# **PALMGREN**®

### 12" X 20" HORIZONTAL BAND SAW

Item Numbers 9683298 & 9683299



### **FEATURES**

### **ADVANTAGES**

### **BENEFITS**

Heavy duty cast iron and steel construction	Minimal deflection & vibration	<ul><li> Quiet operation</li><li> Lower maintenance costs</li><li> Improved accuracy</li></ul>
Variable speed drive system	Easy to change speeds     Allows operator to fine-tune blade speed to material being cut	<ul> <li>Better efficiency &amp; performance</li> <li>Maximizes blade performance</li> <li>Allows for faster cutting rates</li> <li>Lower costs per cut</li> </ul>
Powertrain - Heavy duty oil bath worm & gear transmission	Delivers consistent surface feet per minute to the blade	<ul><li>Lower maintenance costs</li><li>Longer blade life</li><li>More accurate cuts</li></ul>
Deluxe work stop	Easily adjustable to workpiece length     Accurately handles both small & large workpieces	<ul> <li>Allows for accurate repetition of cuts</li> <li>Delivers consistent accuracy</li> <li>Increases productivity</li> <li>Lower cost per part</li> </ul>
Adjustable hydraulic down feed system with adjustable counter balance spring	Accurate fine feed control     Smooth consistent feed rate	<ul><li>Extends blade life</li><li>Improves accuracy of cut</li><li>Lower cost per cut</li></ul>
Blade tension indicator with large hand wheel to ensure proper blade tensioning	Blade installs easily & quickly from the top of the machine     Indicator ensures proper blade tension	<ul> <li>Easier faster blade changes</li> <li>Improves blade performance &amp; life</li> <li>Greater operator safety</li> <li>Increased productivity</li> </ul>
Automatic shut off at the end of cut	Readies saw for set up of next cut	Greater operator convenience & safety
Semi- Automatic Cycle (Cycle - blade start, coolant start, saw head feeds down, finish cut, blade stops, coolant stops, saw head retracts to a preset height	Provides automatic down feed and return of the saw head with the push of a button	<ul> <li>Increased operator convenience</li> <li>Cuts faster, reducing time per cut</li> <li>Increases through-put</li> <li>Lower cost per cut</li> </ul>
Precision ball bearing & carbide blade guides with adjustable arm	<ul> <li>Easily adjustable ball bearing &amp; carbide guides</li> <li>Carbide pads positioned closest to the material being cut</li> <li>Ensures maximum blade support</li> <li>Ensures fast &amp; easy positioning</li> </ul>	<ul> <li>Ensures proper blade alignment</li> <li>Delivers consistent accuracy</li> <li>Maximizes blade performance</li> <li>Longer blade life</li> </ul>
Flood coolant system & blade brush	Most effective way to remove chips for the blade & workpiece	<ul><li>Longer blade life</li><li>Increased productivity</li><li>Lower cost per cut</li></ul>
Quick acting vise	Fast clamping action with conventional tightening     Miter capabilities up to 45 degrees	Increased productivity & efficiency

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Conveniently located moveable operating control panel	<ul> <li>All the controls are positioned in a moveable control panel that moves from the front, to the side or the back of the machine</li> <li>All controls are marked for easy identification &amp; use</li> </ul>	Greater operator convenience & safety     Increased productivity
Safety Electrical Package	Low voltage protection with 24 volts at the switches	Greater operator safety
Speed & Pitch Saw Blade Selector	Provides easy selection of the saw blade, speed, feed and pitch tooth selection	Improves accuracy of cut     Increases efficiency & performance     Longer blade life