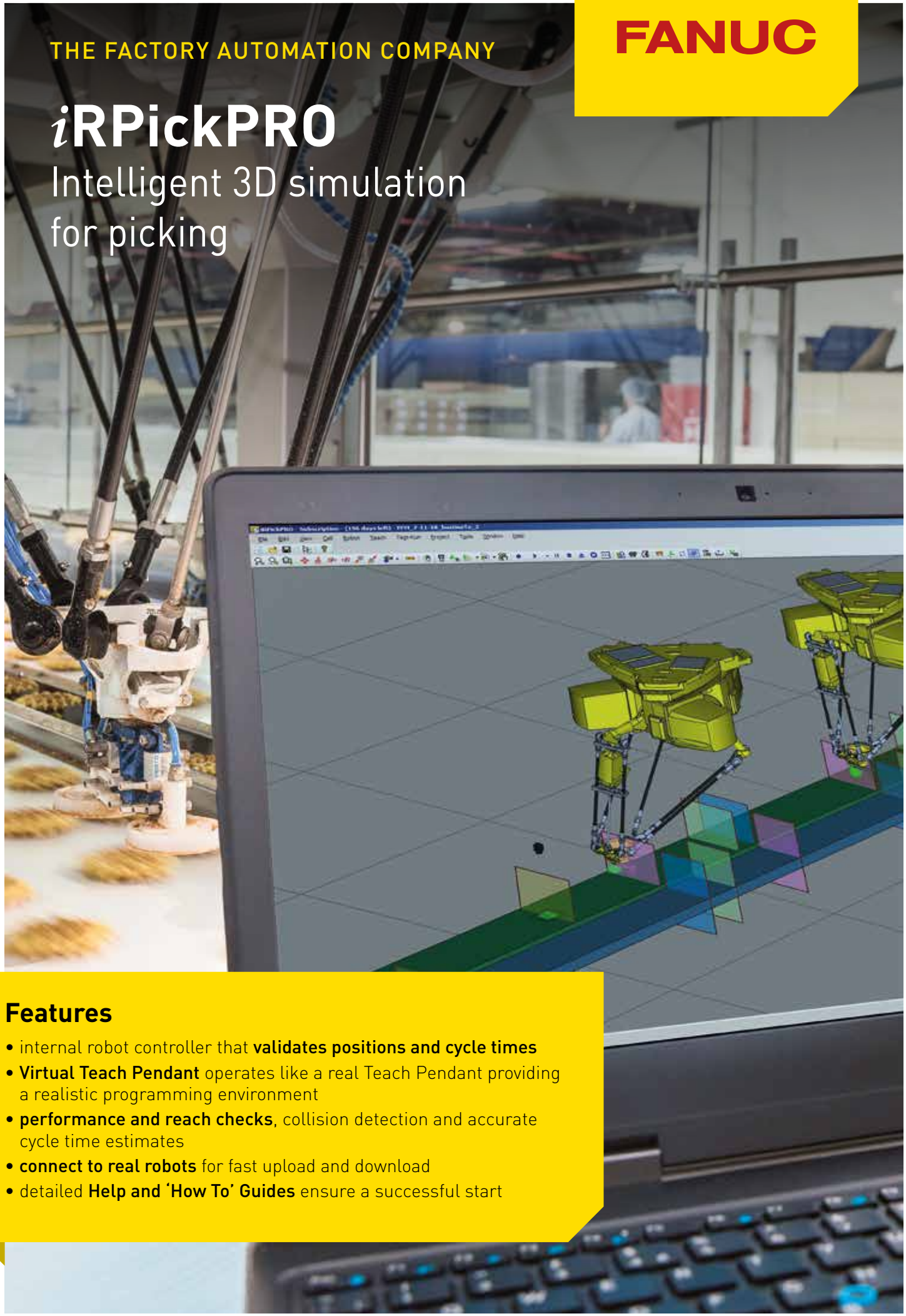
THE FACTORY AUTOMATION COMPANY

FANUC

iRPickPRO

Intelligent 3D simulation for picking



Features

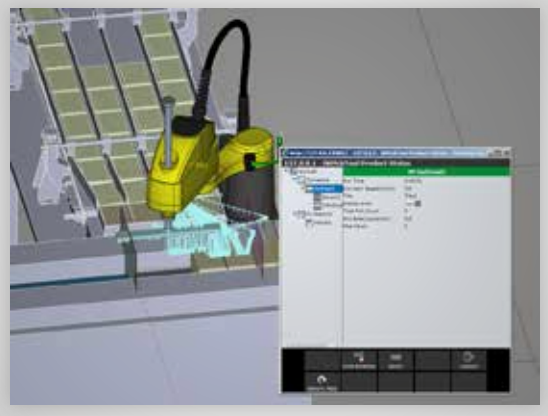
- internal robot controller that **validates positions and cycle times**
- **Virtual Teach Pendant** operates like a real Teach Pendant providing a realistic programming environment
- **performance and reach checks**, collision detection and accurate cycle time estimates
- **connect to real robots** for fast upload and download
- detailed **Help and 'How To' Guides** ensure a successful start

FANUC *i*RPickPRO – Optimise your robot process offline

- **Workcell Wizard** gives the user simple steps through the high speed picking/packing applications development process including robot model, controller, gripper, conveyor etc.
- **Workcell Browser** provides quick access to each detail of the workcell that can be expanded, checked and modified
- **Structured Menus** allow quick access to items that are required to be setup. Such as grippers, conveyor, fixed stations etc.
- **TP Program** will be automatically generated according to the setup of the system

Benefits

- **system evaluation** - programming can start, before the actual robot system is installed
- **quick and accurate** - import CAD data for cell layouts
- **easy simulation** - simulate robot system operation and performance
- **enhance and debug** -with the production line running users can improve and modify programs without experiencing downtime and lost production
- **fast and cost efficient troubleshooting** - just load an All of Above Backup



Process Verification

- **accurate cycle time** can be calculated by running the robot simulation
- **profiler function analyses** and displays execution, motion and wait times for each program line
- **visual identification of collisions** during the simulation helps to avoid collision and enables relocation/reprogramming of the robot
- **display of TCP trace** according to speed, orientation and acceleration, allowing touch up of the robot program before the robot is actually deployed
- **allows I/O mapping** between the robots within a workcell for communication and synchronisation purposes
- **record the simulation** of the robot system for later presentation and/or proposal uses

Program teaching

- *i*RPickPRO supports **automatic program generation**
- possible teaching of the robot path via built-in **Virtual Teach Pendant**
- **visual display** of work piece gripping motion
- **profiler function** to optimise path according process time and motion time of the robot

TEST *i*RPickPRO NOW!

WWW.FANUC.EU/ROBOGUIDE

MFL-03463-EN - 12/2018