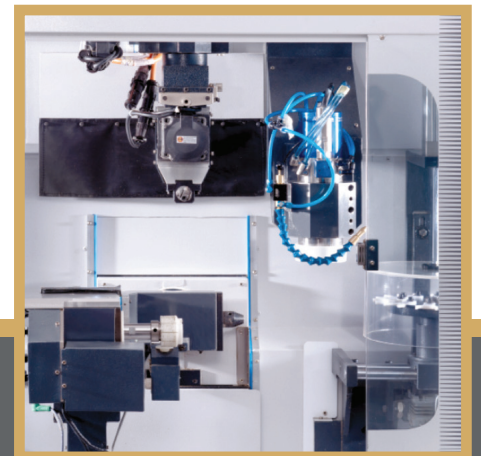




DF-10



**CNC MACHINE FOR
BANGLE & RINGS**



TECHNICAL SPECIFICATION

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