



Seminar series Welding Processes

Tandem Weld – Tandem welding with the robot
QR-TR-TW

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Seminar series

Welding processes

Tandem Weld – Tandem welding with the robot

This seminar is for robot programmers and users who have to edit, correct and maintain the robot programs. Learn everything about Tandem welding with the robot. Find out among others how to optimise the Tandem parameters, to determine the Tandem welding torch settings and to use the Tandem welding torch to weld sample workpieces.

Content

- Explain the Tandem weld process.
- Program Master and Slave wire.
- Show the differences between synchronous and asynchronous pulses.
- Carry out basic settings on the welding machine.
- Determine Tandem torch settings.
- Optimise operating modes and parameter settings.
- Maintain and adjust cable assemblies and torch cable assemblies.
- Determine the TCP (Tool Center Point) at the Tandem welding torch.
- Weld sample workpieces with the Tandem welding torch.

Target group

- Users who have to edit, correct and maintain the robot programs
- Robot programmers

Conditions

- Completion of the course: QR-TR-P1 Programming Basic Course
- Basic knowledge of the MIG/MAG welding technology

QR-TR-TW



Seminar period

2 days

Seminar times

Monday: 09:00 - 16:30

Tuesday to Thursday:

08:00 - 16:30

Friday: 08:00 – 12:00 a.m.

Participants

Small groups up to a maximum of 4 persons