

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)