Vertical TC Die Working Machine
MODEL: MTCA 10

The machine is designed and developed for working of reduction and bearing portions of the Tungsten carbide dies. Also the machine can be used for working special tools, extruder dies, round bores of hard metals etc.

The machine consists of a high speed grinding spindle and a die table. The needle fixing is by collet arrangement. A precision 3 jaw chuck is used to hold the dies. The spindle stroke, stroke length and the die speed can be varied.

The machine works on a special principle wherein both the reduction and bearing zones of the die can be worked in one setting thereby producing the concentric dies.

The machine is supplied with a set of spares and standard accessories which makes a package and ready to use.

Model	MTCA 10
Die range	0.7 - 15 mm
Die speed	0 - 300 rpm variable
Spindle speed	20,000 rpm (fixed)
Max. Case size	Upto 60 mm
Die Tilting angle	0 - 30º
Stroke length	0 - 10 mm
Stroke speed	0 - 250 St/min variable
Collet dia	ϕ 3,4,5,6 & 8 mm
Die up & down	150 mm
Power supply	440VAC, 3Ph, 50 Hz
M/c Dimension inches	23 X 22 X 30
Net Weight	178 Kgs
Gross weight	233 Kgs

*For accurate die angles use Mikrotek needle grinder Model: MTCG A

*For quick and precise size checking use Mikrotek Measuring pins

*For higher productivity, always use Mikrotek diamond suspensions

For Best results, always use Mikrotek Diamond powder or Diamond suspension.
Speficications are subject to change without prior notice.

Standard Accessories: Steel needles – Ø 3 & 6 X 100 mm long – 100 no's each, Collets – Ø3 & 6 – 2 no's each, Spanners (12-13), (16-17), and (24-26) 2no each, Fuses – 5 amps – 5 nos, Allen key 5mm – 1 no, halogen lamp, 12VAC – 1 no, Flat belt,15X1030X1.5mm – 1 no, 170XL timer belt – 1 no & Latch switch – 1 no. **Optional Accessories:** Collets – Ø 4, 5 & 8 mm are supplied as optional accessories.