

# P-EDG5000 – Basic Transverse/Linear Edger PLC5000

## Course Overview

### About this course

Throughout this 3 day P-EDG5000 course, the trainee will learn the fundamentals of programmable logic controls as they are applied to and integrated sawmill/planer mill environment.

### Who should attend?

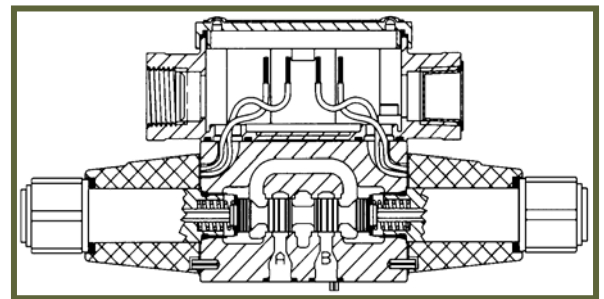
Electricians and maintenance staff with a good basic knowledge of PLC's and electrically controlled systems as they are used in controlling automated infeeds, outfeeds, trimmer and sorters.

### Course Content:

- PLC Review
- Equipment Overview
- Program Logistics and Layout
- Message Display
- System Timing
- Drawing and Devices
- System Troubleshooting Techniques

### Provided materials

- Student Workbook
- PowerPoint Presentations



### Features and benefits

- Hands-on training
- Related to everyday sawmill and planer mill applications
- System configuration
- Program structure
- Troubleshooting techniques
- Operating hints
- Safety aspects
- PowerPoint presentations
- Training lectures
- Access to hardware and PC computers
- Written literature
- Question and answer sessions

For more information contact our Technical Training group:

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## **P-EDG5000 – Basic Transverse/Linear Edger PLC5000**

### **Day 1**

- Introduction and course overview
- Review ICOM PLC software
- Online/offline programming/ editing
- Saving and loading programs
- Communication and diagnostics
- A/B PLC commonly used program instructions
- Hands-on free time to review course material

### **Day 2**

- Continue A/B PLC commonly used program instructions
- Troubleshooting Coe Newnes/ McGehee electronics
- Encoder position system and proximity tracking
- Developing error traps, editing messages and displaying messages
- Overview PLC <-> OPT communication and troubleshooting
- Overview edger infeed, scanner transfer, feed table, edger and outfeeds
- Overview PLC program file structure and identifying key programming areas
- Hands-on free time to review course material

### **Day 3**

- Continue overview PLC program file structure and identifying key programming areas
- Overview QB/Delta positioning modules and basic troubleshooting
- MMI – Panelview or Panelmate as applicable
- Review menus and screens including diagnostics
- Hands-on free time to review course material