM	PNEUMATIC	COLLET
MIST COLLECTOR		OPTIONAL
WORKING AREA	LINEAR AXIS ROTARY AXIS	X=75 / Y=250 / Z1=95 / Z2=90 / V=55 A=(190/-5) / B=(92/-28) / C=360 DEG
MAX CONTROL TORQUE	X/Y/Z1/Z2/V A/B/C/SP	100 / 400 / 400 / 400 / 100 W 100 / 750 / 750 / 400 W
RESOLUTION	X/Y/Z1/Z2/V A/B/C/SP	0.001 MM 0.001 DEG
REPEATABILITY	X/Y/Z1/Z2/V A/B/C/SP	0.008 MM 0.010 DEG
ACCURACY	X/Y/Z1/Z2/V A/B/C/SP	0.005 MM 0.008 DEG
AUTO LUBRICATION		STANDARD
INSTALLED POWER	KW	6 KW
PNEUMATIC SUPPLY	BAR	6 BAR
DIMENTION WITH WOODEN CASE	L/B/H INCHES	49/40/62 INCHES
WEIGHT	KGS	700 KGS

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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