



## 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

