CLEVELAND

MODEL: A3VHG VERTICAL KNEE MILL

MACHINE FEATURES:
10"x54" bridgeport style knee mill
Digital Read Out system (Optional)
X-axis power feed (Optional)
3HP main motor
R8/#30 spindle taper
4200 rpm spindle speed
- 3HP Spindle Motor, R8 Spindle Taper
- 4,200 rpm spindle speed with HI-LO gear
- Hardened & Ground with turcite-B coating guide way
- 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
- 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
- One shot lubrication system
- Built-in Quartz work light
Specification:

Table: 10” x 54”
Longitudinal travel (X-axis): 36”
Cross travel: 15 3/4”
Z axis travel cnc quill: 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)
Head:
Swivel (left/right): 90 degree
Tile (front/back): 45 degree
Motor:
Spindle motor/max torque: 3HP (Std.)
KVA rating: 4KVA, 15 amps
Coolant pump (optional): 1/8 Hp
Lubrication pump: one shot
Power requirement: 4 KVA, 3 Phase 220 or 440 voltage
Length x Width x Height: 102” x 77” x 84”
Net Weight: 2,900 lbs

STANDARD ACCESSORIES:

<table>
<thead>
<tr>
<th>Tools &amp; box</th>
<th>R8 Collet Holder</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leveling bolts &amp; plate</td>
<td>One shot lube system</td>
</tr>
<tr>
<td>Draw bar</td>
<td>Halogen work light</td>
</tr>
<tr>
<td>Way cover</td>
<td>Operation manual</td>
</tr>
</tbody>
</table>

Additional Accessories information:

| Power requirement          | 3 phase 220 V or 440 V        |
| 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                     |

CLEVELAND MACHINERY SALES INC.
5000 BROOKPARK ROAD
CLEVELAND, OHIO 44134
PHONE: 216-741-8900
FAX: 216-741-8995
WEBSITE: www.clevelandmachinery.com
EMAIL: sales@clevelandmachinery.com