



## Product Description

### Plate Saws

#### > Continuous Moving Material Saws

The PMR-21 is used primarily for specialty sawing applications like splitting I-Beams into "T" structural shapes or splitting other structural shapes like tubing. The material advances on a powered roller table traversing through the blade guided by a Top Clamp Roller keeping it engaged with the powered rollers.

## Standard Features

Computerized Control of Roller Table Travel  
 Control Console w/ 9" Touch Screen  
 Industrial IOT Ready - MTConnect Output  
 Right Angle Guide Arms for Strip Cutting  
 Variable Blade Speed w/ Readout on Touch Screen  
 2 x Adjustable Roller Vise Guides  
 Carbide Blade Guides  
 Active "Cut Watcher<sup>®</sup>" System  
 Powered Blade Tension  
 Guide Arm - Powered  
 10' Powered Roller Load Table w/ Vertical Alignment  
 Roller, Top Clamp, Low Speed / High Torque Vector Drive  
 10' Powered Roller Discharge Table w/ Vertical Alignment  
 Roller, Top Clamp, & Low Speed / High Torque Vector Drive  
 Coolant System - Flood w/ Wash-Down Hose  
 Blade Brush  
 Broken Blade Function  
 Blade Change Interlock  
 Safety Guards  
 220V/3PH or 440V/3PH Electrical Motor  
 Requirement - This is Not a Dual Voltage Machine

## Technical Specifications

<b>Rectangular Capacity</b>	0-24" W x 0-21" H
<b>Square Capacity</b>	0-21" (Square)
<b>Round Capacity</b>	0-21" (Diameter)
<b>Bar-feed</b>	N/A
<b>Motor</b>	10 HP
<b>Hydraulic Motor</b>	2 HP
<b>Operation Type</b>	Semi-Automatic
<b>Power Source</b>	Hydraulic
<b>Weight</b>	N/A
<b>Blade Type</b>	Bandsaw
<b>Blade Size</b>	20' 0" L x 1.5" H x .050"
<b>Cantilever</b>	
<b>Bandsaw Blade Speed</b>	N/A
<b>Bundle Cut?</b>	No

## Optional Features

Pneumatic Squaring Station  
 Remote Diagnostics  
 Chip/Swarf Removal System - Chip Conveyor  
 Hydraulic Tank Heater  
 10' Powered Roller Table w/ High-Speed Select  
 (Infeed or Outfeed)

Manual Squaring Vise  
 Spray Mist Lubrication  
 Roll-Around Control Console  
 Cold Weather Package  
 10' Idle Roller Stock Table

