

# Accessories

## Electronic Power Crossfeed System



**The Electronic Power Crossfeed System converts the standard Super Duty Saw from manual carriage control to a semi-automatic carriage feed. It is designed to produce the best possible result of cut quality, maximum cutting speed, and blade life, as well as reproducing this each and every time you cut. This system assures a more consistent operator performance and eliminates operator fatigue factors. The Electronic Power Crossfeed System consists of the following:**



**Power Feed Module:** The heart of the cross feed system is the electronic control module. This part of the unit contains the DC drive and reversing boards, as well as the saw motor starter and low voltage control transformer. This unit mounts out of the way on the rear of the machine. All major cords into the unit are attached by use of dust tight plug in receptacles.



**Control Panel:** The control panel is located "up front" in a sealed end cap casting on the end of the radial arm. The control panel provides effortless operator control. The panel contains an Illuminated "on/off" selector switch for visual verification of power "on" while the speed of the carriage is regulated by the speed control on the lower left of the panel. An Emergency Stop button will shut down both the saw motor and the saw feed system at the touch of the button. Also included is a saw motor start, feed forward, and feed return buttons, for shuttling the carriage in non automatic mode.



**Drive Motor / Gearbox:** The motion of the carriage is powered by a powerful totally enclosed DC motor. This is coupled with a rugged right angle gear box assuring years of steady cutting rates at any RPM.



**Cam Track Stop System:** This system is comprised of heavy precision machined cast iron stops riding on a precision ground heavy steel track. These stops, in conjunction with the carriage mounted limit switch, allow for infinitely variable cutting lengths. The saw can be set to move 1 inch or 32 inches or any length in between. (note 32" crosscut on long arm Super Duty models only)

# Accessories

**NEW!!**

## Wide Table Extensions

Original Saw has added table extension on the Super Duty Series for left or right miter cutting applications, in which you have a need for more cutting surface or the need to move a clamp out past the range of the blade when mitering. The extension is assembled as part of the table to maintain a more stable cutting area. The table is removed for shipping and then will need to be dropped in place during installation when the machine is put in place for use.



Front view showing left extension

**updated**

## Manual Chain Crossfeed Systems

Original Saw's Super Duty Series manual chain cross feed systems consist of a manual crank, chain assembly, newly upgraded full coverage chain guard, sprockets and shafts. (standard on Metal Cutting Series and 22" Super Duty Series) (shipped installed by OSC when ordered with new machine)

- 040021-00** Manual Chain Cross Feed System  
44" arm length Super Duty Series
- 040022-00** Manual Chain Cross Feed System  
52" arm length Super Duty Series

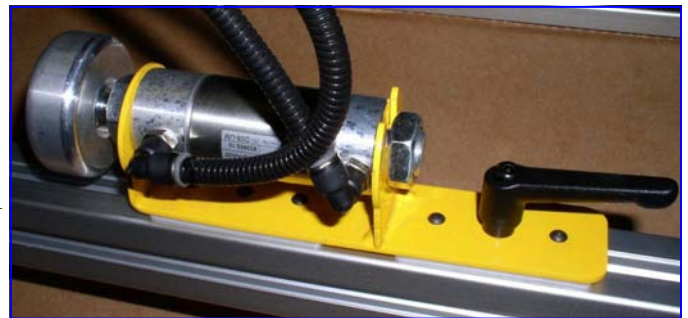


## Clamping Systems

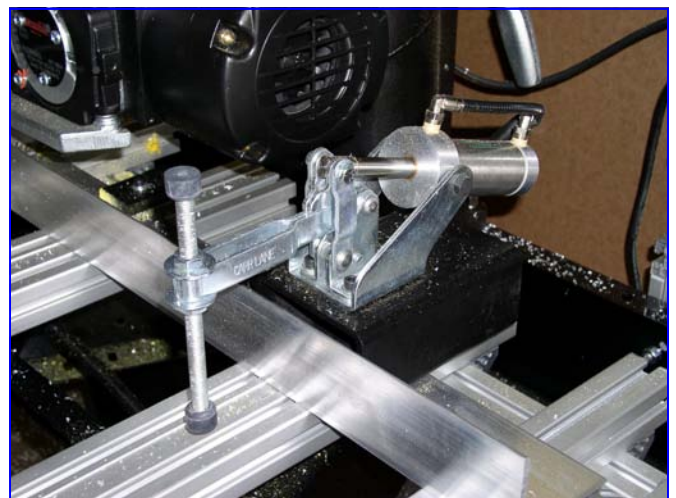
**updated**

Original Saw's Pneumatic clamping systems allow for a variety of clamping applications. The below listed items consist of cylinders clamping the material back against the fence or over center cylinders clamping the material against the table top, or a combination of both. The front firing cylinders are mounted on adjustable slide carriages with locking handle to adjust to any material width. The over center clamps are mounted behind the fence and when not clamped are fully behind the fence to allow for clear loading and unloading of the machine.

- 900500-00** Pneumatic clamping system  
2 cylinders clamp against fence
- 900500-01** Pneumatic clamping system  
2 cylinders clamp against fence  
2 cylinders clamp against table



Rear pushing cylinder clamps to fence and squares material



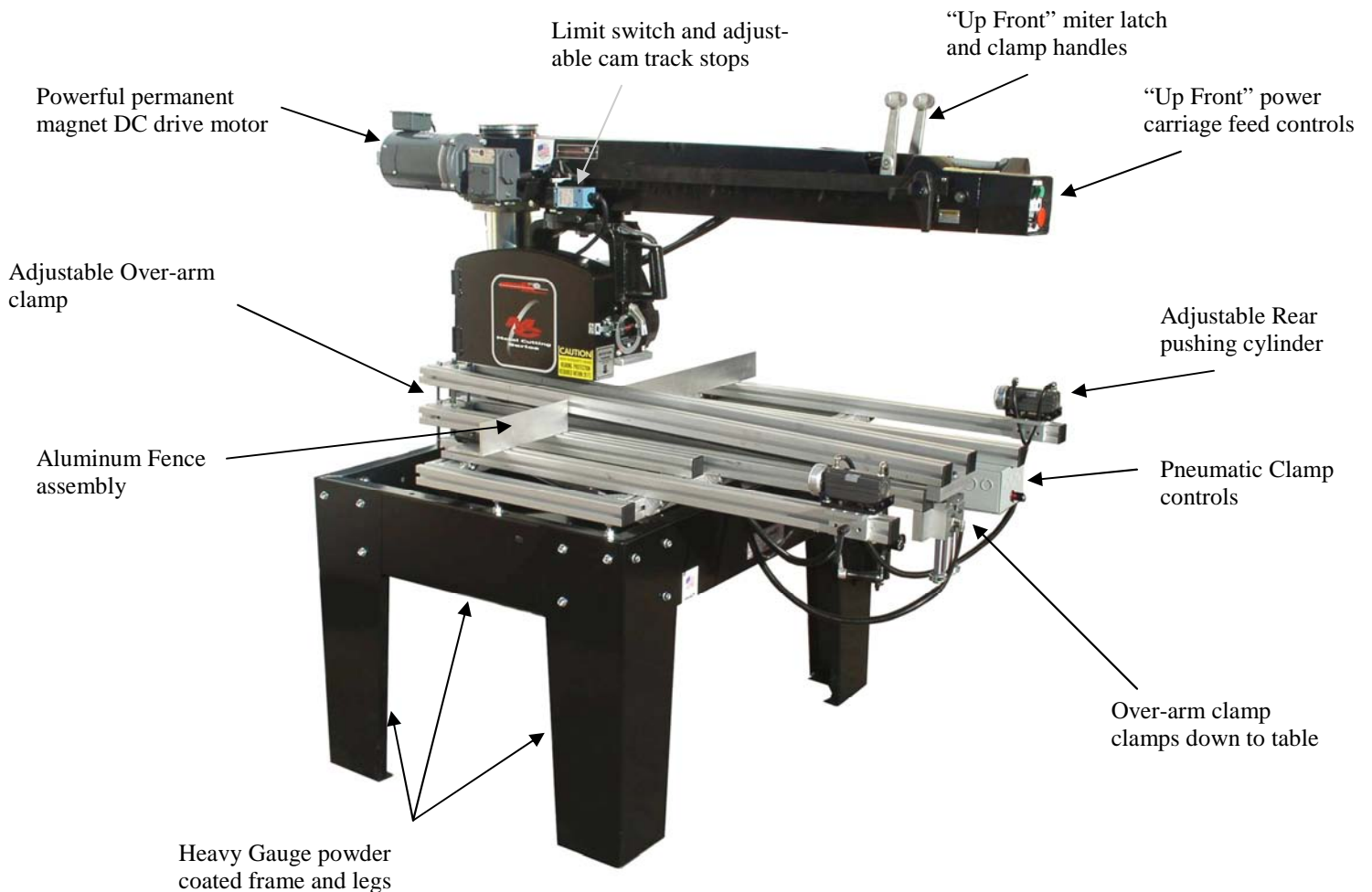
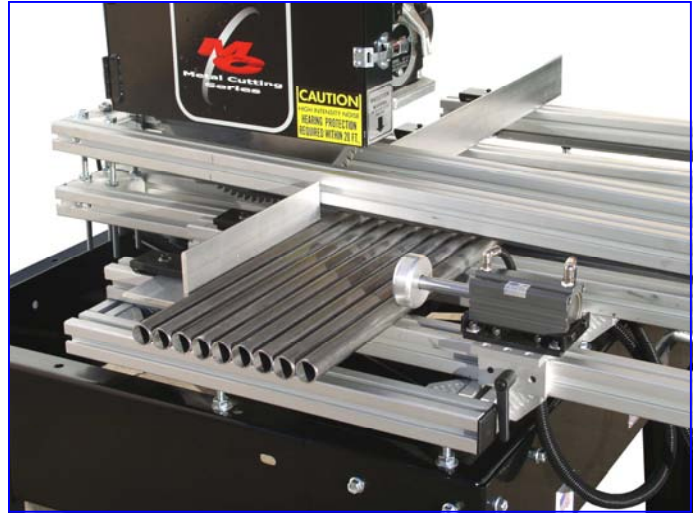
Over-center clamp, holds material against the table

# Accessories

## Clamping Systems

Original Saw Company has furthered its clamping systems with the 900500-02 over arm clamping system. This system is for clamping many smaller components at one time. The components of this system include 2 rear firing cylinders that line up the material with the fence and the over arm clamp that pulls down to clamp the material down on either side of the blade. The over arm clamp is adjustable up and down to allow different sized material to be clamped and cut.

**900500-02** Pneumatic Clamping System over arm clamp with 2 rear pushing cylinders





# Accessories

## Material Handling

### Roller Table Extensions



**040030-09 Contractor Duty Left hand mounting shown 15 rollers set on 6" centers**

All material handling roller tables are 20" wide and 8 foot long with a flange on the rear for mounting manual or automatic stop systems. The below listed catalog numbers vary with the number of rollers and the mounting brackets.

- 040030-01 Roller Table w/ Adjustable Legs  
8 Rollers set on 12" Centers SD & HD Series
- 040030-02 Roller Table w/ Adjustable Legs  
15 rollers set on 6" centers SD & HD Series
- 040030-03 Roller Table w/ adjustable legs for SD Metal Cutting Series and machines with pneumatic clamping tables, left hand side mounting  
8 rollers set on 12" centers
- 040030-04 Roller Table w/ adjustable legs for SD Metal Cutting Series and machines with pneumatic clamping tables, right hand side mounting  
8 rollers set on 12" centers
- 040030-05 Roller Table w/ adjustable legs for SD Metal Cutting Series and machines with pneumatic clamping tables, left hand side mounting  
15 rollers set on 6" centers
- 040030-06 Roller Table w/ adjustable legs for SD Metal Cutting Series and machines with pneumatic clamping tables, right hand side mounting  
15 rollers set on 6" centers
- 040030-07 Roller Table w/ adjustable legs for Contractor Duty Series , left hand side mounting  
8 rollers set on 12" centers
- 040030-08 Roller Table w/ adjustable legs for Contractor Duty Series , right hand side mounting  
8 rollers set on 12" centers
- 040030-09 Roller Table w/ adjustable legs for Contractor Duty Series , left hand side mounting  
15 rollers set on 6" centers
- 040030-10 Roller Table w/ adjustable legs for Contractor Duty Series , right hand side mounting  
15 rollers set on 6" centers

## Material Handling

**NEW!!**

### Flat Table Extensions



Original Saw Company is releasing a new line of material handling flat extension tables. These extension tables are available in 4 foot lengths and have a scratch resistant durable black wrinkle powder coated finish. These tables are compatible with our updated manual sliding stop systems and are available for use with all of our radial arm saws series. Available fall 2007.

## Dust Collection Shroud

Original Saw has added Dust Collection Shrouds that will attach to all series of our radial arm saws. These shrouds allow for full movement of the arm and carriage and mount to the rear of the frame.

**NEW!!**



# Accessories

## Measuring Systems

**NEW!!**



900705 Sliding Stops

Our manual adjustable sliding stop system is designed to stand up to rigorous daily use and heavy material. The system consists of a heavy extruded aluminum rail with measuring tape, a precision machined aluminum slide assembly with locking knob, durable viewing lens with sight line, and an adjustable aluminum extrusion used to fine tune the system and allow it to measure down to 2". These stops attach to our roller tables with included mounting hardware, and are available in 8' and 16' sections and in both right and left hand configurations.



Original Saw Company  
465 Third Ave SE  
Britt, IA 50423 USA  
PH 800/733-4063 641/843-3868  
FX 641-843-3869  
[www.OriginalSaw.com](http://www.OriginalSaw.com)  
[customerservice@OriginalSaw.com](mailto:customerservice@OriginalSaw.com)

Not responsible for typographical errors, subject to change without notice  
Brochure 2008 11.2007 printed in USA

## Association Affiliations

