

24.5" X 7" VERTICAL MACHINING CENTER

Palmgren Vertical Machining Centers provide a compact solution for machining small parts and are valuable for shops in need of a "second-op" machine, or additional spindle where needed. Production lines, shorts runs, one-offs and prototyping are the perfect application for these machines. The machines minimal footprint allows it to fit into small areas of a shop where a large machine simply could not go. Quality is our main goal, so every Palmgren Machining Center is tested to assure that they meet the highest quality and accuracy standards. The rigidity of their construction allows for improved accuracy and repeatability when machining. The long-term reliability and precision are the result of the quality of components and the craftsmanship that goes into their construction. The Siemens 808 control is the brains behind the brawn of this machine. This control is perfectly configured to meet the needs of an entry level operator with its simple to use and intuitive interface.

STANDARD FEATURES:

- Linear guides for all three axes
- Balls screws for all three axes
- Safety switches on all doors for improved safety while machining
- Central lubricating system delivers oil to guideways and ball screws to provide long life and reduce maintenance requirements
- Fully integrated, flood coolant system and chip tray for easy machine cleaning and chip removal
- Siemens 808 control with handwheel

Item # **9680191/9680192**



User-friendly portable handwheel

Item #	9680191	9680192
Electric Supply		
Driving Motor	2 HP	
Coolant Pump	0.1 HP	
Torque Motor (X, Y, Z-Axis)	1.75/1.75/1.75 ft-lb	
Voltage	230V	460V
Phase	3-Phase	
Spindle		
Spindle Taper	BT30	
Spindle Speed	50-4000 RPM	
Distance Spindle-Column	8.75"	
Face Milling Dimension (Max)	1.5"	
End Milling Dimension (Max)	1"	
Table		
Table Length x Width	24.5" x 7"	
Distance Spindle-Table	1.5" - 11"	
T-Slot Size	0.5"	
T-Slot Distance	2"	
Number Of T-Slots	3	
Load (Max)	66 lbs.	
Travel		
X-Axis	14"	
Y-Axis	6.75"	
Z-Axis	9.5"	
Rapid Feed (X, Y, Z-Axis)	236"/Min	
Accuracy		
Positioning Accuracy	+/- 0.0008"	
Repeatability Accuracy	+/- 0.0004"	
Dimensions		
Coolant Tank Capacity	12 Gal.	
Overall Dimensions (LxWxH)	55.5" x 52.5" x 71.5"	
Packing Dimensions (LxWxH)	60" x 56" x 80"	
Net Weight	1,433 lbs.	
Gross Weight	1,698 lbs.	