

# Model 1316S-Auto

## Fully Automatic Bandsaw with Miter Head



Shown with Optional Bundle Clamp System

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

# Wellsaw<sup>®</sup>

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# Model 1316S-Auto

Manufactured in the United States of America

## 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

## Premium Components:

**Square D**® Programmable Machine Controller w/ membrane keypad and LDC display  
**Square D**® Vector type Frequency Motor Controller  
**Baldor**® 5 HP TEFC Blade Drive  
**Baldor**® 3/4 HP Hydraulic Motor  
**Textron/Cone Drive**® Double Enveloping Gearbox  
**Vickers**® Hydraulic Valves  
**Wellsaw Rite-Tension**® Band Tensioning Device  
**Wellsaw Tiger-Tooth**® Bi-Metal Blade  
Encoder Type Barfeed Measuring System  
Blade Break/Stall Proximity Switch  
Working Light w/ transformer  
Active Hydraulic Cutting Force Control  
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  
w/ 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 (w/fused disconnect)  
Flush hose

61208855

Specifications subject to change without notice

## 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 - 400 SFPM	
Blade Guides:	Carbide Guides with Rollers	
Blade Tension:	Manual Rite-Tension®	
Electrical Options:	208-230-460/60/3	
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 w/ 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"	
Weight Capacity:	3,000 lbs.	
Bed Height:	35"	
Floor Area:	90"W x 120"L	
Shipping Weight:	2,500 lbs.	

## Options Available:

Overhead/Bundle Clamping  
Chip Conveyor  
Variable vise pressure  
Laser Line Pointer  
5' and 10' Non-Powered Conveyors  
Oil Injection Type Lubrication Systems  
Hour Meter

## Other Models in the 1316S Family

Model 1316S Extended Head w/ 18.5" width capacity at 45°  
1316S-SA PLC controlled Semi-Automatic Operation

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