

FormCutter Plus operator training

Seminar:

FormCutter Plus operation, configuration and maintenance training.

Target group:

Operator and plant operator

Objectives:

Participants will learn how to operate the FormCutter Plus, make corrections to the configuration and to change figures.

Fault analysis will also be covered teaching the participants how to troubleshoot failures and how to remedy quality problems.

Lastly the participants will learn how to maintain the system in good working order through the replacement of consumable parts.

Duration:

2 Days

Number of participants:

max. 6 participants

Seminar content:

1. System structure

- a. Components FormCutter Plus
- b. System overview
- c. System variants

2. Connections Interfaces (Theory)

- a. Socket connections
- b. Media connections (cutting gas / water cooling)
- c. Input / output interface
- d. Internal cables and interfaces

3. Installation (theory and practice)

- a. Connect the controller and start
- b. Cutting head/axis functions and connections
- c. Cabinet overview

4. FormDrive and SolidCutter (theory and practice)

- a. Structure X, Y and Z-axis
- b. Handling optics settings
- c. Handling and cleaning protection glass and focusing lens
- d. Cutting head and axis
- e. Spare parts of the cutting head

5. Software menus and commands (theory)

- a. Basic operation
- b. Program description
- c. Software operation
- d. System parameter settings
- e. Inputs / outputs interface to the robot
- f. Distance control function (Lasermatic-Z and EG8110)

6. Programming (theory and practice)

- a. Program example
- b. Sequence routines (speed, piercing, etc.)
- c. Changes, programming via remote VNC access (notebook)
- d. Backups and recovery

7. Practical exercises in the laser cell

- a. Distance measurement
- b. Cutting and cutting evaluation
- c. Optic errors and their impact

8. Troubleshooting (practice)

- a. Error messages, diagnosis and analysis
- b. Sensors
- c. Wiring and mechanical components

End of seminar

After successful completion of the course, a certificate is issued.

Questions

For further information or questions please contact Mr Iannotta at:

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