

Manual Knee Mill Model: K3EV

- **Electronic vari-speed 3HP spindle motor, R8spindle taper**
- **Inverter 5HP**
- **Digital output 5,000 rpm spindle speed with HI-LO gear**
- Hardened & Groundwith Turcite-B coating guide way
- C7 double nut precision acme lead screws for high accuracy and long lasting
- FC30Meehanitecasting main frame with annealed & stress relieved for long term reliability
- Anti rust chrome quill
- Standard way covers on all three axes
- Tool box & tools
- Precision APEC class7 spindle bearing to ensure spindle run out within 0.0002 in
- **Auto Lube System**
- **Fold away Hand Wheel**
- Built-in Quartz work light
- **Optional: D.R.O & Power Feed X Axis**



Specification

Table:	10" x 54"
Longitudinal travel:	36.37"
Cross travel:	15.75"
Quill travel (Z-axis):	5"
Knee travel (manual):	16"
Quill diameter:	3 3/8" (86 mm)
Spindle nose to table top (D):	3/4"to 16 3/4"(20-426 mm)
Load capacity:	704lbs
Spindle taper:	R8 / #30
Spindle speed:	70 to 5000 rpm with Hi/Lo gear
Transmission of spindle & motor:	Timing belt
Spindle center to column front surface:	6 7/8" to 27 7/8" (175-707 mm)
Ram Travel:	19" (483 mm)

Head

Swivel (left/right):	90°
Tile (front/back):	45°

Motor

Spindle motor:	3HP (Std.)
KVA rating:	4KVA, 15 Amps
Coolant pump (optional):	1/8 Hp
Lubrication pump:	One shot
Power requirement:	4 KVA, 3 Phase 208V to 230V (Max)

Dimension & Weight

Length x Width x Height:	102" x 77" x 84"
Net weight:	2,900 lbs (1315kgs)

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Model	Spindle	Travel X/Y/Z	Tool Change	Inverter	Spindle Motor	FOB CA
K3EV	R8 / #30	36.37/15.75/16"	Manual	5HP	3HP	\$12,195

Standard Accessories

Tools & box	Way cover	Operation manual	Halogen work light
Draw bar	Auto lube system	Leveling bolts & plate	

Optional Machine Accessories

AL-500SX	Power Feed X-axis for ALIGN	\$540
AL-500SY	Power Feed Y-axis for ALIGN	\$580
AL-500SZ	Power Feed Z-axis for ALIGN	\$640
Labor	Installation of Power Feed X axis	\$85
Labor	Installation of Power Feed Y & Z axis /Each axis	\$110
DRO-SINO	DRO System X & Y Axis (SINO)	\$765
C80-2-949	DRO System X & Y Axis (NEWALL)	\$1,715
C80-3-949	DRO system X & Y & Quill axis (NEWALL)	\$2,336
C80-3-K	DRO system X & Y & Knee axis (NEWALL)	\$2,336
Labor-DRO 2 Axis	DRO Installation 2 Axis	\$195
Labor-DRO 3 Axis	DRO Installation 3 Axis	\$265
CHIP-A1	Chip Pan (Aone Knee Mill)	\$220
CK-001	52pcs Clamping Kit (Import) slot: 5/8" (16mm) stud: 1/2-13	\$90
COL-R8-11	Collet R8 set -11 pcs (Import)	\$90
COL-R8-LY	Collet R8 Lyndex Collet Set-11pcs	\$360
PDB-MAX	Power Draw Bar-Maxi-Torque	\$720
Labor-PDB MAX	Installation of Power Draw bar	\$110
VRA-R8	Right Angle Attachment (R8 Tapper)	\$680
RB6-A1	6" Riser Block for Knee Mill	\$700
RB8-A1	8" Riser Block for Knee Mill	\$750
Labor-RB	Installation of any riser block	\$160
WISE-6	6" Angle Vise W/ Swivel Base (Import)	\$360

Additional Accessories Information

Power requirement: 4 KVA 3 phase 208V to 230V (Max)
 Air requirement: With opt. power draw bar 90 - 100 psi
 Type of oil for way oil / pneumatic oil:..... Mobil Vectra #2 / Air tool oil
 Coolant capacity: 6 Gallons

Terms & Conditions

F.O.B.: Pomona, CA 91768
 Delivery: Please check with Atrump's Sales Team
 Standard Terms Of Payment: 20% down-payment, balanced due on machine delivery
 Taxes: Federal, State, Local Taxes are the responsibility of Purchaser.
 Validity: This proposal is valid for 30 days.
 Warranty: One-year limited warranty for any defects in material or workmanship of machine tool and factory installed components. Visit <http://atrump.com/policies.html> for full warranty details & contract.
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