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PROVEN. DEPENDABLE. RELIABLE.

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.

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.

**Proudly Made in the  
 USA**



**METAL CUTTING  
 SUPER DUTY SERIES  
 RADIAL ARM SAWS**

**Proudly Made in the  
 USA**



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



**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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# METAL CUTTING SUPER DUTY SERIES RADIAL ARM SAWS

The Super Duty Metal Cutting Radial Arm Saws are the ultimate workhorse of the metal industry. They can operate 2 to 3 shifts per day in an industrial setting. Several types of cutting applications are possible, including cross cuts, miters, bevels, and compound miter work. The Super Duty can perform straight cuts from 5" - 8" thick in a single pass.

These massive 900-pound machines are constructed of cast and ductile iron for vibration free operation. This series is well suited for extrusion companies, sign manufacturers, aluminum window and door manufacturers, hollow metal door operations, the fenestration industry and the glass and glazing industry. A variety of materials such as aluminum, steel, brass, bronze, plastics, and fiberglass can be cut.

The Super Duty Metal Cutting Radial Arm Saw comes standard with a manual 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.

With years of experience in metal cutting, we can assist you to choose a machine for your required application including clamping, feeding material, and complete automatic sawing packages.

## Optional Accessories

- Electronic Powered Cross Feed
- Pneumatic Clamping System
- OS Series Roller Extension Tables
- OS Series Flat Extension Tables
- Saw Blades
- OS Series Measuring System with Fixed Foot or Flip Foot
- HDPE Black Plastic Table Insert Kit
- Keyed E-Stop for Limiting Usage
- Mist Coolant System



MODEL	3579-16M-1	3579-16L-1	3579-16M	3579-16L	3579-20M	3579-20L	3579-22M	3579-22L
Blade Size	16" (406 mm)	16" (406 mm)	16" (406 mm)	16" (406 mm)	20" (508 mm)	20" (508 mm)	22.5" (572 mm)	22.5" (572 mm)
HP	5	5	7.5	7.5	7.5	7.5	7.5	7.5
Phase	1	1	3	3	3	3	3	3
Hertz	50	50	50/60	50/60	50/60	50/60	50/60	50/60
Volts	208/230	208/230	208/230/400/ 460/575/600	208/230/400/ 460/575/600	208/230/400/ 460/575/600	208/230/400/ 460/575/600	208/230/400/ 460/575/600	208/230/400/ 460/575/600
Amps (rated)	28	28	19/9.5	19/9.5	19/9.5	19/9.5	19/9.5	19/9.5
Brake	Automatic - Mechanical	Automatic - Mechanical	Automatic - Mechanical	Automatic - Mechanical	Automatic - Mechanical	Automatic - Mechanical	Automatic	Automatic
Arbor	1"dia x1 3/8"	1"dia x1 3/8"	1"dia x1 3/8"	1"dia x1 3/8"	1"dia x1 3/8"	1"dia x1 3/8"	1"dia x1 3/8"	1"dia x1 3/8"
<b>Capacities: inches /metric</b>								
Max Cross Cut 3/4" Stock	24" (610 mm)	32" (813 mm)	24" (610 mm)	32" (813 mm)	24" (610 mm)	33" (838 mm)	22" (559 mm) *16" at 8" depth of cut	30" (762 mm) *24" at 8" depth of cut
Max Miter 45 Deg 3/4" Stock	16" (406 mm)	21 5/8" (549 mm)	16" (406 mm)	21 5/8" (549 mm)	16" (406 mm)	21 5/8" (549 mm)	16" (406 mm)	21 5/8" (549 mm)
Max Depth of Cut	5" (127 mm)	5" (127 mm)	5" (127 mm)	5" (127 mm)	7" (177 mm)	7" (177 mm)	8" (203 mm)	8" (203 mm)
Max Depth of Cut 45 Deg Bevel	2" (51 mm)	2" (51 mm)	2" (51 mm)	2" (51 mm)	3 1/4" (83 mm)	3 1/4" (83 mm)	4" (102 mm)	4" (102 mm)

