

PROVEN. DEPENDABLE. RELIABLE.

**ORIGINAL**  
SAW COMPANY™

At Original Saw Company, we are re-thinking how cutting is done. Through analysis, industry consultation and innovative engineering, we have designed safer cutting for the 21st century. All of our products are manufactured in the USA by our skilled employees that make up the Original Saw team. We care about the products that we make and that customers are satisfied with their purchase.

Proudly Made in the  
**USA**



As Original Saw Company looks towards the future, we reflect on the successes of the past. By building a superior product, we continue to manufacture quality, American-made products for the wood and metal working industries. We pride ourselves in innovative technologies and forward thinking to enhance work places locally and throughout the world.



# HORIZONTAL BEAM SAW SERIES

Proudly Made in the  
**USA**



By using innovation in design and manufacturing, we create superior industrial equipment that simplifies cutting.

**ORIGINAL**  
SAW COMPANY™

## Original Saw Family of Products

3600 Series Horizontal Beam Saws | Super Duty Metal Cutting Series | Super Duty Series Radial Arm Saws  
Heavy Duty Series Radial Arm Saws | Contractor Duty Series Radial Arm Saws | Electric Arbor Motors  
OS Series Material Handling Tables | OS Series Manual Measuring Systems | Power Drive Carriage Systems  
Pneumatic Clamping Systems | Miter Saw Stands | 3700 Series Cut Off Saws



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# HORIZONTAL BEAM SAW SERIES

The Horizontal Beam Saw is an important tool to boost production. The highlight of the Beam Saw is the ability to perform long crosscuts. The 16" model can cross cut up to 64". Our 22.5" machine has a massive 8" depth of cut, can bevel a full 4", and has the cross cut capability of 60". With the powerful 7.5 HP motor, it can easily cut multiple pieces in one pass.

Weighing in at 1500 pounds, it is made of cast iron, cast aluminum, box tubing beam and a heavy steel frame. Because of this, our hefty machine can be used two to three work shifts per day in an industrial setting. This series is well suited for the curtain wall industry, metal roofing, panel production, steel buildings, conceptual model production, canopy manufacturing and logging. Cuts can be made through wood, metal, aluminum, steel, and other kinds of materials.

The Beam Saw comes standard with a manual chain crank carriage feed and a T-slot extruded metal table with manual clamps. When an electronic power carriage feed is added, it converts the machine to a semi-automatic platform.

The 22.5-inch model utilizes a Variable Frequency Drive to control the arbor motor. Using the VFD allows the speed of the blade to be increased over 8 seconds, which results in a smooth start up.

These machines are fully assembled, tested in the Original Saw Company's northern Iowa facility, and then packaged. This makes installation quick and easy upon delivery.

## Optional Accessories

- Electronic Powered Cross Feed System
- OS Series Manual Measuring System
- OS Series Fixed Foot and Flip Foot for Measuring Systems
- Key Switches for Limiting Usage
- OS Series Roller Extension Tables
- OS Series Flat Extension Tables
- Pneumatic Clamping System
- Dust Collection Kit (for wood cutting only)
- HDPE Black Plastic Table Insert Kit
- Mist Coolant System (for metal cutting only)
- Saw Blades



MODEL	3691-01-01	3691-01-03	3691-01-05	3691-01-07
Blade Size	16" (406 mm)	16" (406 mm)	20" (508 mm)	22.5" (572 mm)
HP	5	7.5	7.5	7.5
Phase	1	3	3	3
Hertz	60	50/60	50/60	50/60
Volts	208/230	208/230/400 460/575/600	208/230/400 460/575/600	208/230/400 460/575/600
Brake	Automatic - Mechanical	Automatic - Mechanical	Automatic - Mechanical	Automatic
Arbor	1" x 2"	1" x 2"	1" x 2"	1" x 2"
<b>Capacities: inches /metric</b>				
Max Cross Cut 1" Stock	64" (1626 mm)	64" (1626 mm)	62" (1575 mm)	60" (1524 mm)
Max Cross Cut 4" Stock	63" (1600 mm)	63" (1600 mm)	62" (1575 mm)	60" (1524 mm)
Max Cross Cut 6" Stock	N/A	N/A	62" (1575 mm)	60" (1524 mm)
Max Depth of Cut	5" (127 mm)	5" (127 mm)	7" (179 mm)	8" (203 mm)
Max Depth of Cut 45 Deg Bevel	2" (50 mm)	2" (50 mm)	3 1/2" (88 mm)	4" (100 mm)

