TC Die Bearing & Sizing Machine
MODEL: MTCBRG 6

Model	MTCBRG 6
Die Size Range	Φ 0.700 – 6 mm
Die Rotation Speed	0 – 1440 rpm
Stroke Speed	0 – 700 double strokes/min
Stroke Length	0-20 mm variable
Die Table Movement	80 mm
Hydraulic Pump	2 HP
Case Size in mm	Φ 25, 28, 43, 55 & 63
Input Voltage	415V, 50 Hz
Ultrasonic power	300 Watts
Machine Dimensions	17x18x44 inches
Net Weight	275Kgs
Gross Weight	350 Kgs

The Machine is designed and developed for bearing formation and sizing of TC Dies. The machine is manufactured with precision engineering and a combination of Lapping & ultrasonic power is used for working the bearing lengths of TC Dies. The main advantage of this machine is that it produces straight bearing with good round, closer tolerances and smooth surface repeatedly. Many dies can be produced with ease as it drastically reduces the hard manual work of the high skilled operator.

The machine especially consists of reciprocating spindle, die holder and ultrasonic generator. Die rotation and stroke speeds are continuously variable using AC drive. Individual controls are provided for die rotation, die table up and down.

Die table up and down is by Hydraulic pressure. Needle stroke is controlled by Cam mechanism and variable. The machine uses GHCS or hardened calibrating pins. Diamond powder with olive oil or diamond suspension is used as a grinding media.
The machine is supplied with a set of spares and standard accessories which makes a package and ready to use.

For Best results, always use Mikrotek Diamond powder or Diamond suspension.
For Bearing formation & sizing, use Mikrortek GHCS or calibrating pins
Speficifications are subject to change without prior notice.

Standard accessories:- Chuck key - 1No, Reverse Jaws - 1 Set, Drill chuck key - 1 No., V belt FHP 2240- 1 No., Timer Belt 210XLx15-1no, Latch Switch 24VDC-2nos, Pot meter 1K Ω -1no, Push to on switches 2nos, Solenoid coil 240 Volts - 1no.

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