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AONE KNEE TYPE CNC MILLING MACHINE



3VK
3-AXIS

3VK
2-AXIS



MACHINE FEATURES

- Machine finished in Taiwan with China casting
- 3HP Spindle Motor, R8 or NST30 Spindle Tapper
- 5,000 rpm spindle speed with HI-LO gear
- Hardened & Ground with turcite-B coating guide way
- Precision ballscrews for high accuracy and long lasting
- FC30 Meehanite Casting main frame with annealed & stress relieved for long term reliability
- Anti rust chrome quill
- Box ways design on Y axis to provide maximum rigidity & stability
- Standard way cover on three axes
- Tool box & Tools
- Precision APEC class7 spindle bearing to ensure spindle run out within 0.0002
- Auto-lubrication system
- Built-in Quartz work light
- Hard limit switch
- Rigid Ram Design to support heavy cutting --(3VK 3AXIS)



3VK 3-AXIS

SPECIFICATIONS

MODLE	3VK 2-AXIS	3VK 3-AXIS
Table	10" x 50"	
Longitudinal travel (X axis)	31"	
Cross Travel (Y axis)	14 1/2"	
Knee travel (manual)	16"	
Quill travel (Z axis cnc)	5"	4"
Quill diameter	3.375" (86 mm)	
Spindle nose to table top	0.75" -16.75" (20 - 426mm)	
Load capacity	600 lbs	
Spindle taper	R8 / NST30	
Spindle Speed (r. p.m.)	70 to 5000 rpm with Hi/Lo gear	
Transmission of spindle & motor	Timing Belt	
Spindle center to column front surface	6.875" to 27.875" (175 - 707mm)	
Head		
Swivel (left/right)	90 degree	--
Tile (front/back)	45 degree	--
Motor		
Spindle motor/max torque	3HP (Std.) 5HP (Opt.)	
KVA rating	4KVA, 15amps	
Coolant pump	1/8 Hp	
Drive Motor	DC servo motor	
Floor Space(LxWxH)	102" x 77" x 84"	
Net Weight	3,100 lbs. (1420 Kgs)	



3VK 2-AXIS

*We reserve the right to change the design, color or specification without notice.
 *The data above is with a Centroid Control. A different control, may change data.
 Please obtain correct data from the price sheet.

