

Simple  and friendly

# Kawasaki Robot

EUROPE



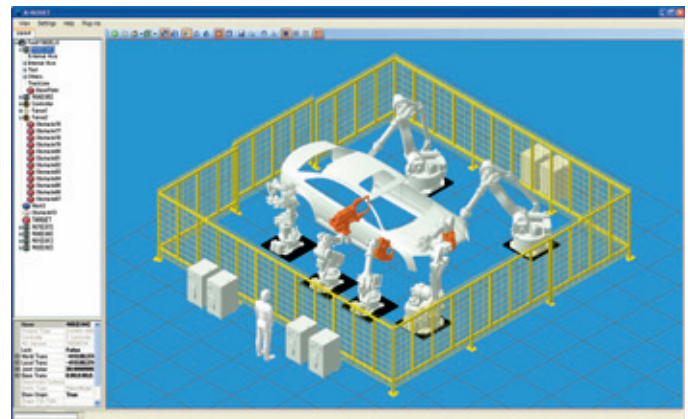
***K-ROSET***  
*Simulation Tool*

## Tools and Peripherals

## Planning reliability for your Automation

### K-ROSET – The Kawasaki Simulation Tool

- ➔ Easy 3D Simulation
  - ➔ Offline Programming
  - ➔ Useful for different Robot applications
  - ➔ Working out the system beforehand
  - ➔ Cycle time Analysis and interference contour check on PC
  - ➔ Automatic reachability study
  - ➔ Robot training on PC
- and much more



Optimize your Cycle time for spot welding processes

## K-Roset

**K-Roset**, the Kawasaki simulation tool, is a powerful PC-Program, containing the functions of the Kawasaki Robot Families to create real time simulations.

**K-Roset** implements the kinematic models and software structure of Kawasaki Robot control system, to provide an accurate simulation of the robot.

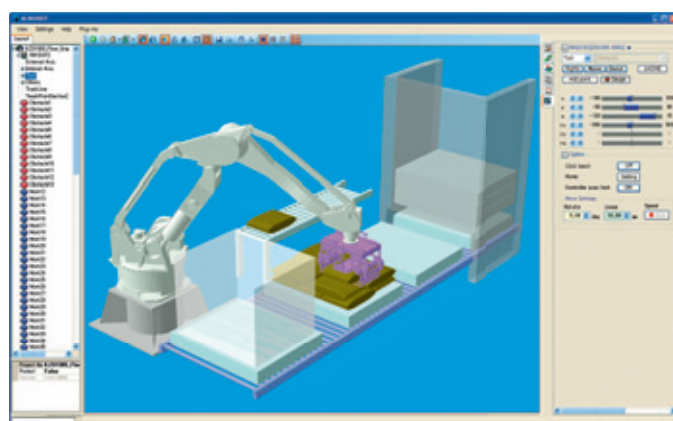
**K-Roset** is providing practical relevant results, which correspond to real requirements.

### Train your colleagues at the target!

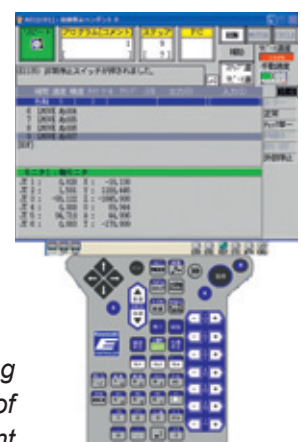
K-Roset provides simulation of the robot control system in AS and Block programming languages. User operations can be tested using virtual Teach Pendant, with the same interaction as the actual robot.

### Make up your own project!

By loading external 3D Data the Cell with robot gripper peripherals can be integrated and simulated. Signals can be set and monitored and gripper and conveyor movements can be simulated.



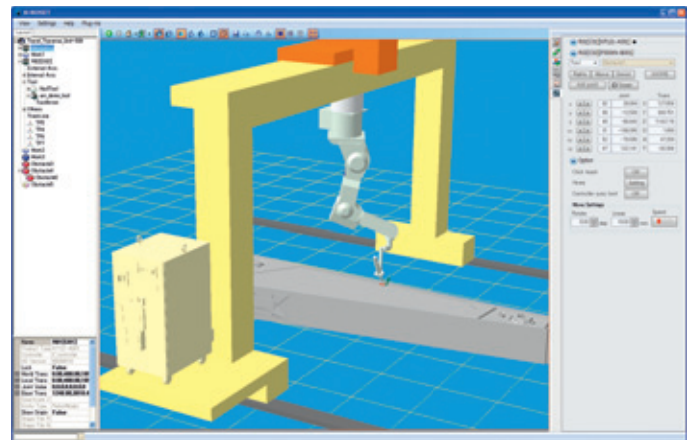
Realize your palletizing cell on the PC



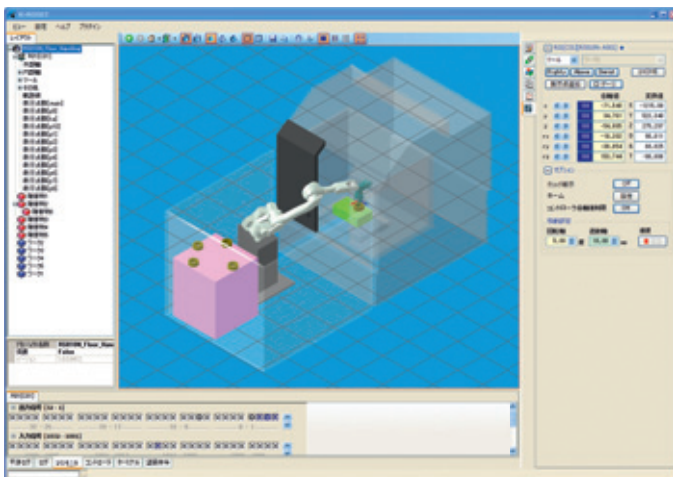
Realistic robot handling by complete simulation of the Teach Pendant

**Provide your customer with planning reliability!** The integrated video function makes it easily possible to realize presentation videos including change of perspectives of the customer projects and presents an animation of the application process.

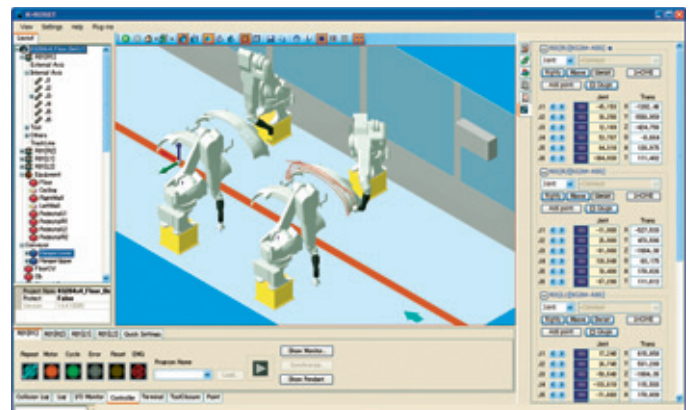
**Optimize your project course!** After removing interference contours, detecting the right positioning and optimization of cycle time, the result of the simulation can be adopted by the robot.



Use the integrated special functions to simulate arc welding processes



K-Roset Standard: handling



Realize automated paint movements

### System requirements:

Supported operating systems	Windows XP Professional x86 SP3, x64 SP2, Windows Vista x86, x64 SP1 Windows 7 Professional x86, x64 SP1
CPU	Intel Processor necessary
Memory required	min. 1 GB needed for Windows XP min. 2 GB needed for Windows 7
Resolution	1024 x 768 or higher
Grafik	supports Open GL NVidia min. 1 GB
Data media	CD
Additional programmes	Adobe Reader from Version 7
Supported CAD Format	STL

# Simple friendly **Kawasaki Robot**

## *Cautions to be taken to ensure safety*

For those persons involved with the operation / service of your system, including Kawasaki Robot, they must strictly observe all safety regulations at all times. They should carefully read the Manuals and other related safety documents.

Products described in this catalogue are general industrial robots. Therefore, if a customer wishes to use the Robot for special purposes, which might endanger operators or if the Robot has any problems, please contact us. We will be pleased to help you.

## *Inquiries*

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## *Agent*

