

Champ CNC Knee Mills



Standard Features:

- 3 HP variable speed head
- 60-550-4500 spindle RPM
- AC-Freq inverter head (single-phase or 3-phase capable, large digital spindle rpm display with real-time load meter)
- Automatic centralized lubrication system with metered check-valves
- Hardened and Ground (Hrc-52) table surface and all slide ways
- Easy conversational programming, DRO-mode allows for full manual operations
- Engraving feature and DXF file import capability built-in, 3.5" floppy drive and 10" flat panel color LCD display

SPEC\MODEL	2VH-2EVS-MillPwr G2 2/3	3VH-3EVS-MillPwr G2 2/3	4VH-4EVS MillPwr G2 2/3
Table Size:	49" x 9" (42" x 9" Optional)	10" x 50" (10" x 54" Optional)	12" x 50"
Table Travel (X-Axis):	31" (28"/24" Opt.)	32"	30"
Saddle Travel (Y-Axis):	11"	14"	15"
Knee Travel (Z-Axis):	15"	15"	15.25"
Quill Travel:	4" w/ MillPwr-3 cnc control	4" w/ MillPwr-3 control	4" w/ MillPwr-3 CNC control
Ram Travel:	14.5"	22"	22"
Spindle Motor:	3 HP	3 HP (Inverter-duty)	3 HP (Inverter-duty)
Spindle Speed:	60-550-4500 RPM (60-6000* on HS head optional)	60-550-4500 RPM (60-6000* on HS head optional)	60-550-4500 RPM (60-6000* on HS head optional)
Spindle Taper:	R-8(NMTB-30 or Quick change spindle optional)	R-8	R-8
Quill Diameter:	3.375"	3.375"	3.375"
Quill Feed Rate:	0.0015/0.003/0.006" per rev	0.0015/0.003/0.006" per rev	0.0015/0.003/0.006" per rev
Drilling Capacity (Manual):	0.75" Diameter	0.75" Diameter	0.75" Diameter
Drilling Capacity (Power):	0.37" Diameter	0.37" Diameter	0.37" Diameter
Boring Capacity:	6.0" Diameter	6.0" Diameter	6.0" Diameter
Milling Capacity:	2.0 in3/min	2.0 in3/min	2.0 in3/min
Maximum Work Load (Center):	850 LBS	850 LBS	850 LBS
Spindle Nose to Table Surface:	18.25"	2.75" - 17.75"	2.75" - 18"
Spindle Center to Column:	5" - 19.5"	5" - 27"	5" - 27"
Machine Net Weight:	2500 LBS	3100 LBS	3400 LBS
Shipping Weight:	2800 LBS	3300 LBS	3600 LBS
Shipping Dimension:	72" x 72"	72" x 72"	72" x 72"