



CREATING PRODUCTION CYCLES



Objectives

- Know how to operate the robot
- Be able to diagnose routine anomalies
- Be able to create production cycles with Simple Pick & Place and EPS



Program

PRINCIPLES OF THE ROBOT AND THE CONTROL SYSTEM

- Hardware
- Safety
- Initialization procedures
- Movements in manual mode
- End Of Arm Tooling (EOAT): installing, checking

STARTING PRODUCTION

- Choosing the program
- Home return and the first cycle
- End of production
- Changing the cycle's parameters in auto mode

CREATING CYCLES

- The Simple Pick & Place module
- Creating cycles with Pick & Place
- The cycle parameters
- EPS principles
- Analyzing a production cycle
- Procedure for creating cycles with EPS
- Modifying parameters

TROUBLESHOOTING

- Understanding the fault messages
- Troubleshooting and researching after a fault



Training Methods

- All of our courses are based on alternating between the transfer of know-how and good practice, with concrete exercises and real-life situations.
- All trainees will be given a folder containing the documents, exercises and corrections of the practical work done during the course.



Assessment Methods

- Trainees are assessed by the trainer for each module to measure the knowledge acquired at each step of the course, through practical work.

Date

To be determined

Place

On your production site
The SEPRO Campus (La Roche sur Yon/85)
The training center (Groissiat/01)

Duration

1.5 day / 10.5 hours

Target trainee

Operators
Setters

Number of participant

3 to 8 people maximum

Equipment

Rooms equipped with board (interactive, paperboard, white board, video projector)
Provision of robots with control systems (1 robot for 2 to 3 people)

Required knowledge

None

Access to training

Open to everybody

Formalization of the training

Attendance sheet provided by SEPRO