METAL CUTTING SUPER DUTY SERIES RADIAL ARM SAWS



The Super Duty Metal Cutting Radial Arm Saws are designed for the metal industry, delivering heavy-duty performance and exceptional reliability. These saws can operate 2 to 3 shifts daily in an industrial setting, efficiently handling the most challenging jobs. They offer versatile cutting capabilities, including crosscuts, miters, bevels, and compound miters, and can make straight cuts from 5'' to 8'' thick in a single pass.

These 900-pound machines, made from cast and ductile iron, ensure vibration-free and durable operation. This construction makes them ideal for a wide range of industries, including:

- Extrusion companies
- Sign manufacturers
- Aluminum window and door manufacturers
- Hollow metal door operations
- Fenestration companies
- Glass and glazing companies

They can cut a wide variety of materials, such as aluminum, steel, brass, bronze, plastics, and fiberglass, with the same high level of performance over time.

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 for secure material handling.

For those looking to enhance efficiency and ease of use, add an Electronic Powered Cross Feed and Pneumatic Clamping to convert the machine to a semi-automatic platform.

All Super Duty Metal Cutting Radial Arm Saws feature a Variable Frequency Drive (VFD) to control the arbor motor. A VFD allows the blade speed to increase smoothly over 8 seconds for a smooth start-up. It also slows and stops the saw for approximately 25 seconds to allow for consistent braking time.

Optional Accessories

- Saw Roller Extension Tables
- Saw Flat Extension Tables
- Saw Blades
- Saw Measuring System with Fixed Foot or Flip Foot
- Keyed E-Stop for Limiting Usage
- Mist Coolant System

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.

Model	3579-16M-1-VFD	3579-16L-1-VFD	3579-16M-VFD	3579-16L-VFD	3579-20M-VFD	3579-20L-VFD	3579-22M-VFD	3579-22L-VFD
Blade Size	16'' / 406mm	16'' / 406mm	16'' / 406mm	16'' / 406mm	20'' / 508mm	20'' / 508mm	22 ½'' / 572mm	22 ½'' / 572mm
Arbor Motor HP	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
Input Phase	1	1	3	3	3	3	3	3
Input Voltage	208/230	208/230	208/230 460/575	208/230 460/575	208/230 460/575	208/230 460/575	208/230 460/575	208/230 460/575
Amps (rated)	19.5	19.5	19/9.5	19/9.5	19/9.5	19/9.5	19/9.5	19/9.5
Brake	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic
Arbor Size	1'' x 2''	1'' x 2''	1'' x 2''	1'' x 2''	1'' x 2''	1'' x 2''	1'' x 2''	1'' x 2''
Capacities: inches /metric								
Max Cross Cut 3/4'' Stock	24'' / 610mm	32'' / 813mm	24'' / 610mm	32'' / 813mm	24'' / 610mm	26 ½'' / 673mm	17 ¾'' / 451mm	25 ¾'' / 654mm
Max Crosscut at Max Depth of Cut	20 ½'' / 521mm	28 ½'' / 724mm	20 ½'' / 521mm	28 ½'' / 724mm	18 ½'' / 469mm	26 ½'' / 673mm	17 ¾'' / 450mm	25 ¾'' / 654mm
Max Miter 45 Deg 3/4'' Stock	16'' / 406mm	21 ⅝'' / 549mm	16'' / 406mm	21 ⅝'' / 549mm	14'' / 356mm	18 ½'' / 470mm	12 ½'' / 318mm	22'' / 559mm
Max Depth of Cut	5'' / 127mm	5'' / 127mm	5'' / 127mm	5'' / 127mm	7'' / 178mm	7'' / 178mm	8'' / 203mm	8'' / 203mm
Max Depth of Cut 45 Deg Bevel	2'' / 51mm	2'' / 51mm	2'' / 51mm	2'' / 51mm	3 ¼'' / 83mm	3 ¼'' / 83mm	4'' / 102mm	4'' / 102mm