

Technician training: Electrical concept NotaProtector

NotaProtector machines pair sophisticated Rapida technology with the exceptional technical demands of security printing. Carefully designed control systems and sensors are the key to a trouble-free production process. This seminar provides on-site electricians with the knowledge they need to guarantee unhindered production and to intervene at short notice in case of any minor irregularities.

Description

This seminar conveys important basic information on the electrical functioning of a NotaProtector press, including all installed controller modules and sensors. All electronic components are explained and demonstrated. Setting, maintenance and repair tasks are not only shown, but also practised independently by the participants. In a workshop atmosphere, possible disturbances and error messages are simulated and subsequently analysed and rectified together. The trainer also gives valuable tips on how to avoid the occurrence of such errors.

This training is based on the latest Rapida press generation. Where appropriate, specific details of the NotaProtector must be addressed on site at the customer's own press.

Objectives

The participants acquire basic knowledge of the electrical modules and control components on the press. Upon successful completion, they are in a position to perform simple setting and repair tasks independently and are able to take initial measures to facilitate fault rectification.

Prerequisites

Participants should have completed training as an electrical/electronics/mechatronics technician or else gathered at least 5 years of corresponding work experience.

Some of the topics covered

Documentation

- Introduction to the electrical documentation

Control cabinet

- Layout, power supply, Mentor MP, practical exercises

Console

- Computer concept, programs, back-up, ARCnet, Ethernet

Control modules

- System design, networks, bus concepts, troubleshooting

Feeder

- Design, sensors and function principles, motor settings, practical exercises, pile calibration

Infeed

- Sheet sensors, motor settings, sidelay-free infeed (SIS), @ctive I/O and press encoders

Printing unit

- Electrical components, plate changing, motor settings, practical exercises

Perfecting unit

- System functionality, function principles, different drive modes
- Notes on maintenance

The training is conducted on the components of a Rapida.

Training methods

- Face-to-face training with comprehensive training documents which can also be made available in digital form at the end of the training upon request.
- Practical explanation and hands-on experience at a Rapida press.
- Direct presentation without translation in German, English and Spanish. Further languages subject to prior agreement.

Important notes

- 5-day seminar
- Minimum participants: 3
- Daily seminar times are from 8:30 a.m. to 4:00 p.m. (possibly earlier on the day of departure).
- The seminar costs include refreshments during the seminar, lunch in our staff canteen and transfers to/from Dresden Airport or Dresden railway station.
- Upon request and depending on the selected hotel, a free shuttle can also be organised for the daily transfer to/from the campus.
- The order in which topics are discussed may vary.
- We ask all seminar participants to bring their own standard work clothes and safety shoes when attending training.

Contact for appointments

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