

CLEVELAND

Manual Knee Mill EVS Head: CKE3

Specification

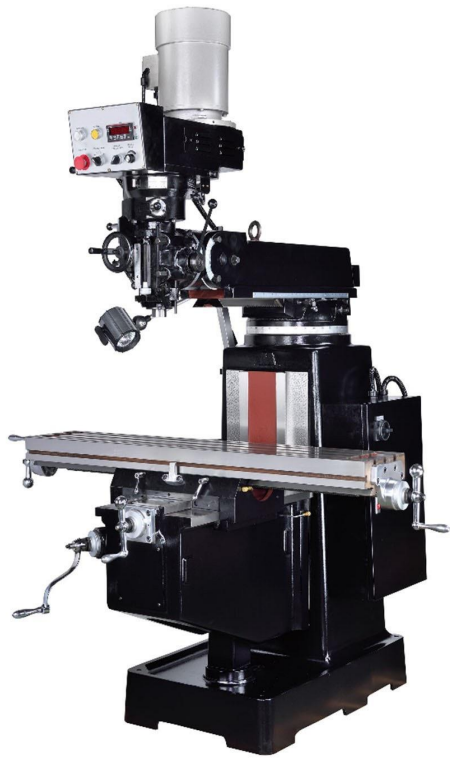


TABLE	10" x 54" (254mm x 1371mm)
X TRAVEL	36" (914mm)
Y TRAVEL	15.75" (400mm)
Z TRAVEL	16" (406mm)
QUILL TRAVEL	5" (127mm)
QUILL DIAMETER	3.38" (86mm)
RAM TRAVEL	24" (610mm)
SPINDLE NOSE TO TABLETOP	1.96" to 17.95" (50- 456mm)
TABLE LOAD CAPACITY	770 LBS (350KGS)
T-SLOT (3)	0.62" x 2.55"
SPINDLE TAPER	R8/NT30
SPINDLE SPEED	70 to 5000 rpm with Hi/Lo gears
TRANSMISSION SPINDLE-MOTOR	Timing belt
HEAD SWIVEL(RIGHT/LEFT)	±90°
HEAD TILTING ANGLE (UP/DOWN)	±45°
SPINDLE MOTOR/MAX POWER	3HP
COOLANT PUMP	1/8 HP
LUBRICATION PUMP	One shot
FLOOR PLAN	110" x 100" x 89"
NET WEIGHT	3080LBS (1400KGS)
POWER REQUIREMENT	4 KVA 3 phase 208V-230V (Max)
TYPE OF OIL FOR OIL WAY	Mobil Vectra #2
AIR Requirement	With Opt. power draw bar 75-100 psi

HIGHLIGHT

1. Meehanite castings mainframe with annealed relieved for long term reliability.
2. Box Way designs on Y axis.
3. X Y Z Hardened & ground with Turcite-B coating guide way
4. Electronic Vari-Speed Head 3HP spindle motor, R8 spindle taper.
5. Digital output 70-5000rpm spindle speed with Hi/Lo Gears.
6. Precision APEC class 7 spindle bearing to ensure spindle run out within 0.0002inch.
7. C7 double nut precision acme lead screws for high accuracy and long lasting.
8. Chip rubber cover (Front & rear).
9. Built in LED Work Light.
10. One shot lubrication system.
11. Easy Tap Function.



Machine Standard

Electronic Variable Speed Head
Huge Digital Spindle speed display
EMG button for safety

Control Panel
LED Work Light
Way Cover

Easy Tap function
Two power outlets(110V)
Tools & Box

One Shot Lubrication
Operation Manual

Machine Options

*Recommended

*PDB-MAX	Power Draw Bar-Maxi-Torque installed
*AL-500SX	Power Feed X-axis for ALIGN installed
AL-500SY	Power Feed Y-axis for ALIGN installed
AL-500SZ	Power Feed Z-axis for ALIGN installed
TC-2-1050	DRO System X & Y Axis (SINO)
C80-2-1050	DRO System X & Y Axis (NEWALL DP-700) installed
C80-3-1050	DRO System X & Y & Quill Axis (NEWALL DP-700) installed
C80-3-K	DRO System X & Y & Knee Axis (NEWALL DP-700) installed
COOL	Coolant System
CPKV	Chip Pan
ALUB	Auto Lubrication (Only available on EVS Machines)
RAA-R8	Right Angle Head (R8)
RAA-30	Right Angle Head (#30 taper)
RS6	Riser block 6" installed
RS8	Riser block 8" installed
PH-CON	Phase Converter 3 phase to single phase



Tools Options

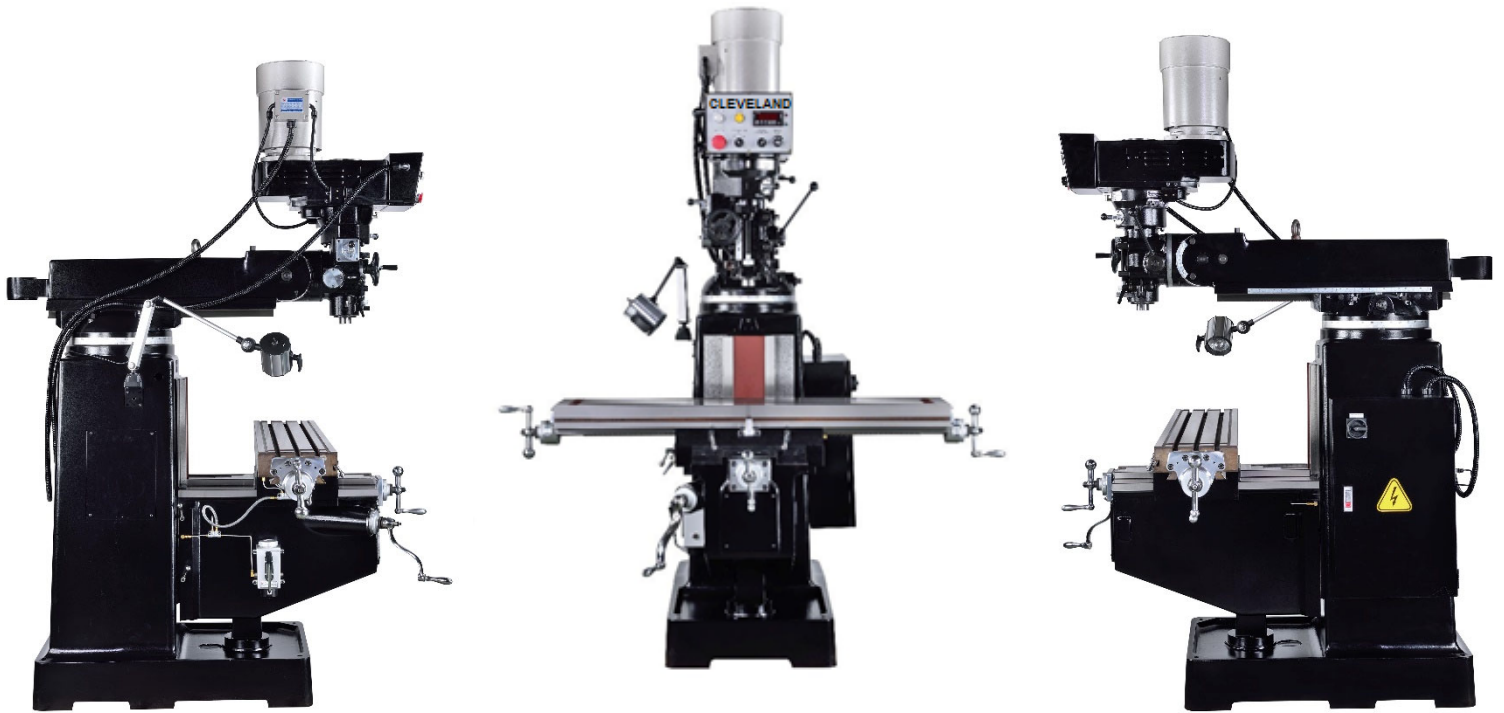
R8 KIT RECOMMEND

CK-101	52pcs Clamping Kit
COL-R8-11	Collet R8 set -11 pcs
R8-APU-16	R8 Keyless Drill Chuck (1/8"~ 5/8")
WISE-6-TW	6" Angle Vise W/ Swivel Base

NT30 KIT RECOMMEND

CK-101	52pcs Clamping Kit
NT30-TOOL6	NT30 Tool Holder set (6 pcs.) 3/8, 1/2, 5/8, 3/4, 1", and Keyless drill chuck (6 pieces)
NT30ER32-10	NT30 ER32 Collet Set (10pcs.) 1/8, 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, +NT30 ER32 chuck*1 + Wrench*1
NT30ER40-17	NT30 ER40 Collet Set (17pcs.) 1/8, 3/16, 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1"+ NT30 ER40 chuck*1 + Wrench*1
WISE-6-TW	6" Angle Vise W/ Swivel Base

Machine Photos



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