

CNC VERTICAL TURRET MILLING MACHINE

Palmgren's CNC Milling Machines offer cost effective solutions to all your milling needs. Designed for more complex workpieces Palmgren's CNC Milling Machines offer strength, and rigidity while providing greater versatility. Simple to set up and operate, these mills produce more parts, faster and with better tolerances than standard manual mills.

Combined with a Fagor CNC 8055 FL 3-Axis Control, Palmgren's CNC Mills provide faster programming, set-up, and machining. This combination of Palmgren Mills and Fagor controls, offer you the most cost-effective solutions in chip making profitability.

STANDARD FEATURES:

- Variable speed drive
- Heavy duty spline motor drive system
- Vent air cooling system brings air around, through and over the variable speed drive reducing heat expansion
- Heavy duty spindle brake
- Forward / Reverse drum switch
- Fine down feed hand wheel
- Dual taper roller spindle bearing
- Draw bar
- Standard quill power feed and automatic micrometer depth stop
- Heavy duty extended travel ram
- Turret rotates 360 degrees
- The milling head rotates 90 degrees either side of center and can be tilted up to 45 degrees forward and backward from center
- Internally ribbed, box column
- Precision ground and t-slotted table
- Flame hardened to RC 50-54, ground and hand scraped ways
- One-shot lubrication system
- 3HP - 230/460V - 3PH

Item # 9680179

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Spindle Taper:	R8
Diameter of Quill:	3-3/8"
Number of Spindle Speeds:	Variable
Range of Spindle Speeds:	70 - 3800 RPM
Spindle Travel:	5"
Head Movement (L to R):	180°
Head Tilt:	45°
Downfeed per revolution of spindle:	0.003", 0.006" 0.0015"
Maximum Distance Spindle to Table:	20"
Maximum Distance Spindle to Column:	30"
Minimum Distance Spindle to Column:	14"
Collet Capacity:	1/8" - 1"
Size of Table:	9" x 49"
Longitudinal Table Travel/X-Axis	22"
Cross Table Travel/Y-Axis	13"
Number of Table Slots:	3
T-Slot Size:	5/8"
T-Slot Centers:	2-1/2"
Maximum Weight of Workpiece:	500 Lbs
Travel of Knee:	16"
Overarm Travel:	12-1/4"
Slide Ways - Hardened & Ground Cross Table/ Transversely/ Y-Axis Way:	Dove Tail
Table Knee/Z-Axis Way:	Dove Tail
Overall Dimensions (WxDxH):	65-1/2" x 63" x 80"
Motor:	3HP - 230/460V - 3PH
Gross Weight (aprox):	2200 lbs.