ROBOGUIDE

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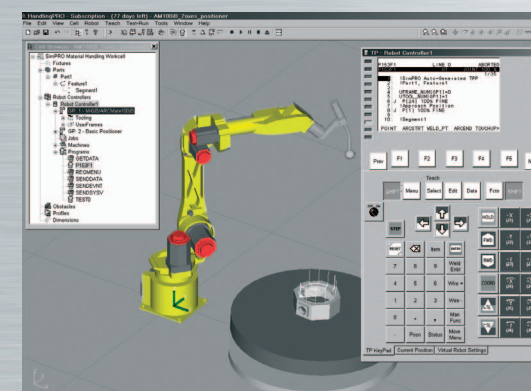
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FANUC N°1 IN

FACTORY AUTOMATION AND ROBOTS

PRODUCT
data
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ROBOGUIDE

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P e r p e t u a l   M o t i o n

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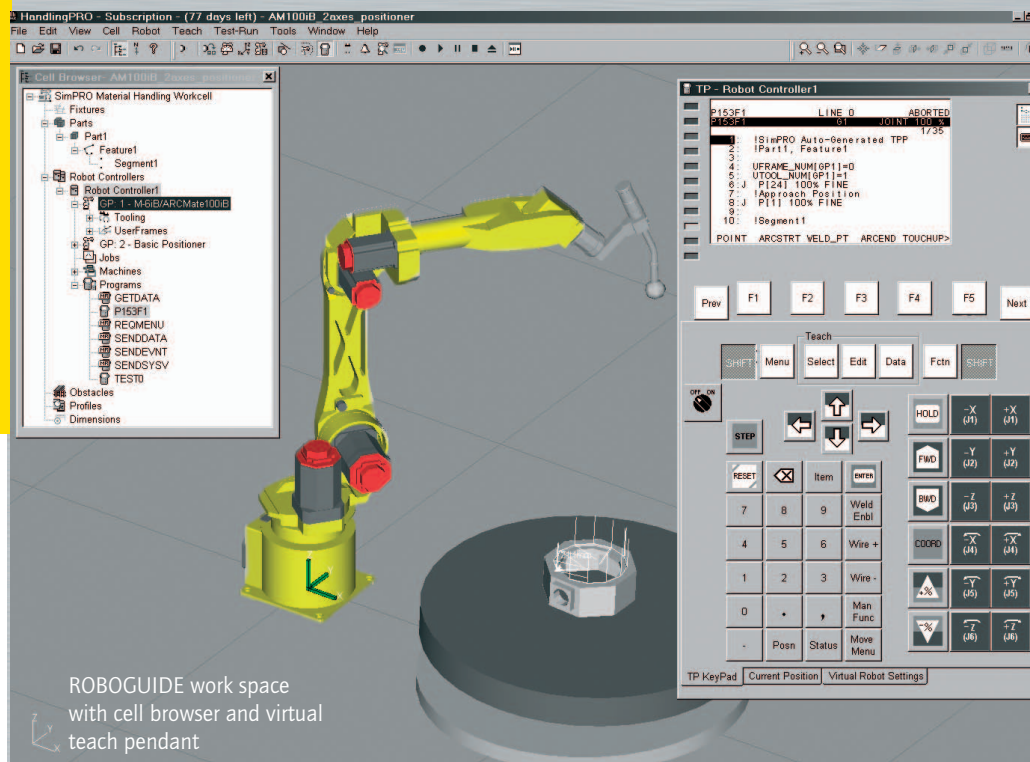P e r p e t u a l   M o t i o n

ROBOGUIDE

Basic Description

FANUC Robotics' ROBOGUIDE is an offline robot simulation software products built on a Virtual Robot Controller. With ROBOGUIDE you can design and test a robot system in a 3-D space prior to the delivery of the physical robot.

Sales and application engineers can import unique CAD models of parts, tools machines and workcells. It is easy to simulate the operation and performance of a robot system and evaluate cycle times and reach.

ROBOGUIDE includes an Integrated Virtual Teach Pendant that looks and operates like a real teach pendant.

ROBOGUIDE work space with cell browser and virtual teach pendant

FEATURES AND BENEFIT

All FANUC robots models (R-J3*i*B) can be simulated, from LR Mate100*i*B (5kg) to M-900*i*A/600 (600kg)

ArcTool, SpotTool and HandlingTool application software can be selected and configured.
►   reduce system cost and drastically accelerate system start up

Import of CAD data in IGES format
►   imported CAD data help build system layouts and evaluate system operation quickly and comprehensively

Virtual Teach Pendant
►   realistic and easy to use with (same menus & displays as the real robot), no special training necessary

Collision detection
►   visual warning in case of collisions during the robot simulation

Cell Calibration and User Frame
►   the simulation is quick and easy to calibrate to a real robot system and can automatically create reference programs (with three positions)

Graphical and video display of robot programs
►   graphical output of results for quick documentation and decision making
►   motion trace visualises the robot path
►   AVI video file output possible

Profiler function
►   the teach pendant program „profiler" analyses the timing of each program line in order to achieve best cycle times

OPTION LIST [EUROPEAN OPTIONS]

Basic software:
►   FANUC ROBOGUIDE (V6) Software for PC (A08B-9410-J605)

FANUC ROBOGUIDE PlugIns:
►   WeldPro for Arc Welding
►   Arc Welding Package for Dual Arm
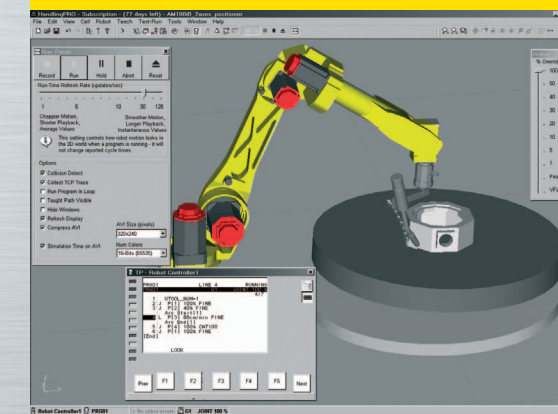
FANUC ROBOGUIDE (V6) Upgrade Option including
►   Auto Place Option
►   *i* Pendant Interface Option
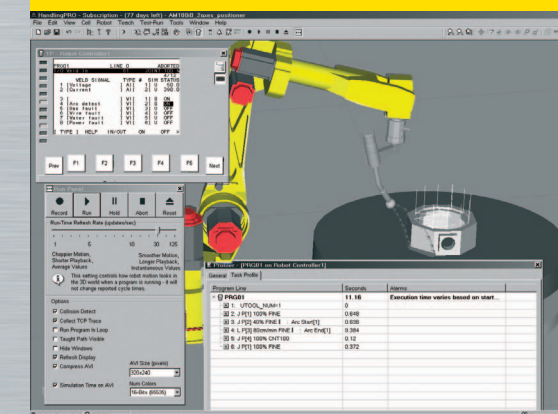►   Line Tracking Option

Chamfering Pro for deburring
►   automatically creates robots programs based on CAD data and vision programs in order to locate a work piece

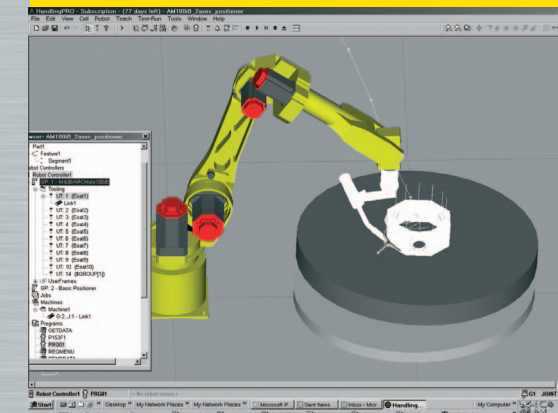**FANUC ROBOGUIDE System Monitor Software for PC**
For Palletising Pallet Pro and for painting applications Paint Pro

ROBOGUIDE run panel for program test and video recording

ROBOGUIDE profiler for cycle time optimisation and program analysis

Collision detection indicated by colour change for torch and work piece changes

Perpetual Motion ■ ■ ■