

CNC CARBIDE CIRCULAR SAWS

Palmgren's CNC carbide cold saws are the ideal choice for cutting diameters up to 4" in short lengths and thousands of parts. We have incorporated advanced metal cutting technology into a cold saw providing full automation for intricate and precise, fast cuts. These saws cut more parts per hour as well as more parts per blade than a standard production saw. The heavy duty construction combined with the CNC control provides more rigidity and reduces vibration for higher cutting rates, exceptional accuracy, superior surface finish and increased blade life.

STANDARD FEATURES:

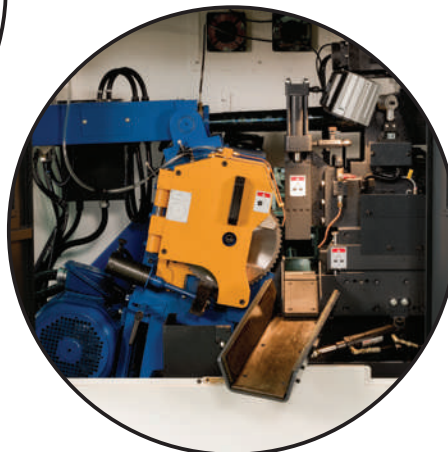
- Easy to use operator controls
- Automatic separation of cut parts through discharge chute
- Hydraulic controlled power chip brush
- Mist coolant system
- Scraper type automatic chip conveyor
- Material feed system utilizes servo motor and precision ball screw for accurate movement and positioning of the workpiece
- 45 Degree slant bed approach of the saw head and blade
- Saw head travels and is fed into the material via servo motor and ball screw
- Secure workpiece clamping from both the sides and the top
- High RPM with minimal kerf and swarf
- Surface finish from 40 – 80 RMS
- Cut operation from 7 to 50 seconds depending on size and type of material
- Eliminates secondary operations

Item #	9684482	9684483
Round Capacity	0.3" - 3"	0.39" - 4"
Rectangle Capacity	0.3" x 0.3"-2.36" x 2.36"	0.39" x 0.39"-3.4" x 3.4"
Blade Diameter	11-1/4"	14"
Blade Speed	50-200 RPM	50-200 RPM
Main Motor	15HP	15HP
Voltage	230V	230V
Phase	3 PH	3 PH
Hydraulic Motor	2HP	2HP
Hydraulic Tank	10.5 Gallons	13.2 Gallons
Cutting Amount Setting	1-9999	1-9999
Feeding Stroke	0 - 23.6"	0 - 23.6"
Dimensions (L x W x H)	269" x 103" x 86"	273" x 111" x 88"
Weight	7,150 lbs.	7,920 lbs.



CONTROL PANEL

LCD touch panel display allows for easy setup and operation of the saw.



A LOOK INSIDE THE MACHINE

Full cast iron construction provides the rigidity and strength required to quickly cut even the hardest of materials.