

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.

WOOD CUTTING SUPER DUTY SERIES

3500 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 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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WOOD CUTTING SUPER DUTY SERIES RADIAL ARM SAWS

The Super Duty Wood Cutting Radial Arm Saw Series is the ultimate workhorse of the wood industry. These radial arm saws are capable of a wide variety of wood cutting operations including straight cutting, miter cutting, compound miter work and dado operations. On 16" models, it is possible to bevel cut and rip with the add on rip conversion kit. The series can also perform a straight cut from 4 3/8" – 8" deep in a single pass.

Weighing in at 850 pounds, this saw is constructed of cast and ductile iron for vibration free operation. This series is well suited for many types of manufacturing facilities, crating departments, timber home and prefabricated housing manufacturers, door companies and truss plants. With their large arbor motors, Super Duty Radial Arm Saws can operate 2 to 3 shifts per day in an industrial wood cutting environment.

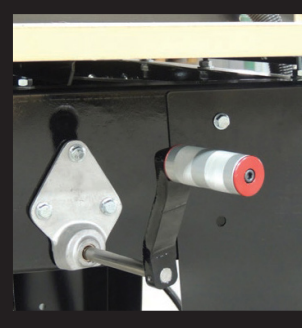
The 22.5-inch model is set apart from the other saws in the Super Duty Series because of the shorter arbors. This allows a deeper depth of cut at a 45 degree bevel, but no ability to swivel to a rip position. This model also features a variable frequency drive that controls the motor.

The Super Duty Radial Arm Saw, coupled with our power carriage feed, makes the machine a semi-automatic platform that is capable of a wide variety of production operations.

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
- Manual Carriage Feed (hand crank) System on 16" and 20" Models (Standard on 22.5" Models)
- Dust Collection Shroud
- OS Series Measuring Systems with Fixed or Flip Foot
- OS Series Flat Extension Tables
- OS Series Roller Extension Table
- Pneumatic Clamping System
- HDPE Black Plastic Table on 16" and 20" Models
- Keyed E-Stop for Limiting Usage
- T-Slot Extruded Metal Table on 16" and 20" Models (Standard on 22.5" Models)
- HDPE Table Inserts Kit
- Rip Conversion Kit on 16" Models Only
- Saw Blades



MODEL	3551	3556	3571	3576	3553	3558	3554	3559
Blade Size	16"/406mm	16"/406mm	16"/406mm	16"/406mm	20"/508mm	20"/508mm	22.5"/572mm	22.5"/572mm
Standard Table	MDF Table with Routed-In Aluminum T-Slot	MDF Table with Routed-In Aluminum T-Slot	MDF Table with Routed-In Aluminum T-Slot	MDF Table with Routed-In Aluminum T-Slot	MDF Table with Routed-In Aluminum T-Slot	MDF Table with Routed-In Aluminum T-Slot	T-Slot Extruded Metal Table	T-Slot Extruded Metal Table
Motors: All motors totally enclosed fan cooled (TEFC)								
HP (continuous rating)	5	5	7.5	7.5	7.5	7.5	7.5	7.5
Phase	1	1	3	3	3	3	3	3
Hertz	60	60	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" x 2 3/16"	1" x 2 3/16"	1" x 2 3/16"	1" x 2 3/16"	1" x 1 3/8"	1" x 1 3/8"	1" x 1 3/8"	1" x 1 3/8"
Capacities: inches /metric								
Max. Out-Rip	40 3/4"/1035mm	48 3/4"/1238mm	40 3/4"/1035mm	48 3/4"/1238mm	No Ripping	No Ripping	No Ripping	No Ripping
Max. Cross Cut 3/4" Stock	24"/610mm	32"/813mm	24"/610mm	32"/813mm	24"/610mm	32"/813mm	22"/559mm	30"/762mm
Max. Miter 45° 3/4" Stock	16"/406mm	21 5/8"/549mm	16"/406mm	21 5/8"/549mm	16"/406mm	21 5/8"/549mm	16"/406mm	21 5/8"/549mm
Max. Depth of Cut	4 3/8"/111mm	4 3/8"/111mm	4 3/8"/111mm	4 3/8"/111mm	6 1/4"/158mm	6 1/4"/158mm	8"/203mm	8"/203mm
Max. Depth of Cut 45° Bevel	2"/50mm	2"/50mm	2"/50mm	2"/50mm	3 1/4"/82mm	3 1/4"/82mm	4"/101mm	4"/101mm