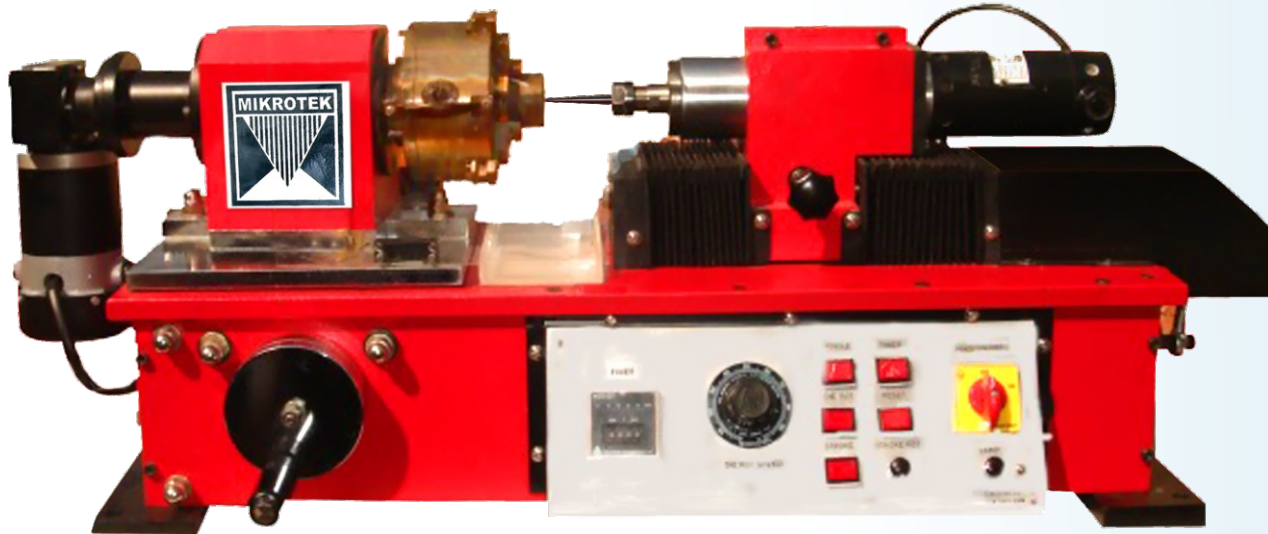


# Horizontal TC Die Working Machine

## MODEL: MTCHA 10/20



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 variable.

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	MTCHA 10	MTCHA 20
Size range	1 - 10 mm	1 - 20 mm
Die Rotation speed	0 - 300 rpm	0 - 300 rpm
Die Tilting angle	0 - 30°	0 - 30°
Max. case size	Upto 75 mm	Upto 125 mm
Spindle speed	6000 rpm (fixed)	6000 rpm (fixed)
Spindle Stroke L	0 - 30 mm	0 - 30 mm
Stroke speed	250 st/min	250 st/min
Collet dia	4 & 6 mm	4,6,8 & 10 mm
Machine dimension in inches	15x32x13	15x32x13
Power supply	220VAC,50Hz,5A	220VAC,50Hz,5A
Nett weight	120 kgs	125 Kgs
Gross Weight	170 Kgs	175 Kgs

Specifications are subject to change without notice

- \*For accurate die angles use Mikrotek needle grinder Model: MTCG
- \*For quick and precise size checking use Mikrotek Measuring pins
- \*For higher productivity, always use Mikrotek diamond suspensions

**Standard Accessories:** MTCHA 10: Steel needles – Ø 4 & 6 mm X100 mm long – 100 no's each, Collets – Ø 4 & 6 mm – 2 no's each, Spanners (16-17), (20-22), and (24-26) 1no each, Halogen lamp, 12V – 1 no, Fuse 5 Amps – 10 no's & Latch switch – 1 no.

Additional for MTCHA20: Ø 8 & 10 X100 mm long – 50 no's, Collets – Ø 8 & 10 mm – 2 no's each, Revers jaws, Chuck key.

**Optional Accessories:** Ø 3, & 8 mm are supplied as optional accessories.



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MTCHA 10/20

GHCS Pins

MTC M

Measuring Pin set

Diamond Powder