PaintPRO
Intelligent 3D simulation for paint robots

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 PaintPRO – Optimise your robot process offline

• Workcell Wizard gives the user simple steps through the paint workcell development process including robot model, controller, gun type 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 setup guns, spray size, overlap or gun triggers
• CAD to path functionality allows quick and simple programming with standard pattern generation on parts

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
• PaintPRO supports automatic path generation from a CAD model of the part
• possible teaching of the robot path via built-in Virtual Teach Pendant
• visual display of paint thickness or time painted to optimise processes
• profiler function to optimise path according process time and motion time of the robot

TEST PaintPRO NOW!
WWW.FANUC.EU/ROBOGUIDE

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