

CLEVELAND

UNIVERSAL CUTTER & TOOL GRINDER MODEL: M40



MACHINE FEATURES

- **TILTING WHEELHEAD FOR EASY CLEARANCE SETTING**
- **UNIVERSAL WORKHEAD TO OBTAIN THE MOST SUITABLE ANGLE FOR A SPECIFIC GRINDING JOB**
- **ACCURATE, VERSATILE TABLE**
- **HARDENED AND GROUND WAYS**
- **ANTI FRICTION SLIDE WAY BEARINGS**
- **CENTRALIZED LUBRICATION WHICH LUBRICATES ALL THE REQUIRED POINTS**
- **MADE IN TAIWAN, QUALITY CERTIFIED BY ISO9002 & CE STANDARD**
- **ADAPTED WITH OPT. ATTACHMENTS TO DO LIGHT O.D./I.D./SURFACE GRINDING**

SPECIFICATIONS:

CAPACITY:

SWING OVER TABLE:	10"
DISTANCE BETWEEN CENTERS:	27-1/2"
DISTANCE BETWEEN TAILSTOCK & WORKHEAD:	22-3/4"
TAPER HOLE IN WORKHEAD SPINDLE:	ONE END ASA NO. 50 OTHER END M.T. NO.5 OR B & S NO. 12, PLEASE SPECIFY

TABLE:

T-SLOT (NUMBER & SIZE):	ONE 0.565", 0.563"
WORKING SURFACE:	5-5/16" X 37"
GRINDING WHEEL SPINDLE RPM:	2600, 3700, 6200 R.P.M.
GRINDING WHEEL SPINDLE MOTOR:	1 HP.

RANGE OF MOVEMENT:

LONGITUDINAL MOVEMENT OF TABLE:	16"
CROSS MOVEMENT OF SADDLE:	10"
GRADUATION FOR TABLE SWIVEL MOVEMENT:	±60°
TABLE GRADUATION ON END, FOR TAPER OF:	±10°
VERTICAL MOVEMENT OF WHEEL HEAD:	10"
WHEEL HEAD TILTS:	±15°
WHEEL HEAD SWIVELS:	360°
FROM WHEEL SPINDLE CENTER TO TOP OF TABLE:	MAX. 12" MIN. 2"
FROM WHEEL SPINDLE CENTER TO T-SLOT CENTER:	MAX. 16-1/2" MIN. 6-1/2"

FLOOR SPACE AND WEIGHT:

REQUIRED FLOOR SPACE:	61" X 68-1/2"
DIMENSION OF PACKING CASE:	57-1/2" X 57-1/2" X 59-1/2"
NET WEIGHT OF MACHINE:	2,560 LBS.

MACHINE STANDARD ACCESSORIES:

- WORK HEAD
- LEFT-HAND & RIGHT-HAND TAILSTOCK
- DIAMOND DRESSER HOLDER
- WHEEL GUARDS
- WHEEL GUARD HOLDERS, LONG & SHORT
- UNIVERSAL TOOTH REST PLATE AND BLADE HOLDER EXTENSION
- CENTER GAUGE
- COLLET WRENCH
- PLAIN TOOTH REST HOLDER, WITH OFFSET BLADE
- EJECTOR ROD
- T-WRENCH FOR GRINDING WHEEL SLEEVE
- SLEEVE EXTRACTING BAR
- PIN WRENCH
- MICROMETER ADJUSTABLE TOOTHREST, WITH ROUND TOP BLADE
- LEVELLING PADS, 3 PC
- TOUCH-UP PAINT
- PLAIN TOOTH REST HOLDER, WITH OFFSET BLADE
- REDUCING COLLET B & S NO. 12 X NO. 10, OR MT NO. 5 X NO. 4
- REDUCING COLLET B & S NO. 12 X NO. 9, OR MT NO. 5 X NO. 3
- REDUCING COLLET B & S NO. 12 X NO. 7, OR MT NO. 5 X NO. 2
- GRINDING WHEEL SLEEVES, 5 SETS
- GRINDING WHEELS (6" X 3/4" X 1-1/4", 6" X 1/2" X 1-1/4"[TWO], 3-1/2" X 1-1/2" X 1-1/4", 4" X 1/16" X 1/2",
5" X 1-1/2" X 1-1/4" & 3" X 1/2" X 1/2")
- DOUBLE END WRENCH, NUT WRENCH & ALLEN WRENCH
- WASHER FOR 1/8" DIA. GRINDING WHEEL
- CENTER FOR WORKHEAD SPINDLE B & S NO. 7 (OR M.T. #2)
- 4" SPINDLE EXTENSION
- 4" EXTENSION WHEEL SLEEVE AND COLLAR
- BELT FOR SPINDLE DRIVE (POLY-FLEX BELT)
- DRAW-IN BOLT FOR WORKHEAD AND WASHER
- TOOL CABINET
- EXTENSION AND WASHERS OF SLIT-SAW AND SIDE-MILL CUTTERS

**** WE RESERVE THE RIGHT TO CHANGE DESIGN, COLOR, SPECIFICATIONS, OR PRICE WITHOUT NOTICE ****

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