

"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."

PROVEN. DEPENDABLE. REMABLE.

SIMPLIFYING ONE APPLICATION AT A TIME.



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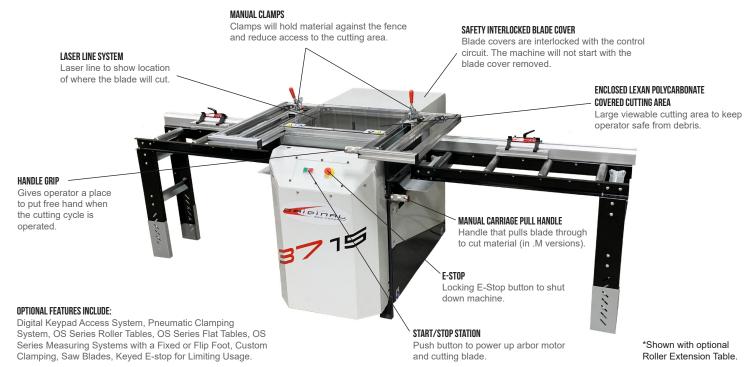


3700 CROSS CUT SAW SERIES

The 3700 Series Cross Cut Saws were developed to improve safety and effectively cross cut material including wood and wood products, composites and plastics. The blade is visible only when the handle is pulled or the machine's semi-automatic cycle is activated.

The manual machines (models 3710.M, 3715.M, 3720.M, 3725.M) utilize a simple pull-handle on the right side of the machine to pull the carriage radially ahead to cut through the material. When the tension on the handle is released, the carriage returns to its home position under the machine shroud.

The semi-automatic machines (models 3710.S, 3715.S, 3720.S, 3725.S) use a smooth running belt-drive system. The system is powered by a DC motor, which is controlled by our time tested drive units. During the cutting process, the desired material is clamped either manually or pneumatically and the cutting head is controlled by the push of a button. On these models, the carriage stroke is varied by the adjustable stops on the right side of the machine. This time saving feature reduces waiting by ensuring that the blade doesn't travel farther than needed to cut the desired length.



Model	3710.M	3710.S	3715.M	3715.S	3720.M	3720.S	3725.M	3725.S
Crosscut Cap. at 1"	17 ¼" 438mm	17 ¼" 438mm	17 ¼" 438mm	17 ¼" 438mm	18" 457 mm	18" 457mm	18" 457mm	18" 457mm
Blade Size	14" 356mm	14" 356mm	14" 356mm	14" 356mm	16" 406mm	16" 406mm	20" 508mm	20" 508mm
Depth of Cut	3 ¼" 83mm	3 ¼" 83mm	3 ¼" 83mm	3 ¼" 83mm	4 ½" 108mm	4 ½" 108mm	6	6 3/8" 162mm
Arbor Motor Cont. Duty	3.0 hp	3.0 hp	3.0 hp	3.0 hp	5.0 hp	5.0 hp	7.5 hp	7.5 hp
Motor Phase	1 Phase	1 Phase	3 Phase	3 Phase	3 Phase	3 Phase	3 Phase	3 Phase
Motor Voltage	208/230V	208/230V	208/230 400/460 575/600V	208/230 400/460 575/600V	208/230 400/460 575/600V	208/230 400/460 575/600V	208/230 400/460 575/600V	208/230 400/460 575/600V
Carriage Drive	Manual	Semi-Auto DC Drive	Manual	Semi-Auto DC Drive	Manual	Semi-Auto DC Drive	Manual	Semi-Auto DC Drive



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 semiautomatic 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.



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

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.

Model	3691-01-01	3691-01-03	3691-01-05	3691-01-07
Blade Size	16" / 406mm	16" / 406mm	20" / 508mm	22.5" / 572mm
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"
Capacities: inches/metric				
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

WOOD CUTTING CONTRACTOR DUTY SERIES RADIAL ARM SAWS



These machines are fully assembled, tested in The Original Saw Company's facility and then packaged. This makes setting up your saw a snap.

The Contractor Duty Radial Arm Saw Series is an industrial rated machine that has the versatility to crosscut, bevel cut, miter cut and swivel to a rip position (needs rip kit to allow ripping) to precisely and accurately cut down panels. This machine is well suited for cutting material up to 3" deep as well as cutting off 24" wide panels for squaring shelving and doors and other applications.

This series is well suited for use in custom cabinet shops and school vocational programs.

This Contractor Duty Series Radial Arm Saw continues to be a workhorse with a TEFC motor, internal automatic brake and a durable powder coated finish. It has the best cut quality in its class and is a precise cutting machine with repeatable accuracy that can be depended on day-after-day for years to come.

New Type 8 updates

- New yoke assembly that allows for precise bevel clamping on angles and swivels to rip with optional rip kit
- Arbor motor refinements
- High density polyethylene lower guard that provides full coverage
- New handle grip

Optional Accessories

- Front Lower Elevation Systems
- · Dust Collection Shroud
- OS Series Measuring Systems
- Keyed E-Stop for Limiting Usage
- HDPE Black Plastic Table
- OS Series Roller Extension Tables
- OS Series Flat Extension Tables
- OS Series Fixed Foot and Flip Foot available for Measuring Systems
- Rip Conversion Kit
- Saw Blades

Model	3512-01	3512-03
Blade Size	12" / 305mm	12" / 305mm
Motors: All motors totally enclosed fan cooled		
HP	3	3
Phase	1	3
Hertz	60	50/60
Volts	208/230	208/230/400 460/575/600
Amps (rated)	18.7/17	8.5/8/4
Brake	Automatic	Automatic
Arbor	1" x 2 ¾"	1" x 2 ¾"
Capacities: inches/metric		
Max. Out-Rip*	34 ¹⁵⁄₁₅" / 877mm	34 ¹⁵ /16" / 877mm
Max. Cross Cut ¾"	24" / 610mm	24" / 610mm
Max. Miter 45° ¾"	22 ½" / 572mm	22 ½" / 572mm
Max. Depth of Cut	3" / 76mm	3" / 76mm
Max. Depth of Cut 45° Bevel	1 1⁄4" / 32mm	1 1/4" / 32mm

WOOD CUTTING HEAVY DUTY SERIES RADIAL ARM SAWS



These machines are fully assembled, tested in The Original Saw Company's facility and then packaged. This makes setting up your saw a snap.

The Heavy Duty Radial Arm Saw Series is a precise machine made for the rigors of every day industrial use. The maximum versatility of this saw allows you to perform straight cuts, bevel cuts, miter cuts, compound bevels and swivel to a rip position for cutting down panels. This machine is also able to square panels up to 24" wide or dado with ease.

This machine is well suited for use in custom cabinet shops, school tech departments, lumber yards and home centers, packaging departments, manufacturing plants or the serious wood shop.

The Heavy Duty Series Radial Arm Saw continues to be a workhorse in the industry. Theses saws feature a flat bottom induction motor, oversized table top, cast iron arm and powder coated steel frame and legs. It's precision carriage rides on 8 wide-contact, double-row ball bearings to provide smooth, vibration free travel.

Original Saw Company's Radial Arm Saws say quality, repeatability, accuracy and value. Heavy Duty Radial Arm Saws have proven themselves in thousands of manufacturing companies throughout the world. These machines are built for everyday repeatability and accuracy and will be able to support any application they are designed to do for many years of service.

Optional Accessories

- Front Lower Elevation Systems
- Dust Collection Shroud
- OS Series Measuring Systems
- Keyed E-Stop for Limiting Usage
- HDPE Black Plastic Table
- OS Series Roller Extension Tables
- OS Series Flat Extension Tables
- OS Series Fixed Foot and Flip Foot available for Measuring Systems
- Rip Conversion Kit
- Saw Blades
- Enclosed Cutting Surface (Model 3541 only)

Model	3531-01	3531-03	3536-01	3536-03	3541	3546
Blade Size	14" / 356mm	14" / 356mm	14" / 356mm	14" / 356mm	16" / 406mm	16" / 406mm
Motors: All motors totally enclo	osed fan cooled (TEFC)					
HP (cont. rating)	3	5	3	5	5	5
Phase	1	3	1	3	3	3
Hertz	60	50/60	60	50/60	50/60	50/60
Volts	208/230	208/230/400 460/575/600	208/230	208/230/400 460/575/600	208/230/400 460/575/600	208/230/400 460/575/600
Amps (rated)	18	14.4/13/6.5	18	14.4/13/6.5	14.4/13/6.5	14.4/13/6.5
Brake	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic
Arbor	1" x 2 ¾"	1" x 2 ¾"	1" x 2 ¾"	1" x 2 ¾"	1" x 2 ¾"	1" x 2 ¾"
Capacities: inches/metric						
Max. Out-Rip*	29 ¾" / 758mm	29 ¾" / 758mm	37 1/8" / 962mm	37 %" / 962mm	29 1/8" / 758mm	37 %" / 962mm
Max. Cross Cut ¾" Stock	16" / 406mm	16" / 406mm	24" / 610mm	24" / 610mm	16" / 406mm	24" / 610mm
Max. Miter 45° ¾" Stock	10 ¼" / 260mm	10 1/4" / 260mm	15 ½" / 393mm	15 ½" / 393mm	10 ¼" / 260mm	15 ½" / 393mm
Max. Depth of Cut	4 1/8" / 104mm	4 1/8" / 104mm	4 1/8" / 104mm	4 1/8" / 104mm	5" / 127mm	5" / 127mm
Max. Depth of Cut 45° Bevel	2 %16" / 65mm	2 %16" / 65mm	2 %16" / 65mm	2 %16" / 65mm	3 ¼" / 82mm	3 ¼" / 82mm

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.

Optional Accessories

- Electronic Powered Cross Feed System
- Manual Carriage Feed (hand crank) System on 16" and 20" Models (Std. 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 (Std. 22.5" Models)
- HDPE Table Inserts Kit
- Rip Conversion Kit on 16" Models Only
- Saw Blades



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 lowa facility and then packaged. This makes installation quick and easy upon delivery.

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	T-Slot Extruded Metal Table	T-Slot Extruded Metal Table					
Motors: All motors	totally enclosed far	n cooled (TEFC)						
HP (cont. 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	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 ¾" / 1035mm	48 ¾" / 1238mm	40 ¾" / 1035mm	48 ¾" / 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 %" 549mm	16" 406mm	21 %" 549mm	16" 406mm	21 %" 549mm	16" 406mm	21 %" 549mm
Max. Depth of Cut	4 %" 111mm	4 ³ ⁄8" 111mm	4 ¾" 111mm	4 ¾" 111mm	6 ¼" 58mm	6 ¼" 158mm	8" 203mm	8" 203mm
Max. Depth of Cut 45° Bevel	2" 50mm	2" 50mm	2" 50mm	2" 50mm	3 ¼" 82mm	3 ¼" 82mm	4" 101mm	4" 101mm

METAL CUTTING SUPER DUTY SERIES RADIAL ARM SAWS



These machines are fully assembled, tested in The Original Saw Company's facility and then packaged. This makes setting up your saw a snap.

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.

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.

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" / 406mm	16" / 406mm	16" / 406mm	16" / 406mm	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 × 1 %"	1" dia × 1 %"	1" dia × 1 ¾"	1" dia × 1 3/8"	1" dia × 1 ¾"	1" dia × 1 ¾"	1" dia × 1 ¾"	1" dia × 1 ¾"
Capacities: inche	es /metric							
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 %" / 549 mm	16" / 406 mm	21 %" / 549 mm	16" / 406 mm	21 %" / 549 mm	16" / 406 mm	21 %" / 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



ACCESSORIES

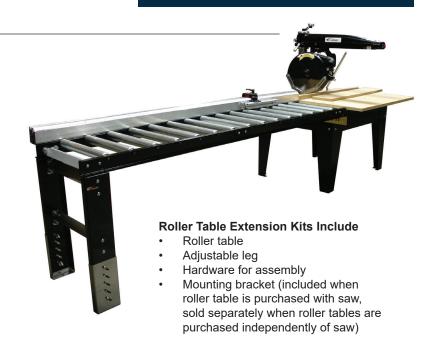
ROLLER EXTENSION TABLES

Do you need to move raw material into and out of a cutting or processing application? Roller Extension Tables can give you the extra material handling space your work area needs.

These tables are equipped with a rear flange that allows our Measuring Systems to attach directly to the table. This makes installation a snap if you choose a measuring system when you purchase your tables or if you add it later.

Roller tables are available in two widths. The narrow roller table (14" wide) pairs well with our Miter Saw Stands. The wider roller table (22" wide) matches up with our Radial Arm Saws, Beam Saws and Cut Off Saws.

Both narrow and wide roller tables are available in 4' and 8' lengths.



Flat Extension Table Kits Include: Flat table section Adjustable leg Braces Hardware

Mounting bracket (included with saw purchase, sold separately when formed steel extension tables are

purchased independently of saw)

FLAT EXTENSION TABLES

Manage your cutting station with ease with a Flat Extension Table. When we designed our Flat Extension Tables, the goal was to make your workshop "work for you."

These tables are equipped with a rear flange that allows our Measuring Systems to attach directly to the table. This makes installation a snap if you choose a measuring system when you purchase your tables or if you add it later.

Flat Extension Tables are available in two widths. The narrow flat table (15" wide) pairs well with our Miter Saw Stands. The wider flat table (24" wide) matches up with our Radial Arm Saws, Beam Saws and Cut Off Saws. Narrow tables are available in 4', 6', 8' and 10' lengths. Wide tables are available in 4', 6' and 8' lengths.



ACCESSORIES

FIXED FOOT MEASURING SYSTEMS

Our fixed foot measuring systems are used in thousands of shops and home centers. The system consists of an extruded and machine block assembly. A laser cut 1/4" formed steel bracket ties into the back of the extrusion to keep the assembly rigid. This allows for the foot to be adjusted. If necessary, the foot can be ordered in a longer length to reach into an application.



FLIP FOOT MEASURING SYSTEMS

Complete your cutting station with a measuring system. The flip foot slider assembly allows for the stop to be flipped up out of the way when it is not in use and flipped back down when needed. This is especially useful when material needs to be slid into or out of a cutting machine near the fence.



ACCESSORIES

MITER SAW STANDS



Original Saw developed the Miter Saw Stand to complement our line of manual measuring systems, material handling roller tables and flat extension tables. The stand is constructed of 12 and 14 gauge formed steel with a textured powder coat finish on the table top and contrasting smooth gloss black on the legs. The Miter Saw Stand features a 1-1/8" thick MDF mounting board that is pre-drilled to mount to the steel table top. This MDF top will allow you to attach your miter saw to the stand. This gives smaller shops and schools the option of using our industrial measuring systems and material handling roller or flat extension tables to set up a stationary cutting station for their favorite miter saw.

Miter Saw Stand Includes:

- Formed steel top
- · MDF mounting board
- · Thread inserts
- Stand legs
- Leg braces & hardware

MITER SAW CUTTING STATIONS ARE NOW AVAILABLE IN KITS.

Miter Saw Cutting Stations are now available in kits. Two 4' narrow (15") Flat Extension Tables plus a Miter Saw Stand makes a complete cutting station.

Miter Saw Stand Kit Includes

- Miter Saw Stand
- (2) 4' narrow (15" wide) formed steel extension tables
- Mounting brackets
- Braces
- Hardware
- 2 (4') measuring systems (as an option)



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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