

13" X 25" CNC TURNING CENTER

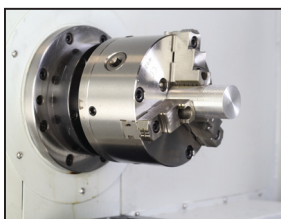
Palmgren CNC Turning Centers are the ideal solution for prototyping all the way through full production. Each machine has an 6-tool electronic turret, making Palmgren CNC Turning Centers the perfect solution for prototype or short run shops. These machines provide a simple solution for machining small parts, as well as, shops in need of a "second-op" machine. These machines can be placed in small areas of a shop where larger machines simply could not go. Every machine is manufactured to assure that they meet the highest quality and accuracy standards. The rigidity of these machines allows for improved accuracy and repeatability while machining. The long-term reliability and precision are the result of the quality of components and the craftsmanship that goes into their construction. The brains of these machines lie in the Siemens 808 control with standard handwheel for ease of operator use. This control is perfectly configured to meet the needs of an entry level operator with its simple to use and intuitive interface.

STANDARD FEATURES:

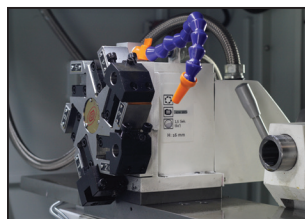
- High-speed spindle
- 6-tool electronic turret allows for rapid tool changes
- Hardened bed guideways
- Fully integrated flood coolant system and chip tray, for easy machine cleaning and chip removal
- Ball screws on 2 axes
- Central lubricating system delivers oil to guideways and ball screws to provide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

Item # 9680197/9680198

Item #	9680197	9680198
Electric Supply		
Driving Motor	5 HP	
Coolant Pump	0.1 HP	
Voltage	230V	460V
Phase	3-Phase	
Capacity		
Swing Over Bed	13.5"	
Swing Over Cross Slide	6"	
Center Width	24.75"	
Center Height	6.75"	
Spindle		
Spindle Nose	A2-4	
Spindle Taper	1:20	
Spindle Bore	1.5"	
Spindle Speed Range	1.2"-137.8"/Min	
Lathe Chuck	6.25"	
Tool Changer		
Type	Servo	
Number Of Tool Positions	6	
Section Of Tool (Max)	5/8" x 5/8"	
Travel		
X-Axis	7.25"	
Z-Axis	21.25"	
X-Axis Rapid Speed	236.2 Inch/Min	
Z-Axis Rapid Speed	315 Inch/Min	
Accuracy		
Positioning Accuracy	+/- 0.001"	
Repeatability Accuracy	+/- 0.0004"	
Tailstock		
Tailstock Taper	MT3	
Tailstock Sleeve Diameter	1.8"	
Tailstock Sleeve Travel	4.75"	
Dimensions		
Coolant Tank Capacity	8 Gal.	
Overall Dimensions (LxWxH)	76.75" x 56.25" x 67.5"	
Packing Dimensions (LxWxH)	81.5" x 65" x 81"	
Net Weight	2866 lbs.	
Gross Weight	3307 lbs.	



6.25" Lathe Chuck



6-tool electronic turret allows for rapid tool changes



Manual hand jog for ease of operator use