



## Product Description

### Dual Column Band Saws

> Wide Flange/Bundle Saws

>> WF1827 Series

The WF1827A Smart Saw includes a touch screen control mounted in a swing away console. The multi-index 48" twin ball-screw servo-driven bar-feed and bi-directional vises are standard. The 9.2° fixed blade cant is designed to cut structural shapes and bundles. Many options include additional clamps and 120" bar-feed.

## Standard Features

Smart Saw® Control Console w/ 9" Touch Screen  
 Industrial IOT Ready - MTConnect Output  
 Arm Cant - 9.2° Permanent  
 24" Roller Discharge Table  
 Vise - Full Stroking Bi-Directional Main & Feed  
 Adjustable Clamping Force  
 Carbide Blade Guides  
 Lead In/Lead Out Roller Guides  
 Guide Arm - Powered  
 Passive "Cut Watcher®" System  
 Variable Blade Speed w/ Readout on Touch Screen  
 Powered Blade Tension  
 Adjustable Feed Rate  
 Adjustable Cutting Pressure  
 Chip/Swarf Removal System - Chip Conveyor  
 Coolant System - Flood w/ Wash-Down Hose  
 Blade Brush  
 Broken Blade Function  
 Out-of-Stock Function  
 Two-Hand Operation Controls  
 Automatic Blade Idle  
 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>	0-27" W x 0-18" H
<b>Square Capacity</b>	0-18" (Square)
<b>Round Capacity</b>	0-18" (Diameter)
<b>Bar-feed</b>	0-48" (Stroke Servo Twin Ball-Screw - Multiple Index)
<b>Motor</b>	10 HP
<b>Hydraulic Motor</b>	5 HP
<b>Operation Type</b>	Automatic
<b>Power Source</b>	Hydraulic
<b>Weight</b>	N/A
<b>Blade Type</b>	Bandsaw
<b>Blade Size</b>	21' 0" L x 1.5" H x .050"
<b>Cantilever</b>	
<b>Bandsaw Blade Speed</b>	N/A
<b>Bundle Cut?</b>	Yes

## Optional Features

0-120" Stroke Servo Twin Ball-Screw Bar-Feed w/ 3rd Vise

Bar-Feed Filler Plates

Top Clamp - Full Capacity Outboard Vise

Heavy-Duty Servo Feed

Top Clamp - Full Capacity Main & Feed Vise

Vise - 3rd Bi-Directional on Feed

Vise - Bi-Directional Outboard  
Laser Light System  
Spray Mist Lubrication  
Roll-Around Control Console  
Hydraulic Tank Heater  
10' Discharge Table Extension  
10' Idle Roller Stock Table

Servo Controlled Traverse (SCT) - Includes Active  
"Cut Watcher®"  
Remote Diagnostics  
Pedestal Mounted Control Console  
Cold Weather Package  
5' Discharge Table Extension  
5' Idle Roller Stock Table  
10' Powered Roller Stock Table

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