

# ECT

## ELECTRONIC CONTROLLED TRAVERSE

### TAKE CONTROL OF THE CUT!

The Electronic Controlled Traverse System (ECT) allows the saw operator complete control of the cutting rate and cutting force during the cutting operation.

The RATE is the speed of traverse, or downward movement (forward movement on vertical saws) of the saw arm & blade during the cut. Rate control is required to make sure the blade does not drop too fast, ensuring that the blade teeth do not take an excessive chip load, which would cause blade failure.

Cutting PRESSURE determines how much downward force is being applied to the saw blade. With a cutting force set to a value of 100, that means that 100% (as an example 400 pounds) of the programmed cutting force is being applied to the saw blade. A cutting pressure of 50 reduces the total force on the blade by approximately 50% (approx. 200 pounds)

Linear LED Display shows the Rate (indicated by how many LEDs are illuminated), and the Pressure (indicated by changing colors, green being light and red being very heavy)



For Automatic Saws that have Computer Controlled Feed (CCF), the control also has the ability to store up to 99 specific combinations, or jobs, of force and rate for different cutting applications. For instance, a "job" can be created and stored with preferred cutting rate and cutting force, and that job can be recalled at any time.

# HEM & SAW

— The saw that cuts straight. —

[www.hemsaw.com](http://www.hemsaw.com)

Toll-Free: 888-729-7787 • Fax: (918)825-4824 • E-mail: [info@hemsaw.com](mailto:info@hemsaw.com)

P.O. Box 1148, Pryor, OK 74362

Hem, Inc., whose policy is one of continuous improvement, reserves the right to change the price, specifications, or design, as well as discontinue any model, at any time without notice and without incurring any obligations. Copyright 112800 Hem, Inc. All rights reserved.