

Fully Automatic Bandsawing  
with Conversational Set-Up,  
Active Hydraulic Cutting  
Force Control, True Swivel  
Head for Miter Angles

MODEL **1316S-Auto**  
Fully Automatic  
Bandsaw with Miter Head



Shown with Optional  
Bundle Clamp System

Manufactured in the United States of America

**Wellsaw**<sup>®</sup>  
Built better to work stronger and last longer

# 1316S-Auto

Model 1316S-Auto Manual Bandsaw



## Premium Components

Square D® Programmable Machine Controller with Membrane Keypad and LCD display

Square D® Vector Type Frequency Motor Controller

Baldor® 5hp TEFC Blade Drive

Baldor® 3/4hp Hydraulic Motor

Textron/Cone Drive® Double Enveloping Gearbox

Vickers® Hydraulic Valves

Wellsaw Tiger-Tooth® Bi-Metal Blade

Active Hydraulic Cutting Force Control

Encoder Type Barfeed

Blade Break/Stall Proximity Switch

Working Light with Transformer

Unitized Base Design (Saw and Barfeed) with Integral Fork Pockets

Out of Stock Shutdown

Self Centering Shuttle Carriage with Anti-Climbing Vises

Discharge Table & Shute

Spring-Loaded Carbide Guides with Rollers

8 Gallon Flood Coolants System with Sample/Start-Up Coolant

Full Surround Chip Pan

Powered Blade Brush

110 Volts at Controls

Overload and Undervoltage Protection

Precision Ground Beds and Discharge Table

Auto Shut-Off at End of Cut

OSHA Blade Guarding

Low Air Pressure Safety Switch

NFPA Electrics (with Fused Disconnect)

Flush Hose

## Other Models in the 1316S Family

Model 1316S Extended Head with 18.5" Width Capacity at 45°

1316S-SA PLC Controlled Semi-Automatic Operation

### Key Features

Fully Automatic Bandsawing | Conversational Set-Up | Encoder Type Barfeed | Quick Set-Up and Multiple Job Programming | Automatic Kerf Compensation | Machine Diagnostics | Hydraulic Cutting Force Control System

## Specifications

Capacity	Round   Rectangular
@ 0° (90°)	13"   13"H x 16"W
@ 45°	12"   13"H x 12"W
@ 60°	7-1/2"   8-1/2"H x 7-1/2"W
Blade Size	1" x .035" x 12'6" (150")
Blade Speeds	Infinitely Variable 60-420 SFPM
Blade Guides	Carbide Guides with Rollers
Blade Tension	Double Die Spring with Indicator
Electrical Options	230/3 (See Options for Other Voltages)
Coolant System	Tank Capacity 8 Gallons Submersible Pump 115V/.6 Amp/3 GPM
Vise Control	Quick Positioning/Air Powered
Feed Rate Control	Variable Positive Hydraulic with Sawing Force Control
Cutting Force Control	30-120 Lbs.
Jobs Storage	99
Band Wheels	15" Diameter Cast Iron
Barfeed Projection	25" Unlimited Indexes
Barfeed Accuracy	+/- .002"
Barfeed Remnant	10"
Barfeed Length	5'
Weight Capacity	3,000 Lbs.
Bed Height	35"
Floor Area	90"W x 120"L
Shipping Weight	3,100 Lbs.

## Available Factory Installed Options

Overhead/Bundle Clamping

Transformer for 460 Volt Operation

Chip Conveyor

Variable Vise Pressure

Laser Line Pointer

5' and 10' Non-Powered Conveyors

Oil Injection Type Lubrication Systems

Hour Meter

# Wellsaw®