



Manual Knee Mill MODEL: 2VSG with free D.R.O & Feed

MACHINE FEATURES

- Machine finished in Taiwan with China casting
- 3HP Spindle Motor, R8 Spindle Taper
- 4,200 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
- 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
- One shot lubrication system
- Built-in Quartz work light



Specification:

| | |
|---|--------------------------------|
| Table: | 9" x 49" |
| Longitudinal travel (X-axis): | 36" |
| Cross travel: | 12" |
| Quill travel: | 5" |
| Knee travel (manual): | 16" |
| Quill diameter: | 3.375" (86 mm) |
| Spindle nose to table top (D): | 0.75"-16.75" (20-426 mm) |
| Load capacity: | 600 lb |
| Spindle taper: | R8 |
| Spindle Speed (r.p.m.): | 70 to 4200 rpm with Hi/Lo gear |
| Transmission of spindle & motor: | Timing Belt |
| Spindle center to column front surface: | 6.875" to 27.875" (175-707 mm) |
| Ram Travel: | 12" |

Head:

| | |
|----------------------|-----------|
| Swivel (left/right): | 90 degree |
| Tile (front/back): | 45 degree |

Motor:

| | |
|----------------------------------|--------------------------------|
| Spindle motor/max torque: | 3HP (Std.) |
| KVA rating: | 4KVA, 15amps |
| Coolant pump (optional) | 1/8 Hp |
| Lubrication pump: | one shot |
| Power requirement: | 4 KVA, 3 Phase 208-230 voltage |
| Length X Width X Height (LXWXH): | 101" x 70" x 82" |

Net Weight: 2,600 lbs. (1182 Kgs)



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| MODEL | SPINDLE | Travel X/Y/Z | Tool Change | Table Feed | SPINDLE MOTOR | READOUT | FOB CA |
|-------|---------|-----------------|----------------|---------------|------------------|---------|----------------|
| 2VSG | R8 | 36/12/16" | Manual | Align(X) | 2.2Kw (3HP) | Sino | \$6,875 |

STANDARD ACCESSORIES:

| | | |
|------------------------|-------------------------|------------------------------------|
| Tools & box | Align X-axis power feed | Sino 2-axis digital readout system |
| Leveling bolts & plate | Draw bar | Halogen work light |
| Way cover | One shot lube system | |
| Operation manual | R8 collect holder | |

Additional Accessories information:

| | |
|---|---------------------------------------|
| Power requirement | 4 KVA 3 phase 208V/230Vmax |
| 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 60 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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