

## 11" X 24" CNC TURNING CENTER

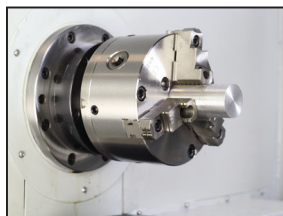
Palmgren CNC Turning Centers are compact turning centers perfect for production, short runs, one-offs and prototyping. These machines provide an economical solution for machining small parts and are valuable for shops in need of a "second-op" machine, or additional chuck where needed. With their 6-tool electronic turret, these machines are the perfect solution for prototype or short run shops. The machines small footprint allows it to fit into small areas of a shop where a large machine simply could not go. Every Palmgren CNC Turning Center is manufactured and tested to assure that they meet the highest quality and accuracy standards. Their rigid construction allows for improved accuracy and repeatability when machining. Their long-term reliability and precision are the result of the quality of components and the craftsmanship that goes into their construction. The machines are run by a Siemens 808 control, with its intuitive interface, that is perfectly configured to meet the needs of any level of operator.

### STANDARD FEATURES:

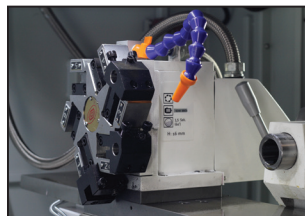
- 6-tool electronic turret allows for rapid tool changes
- Hardened bed guideways
- Fully integrated flood coolant system and chip tray, for easy machine cleaning and chip removal
- Ball screws on 2 axes
- Central lubricating system delivers oil to guideways and ball screws to provide long life and reduce maintenance requirements
- Safety switches on all doors for improved safety while machining
- LED lamp provides improved lighting while machining

Item # **9680193/9680194**

Item #	9680193	9680194
<b>Electric Supply</b>		
Driving Motor	3 HP	
Coolant Pump	0.05 HP	
Voltage	230V	460V
Phase	3-Phase	
<b>Capacity</b>		
Swing Over Bed	11"	
Swing Over Cross Slide	8"	
Center Width	23.75"	
Center Height	5.5"	
<b>Spindle</b>		
Spindle Nose	MT4	
Spindle Taper	1:4	
Spindle Bore	1"	
Spindle Speed Range	1.2"-157.5"/Min	
Lathe Chuck	5"	
<b>Tool Changer</b>		
Type	Electric	
Number Of Tool Positions	6	
Section Of Tool (Max)	1/2" x 1/2"	
<b>Travel</b>		
X-Axis	7"	
Z-Axis	18.25"	
X-Axis Rapid Speed	118"/Min	
Z-Axis Rapid Speed	98.5"/Min	
<b>Accuracy</b>		
Positioning Accuracy	+/- 0.0008"	
Repeatability Accuracy	+/- 0.0004"	
<b>Tailstock</b>		
Tailstock Taper	MT2	
Tailstock Sleeve Diameter	1.25"	
Tailstock Sleeve Travel	3.25"	
<b>Dimensions</b>		
Coolant Tank Capacity	6.6 Gal.	
Overall Dimensions (LxWxH)	73" x 38" x 57"	
Packing Dimensions (LxWxH)	84" x 46" x 69"	
Net Weight	926 lbs.	
Gross Weight	1146 lbs.	



5" Lathe Chuck



6-tool electronic turret allows for rapid tool changes



Manual hand jog for ease of operator use