



MANUAL KNEE MILL MODEL: AONE-5VK

MACHINE FEATURES

- **Machine finished in Taiwan with China casting**
- **5 HP Spindle Motor, NST40/NMTB40 Spindle Taper**
- **3,900 rpm spindle speed with HI-LO gear**
- Hardened & Ground with turcite-B coating guide way
- C7 Double nut precision acme lead screws for high accuracy and long lasting
- FC30 Meehanite Casting main frame with annealed & stress relieved for long term reliability
- Heavy duty square slideway on Y and Z-axis
- 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
- Automatic lubrication system
- Power Knee
- Built-in coolant System
- Chip Tray
- Built-in Quartz work light



Specification:

Table:	12" x 60"
Longitudinal travel (X-axis):	43"
Cross travel:	17.5"
Knee travel:	19"
Quill diameter:	4.13" (105 mm)
Quill travel:	5.5"
Spindle nose to table top (D):	2-1/4" - 21-7/8"
Load capacity:	990 lb
Spindle taper:	NST40
Spindle Speed (r.p.m.):	70 to 3900 rpm with Hi/Lo gear
Transmission of spindle & motor:	Timing Belt
Spindle center to column front surface:	6-3/8-23-1/4"
Ram Travel:	20"

Motor:

Spindle motor/max torque:	5 HP (Std.) 3.7 KW
KVA rating:	18 AMPS
Coolant pump (STD)	1/8 Hp
Lubrication pump:	Auto
Power requirement:	6.5 KVA, 3 Phase 208-230 voltage
Length X Width X Height (LXWXH):	114" X 71" X 90"
Net Weight:	4300 lbs. (1955 Kgs)



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MODEL	SPINDLE	Travel X/Y/Z	Tool Change	Power Knee	SPINDLE MOTOR	FOB CA
5VK	NST40	43/17.5/19"	Manual	Z-axis	3.7 KW (5 HP)	\$14,960

STANDARD ACCESSORIES:

Tools & box	Draw bar	Power Knee
Leveling bolts & plate	Auto lube system	Halogen work light
Way cover	Coolant System	
Operation manual	Chip Tray	

Additional Accessories information:

Power requirement	6.5 KVA 3 phase 208 V/230 Vmax
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	7 Gallons

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 www.ATRUMP.com/policy for full warranty details & contract.

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