

TECHNICAL SPECIFICATION

		DF-13	DF-14
CONTROLLER	MAX CONTROL AXIS MAX SIM CONTROL AXIS AXIS	BOSCH REXROTH PERFORMANCE 13 4 X,Y,Z1,Z2,Z3,A,B,C,V,W,SP1,SP2,SP3	BOSCH REXROTH PERFORMANCE 14 4 X,Y,Z1,Z2,Z3,A1,A2,B,C,V,W,SP1,SP2,SP3
HEAD		2 VERTICAL, 1 HORIZONTAL	VERTICAL / HORIZONTAL
MAIN SPINDLE VERTICAL	POWER KW MAX SPEED MAX TORQUE ADAPTOR TYPE TOOL CLAMPING COOLING SYSTEM	2.7 KW 40000 RPM 1 Nm WK-19 PNEUMATIC LIQUID COOLED	2.7 KW 40000 RPM 1 Nm WK-19 PNEUMATIC LIQUID COOLED
VERTICAL SPINDLE	SPINDLE AXIS MAX SPEED MOTOR POWER TOOL CLAMPING	SP2 10000 RPM 750 WATTS PNEUMATIC	- - - -
HORIZONTAL SPINDLE	SPINDLE AXIS MAX SPEED MAX TOOL DIA. MOTOR POWER	SP3 10000 RPM 35 MM 750 WATTS	SP2, SP3 10000 RPM 35 MM 750 WATTS
TOOL CHANGER	AUTO TOOL CHANGER TOOL CAPACITY CHIP TO CHIP TIME MAX/MIN TOOL LENGTH	DISC TYPE 20 12 SEC 75 MM	DISC TYPE 20 12 SEC 75 MM
JOB CLAMPING SYSTEM		COLLECT	COLLECT
MIST COLLECTOR		OPTIONAL	OPTIONAL
WORKING AREA	X/Y/Z1/Z2/Z3 A/B/C	375/80/200/225/225 MM (-5/210)/(-30/110)360 DEG	375/80/200/225/225 MM (-5/210)/(-30/110)360 DEG
FEED RATE	X/Y/Z1/Z2/Z3 A/B/C	12/12/12 M/Min 148/22/300 Rev/Min	12/12/12 M/Min 148/22/300 Rev/Min
MAX. CONTROL TORQUE	X/Z1/B Y/Z2/Z3/A/C	1 KW 750W / 750W / 750W / 450W / 750W	1 KW 750W / 750W / 750W / 450W / 750W
RESOLUTION	X/Y/Z1/Z2/Z3 A/B/C	0.001/-/0.001 MM 0.001/-/0.001 DEG	0.001/-/0.001 MM 0.001/-/0.001 DEG
REPEATABILITY	X/Y/Z1/Z2/Z3/V A/B/C/V/W	0.008 MM 0.010 DEG	0.008 MM 0.010 DEG
ACCURACY	X/Y/Z1/Z2/Z3/V A/B/C/V/W	0.005 MM 0.008 DEG	0.005 MM 0.008 DEG
TOOL SETTING SYSTEMS	CONTACT PROBE CONTACT PROBE	TOOL TEACH JOB DIAMETER (OPTIONAL)	TOOL TEACH JOB DIAMETER (OPTIONAL)
AUTO LUBRICATION		STANDARD	STANDARD
INSTALLED POWER	KW	10.5 KW	10.5 KW
PNEUMATIC SUPPLY	BAR	6 BAR	6 BAR
DIMENSIONS WITH WOODEN CASE	L/B/H INCHES	56 X 52 X 71	56 X 52 X 71
WEIGHT	KGS	1350 KG	1350 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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