

*i*RPICKTOOL TRAINING

ROBOTS

DURATION

3 consecutive days (total of 21 hours)

TARGET GROUP

- Operators
- Programmers
- Service Technicians
- Department heads
- System Integrators

PREREQUISITES

Completed the FANUC course ROBOT HandlingTool - BASIC

PARTICIPANTS

4 Participants / Minimum 3

CERTIFICATE

If you receive a favourable assessment at the end of the course, you will be issued with a certificate.

LOCATION

FANUC Benelux BV
Oude Baan 3F – Zone B- red
2800 Mechelen
BELGIUM
Tel.: +32 15 78 88 71
Email: training@fanuc.be

HOTEL

Visit this link for hotel suggestions in the neigborhood

COURSE OBJECTIVES

The *i*RPickTool option is ideal for visual line tracking with multiple robots sharing the same conveyor. All queue management is done automatically. The *i*RPickTool training teaches the participants how to set up and run a system with *i*RPickTool.

At the end of the training, participants are able to:

- Connect and configure various components (sensors, camera, encoder, etc.)
- Set up a line tracking system using *i*RPickTool
- Configure and use *i*RVision for part detection
- Create and run TP programs using *i*RPickTool statements
- Optimize the line tracking process (after program execution)

COURSE CONTENT

- Overview of Line Tracking Hardware and Software
- Connection of the trigger sensor to detect when the part arrives on the conveyor belt
- Connecting the encoder and camera to the controller
- Calibration of the camera
- Use of built-in FANUC programs for *i*RPickTool, such as:
  - Activation of sensors
  - Queue management
- Running the production
- Optimisation of programs
- Backup and restore of programs

SME PORTFOLIO

FANUC Academy is registered for the SME Portfolio subsidy. If your company fulfils the conditions, the Flemish Government will pay 20% or 30% of the net cost of the training course.

Registration number: DV.0217283
Further information: www.kmo-portefeuille.be or call FANUC Academy: +32 15 78 88 71.