

# Print Media Performance & Training Center.

## Speedmaster XL 105/106 Electrical Training Level I.

### Overview

The Customer Electrical Level I Training is part of a special multi-phase training program specifically developed for Speedmaster® XL 105/106 customers. The ideal participant for this training is a plant maintenance technician with experience working on the installed printing presses within your facility.

With the collaboration of Heidelberg® and your maintenance team, you improve overall press productivity, reduce downtime, and reduce the overall cost of ownership of your Speedmaster XL 105/106.

### Introduction

The primary focus is to develop a baseline understanding of the electrical control systems that will enable the technician to become a “First Responder” for a variety of electrical related issues.

Participants will review the electrical control concepts of Speedmaster XL 145/162 equipment using the supplied Maintenance and Repair Documentation supplemented by hands on exposure to the training center’s XL 142/165 models. For each topic the attendee will be trained in the overall system concepts and individual board diagnosis.



### Topics

- Understanding wiring diagrams and Heidelberg electrical nomenclature
- Power control concepts
- Machine network concepts
- Input/Output control concepts
- Drive control concepts
- Motor, sensor, and switch location
- Troubleshooting techniques for common problems

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