

ROBODK SOFTWARE

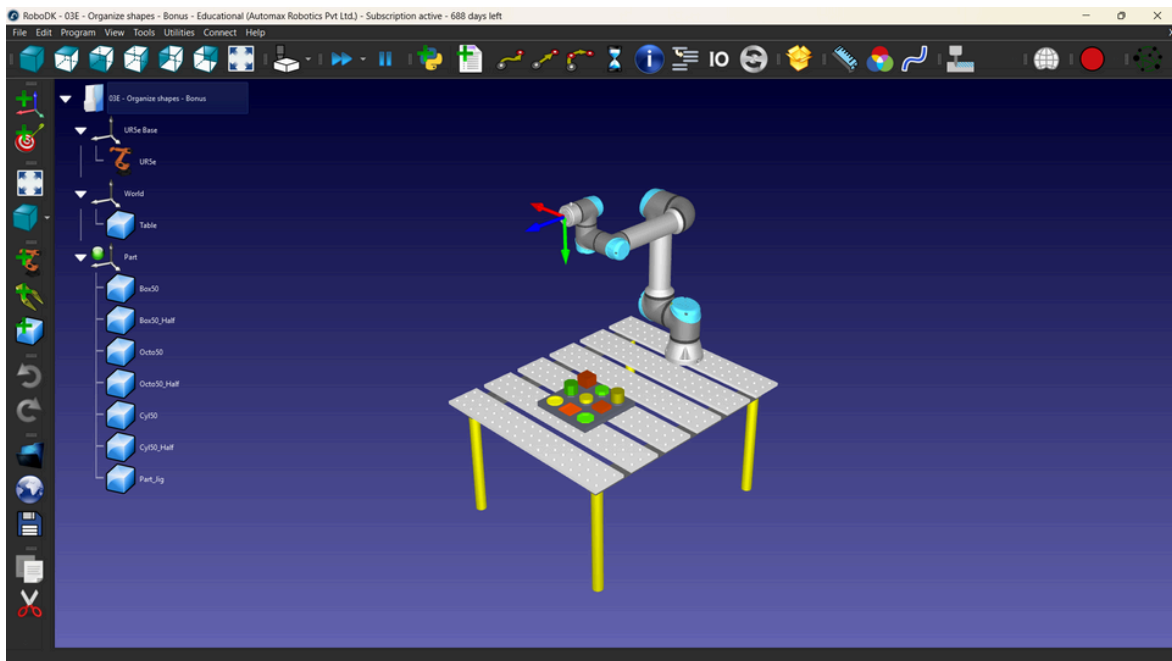


**"EMPOWER AUTOMATION:
SIMPLIFY ROBOT PROGRAMMING
WITH ROBODK."**

PRODUCT OVERVIEW AND KEY FEATURES

- **Product Overview:**

- **RoboDK**, partnered with **AUTOMAX**, brings you a cutting-edge offline programming and simulation software for industrial robots. This collaboration empowers industries to program, simulate, and deploy robotic solutions with unmatched ease and efficiency.

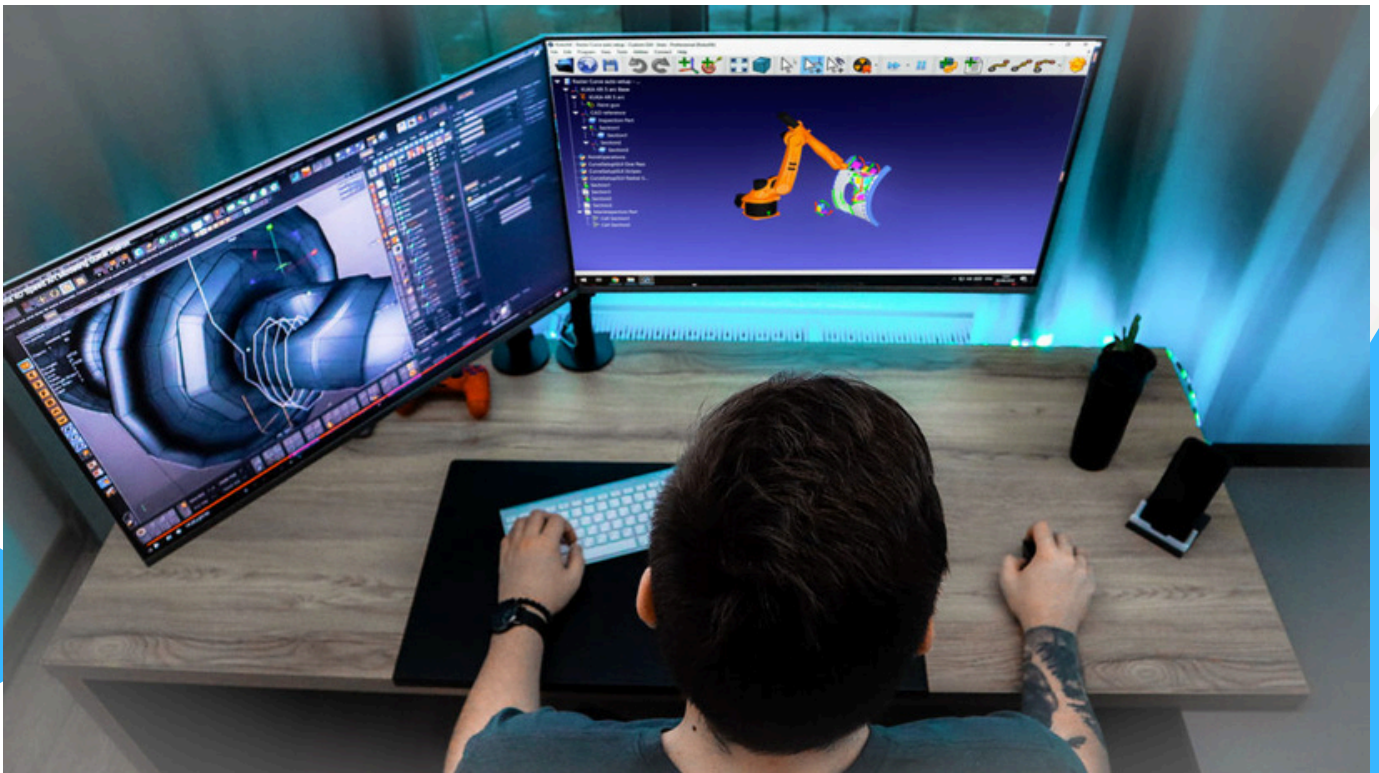


- **Key Features:**

- Supported by AUTOMAX as a trusted partner of RoboDK.
- Compatible with over 600 robot arms and controllers.
- Intuitive drag-and-drop interface for quick project setup.
- Supports robotic programming for complex manufacturing processes like welding, milling, and pick-and-place.
- 3D simulation for accurate task verification before deployment.
- Seamless integration with CAD/CAM software.

UNIQUE FEATURES OF THE PRODUCT

- Industry Collaboration: Backed by AUTOMAX, a trusted partner of RoboDK.
- Multi-Robot Compatibility: One of the most versatile software solutions, supporting robots from ABB, KUKA, FANUC, and more.
- Offline Programming: Eliminate downtime by programming robots offline and deploying code when ready.
- Custom Python Scripting: Flexibility to automate unique tasks with Python integration.
- Error-Free Simulation: Precise collision detection and path optimization ensure smooth operations.



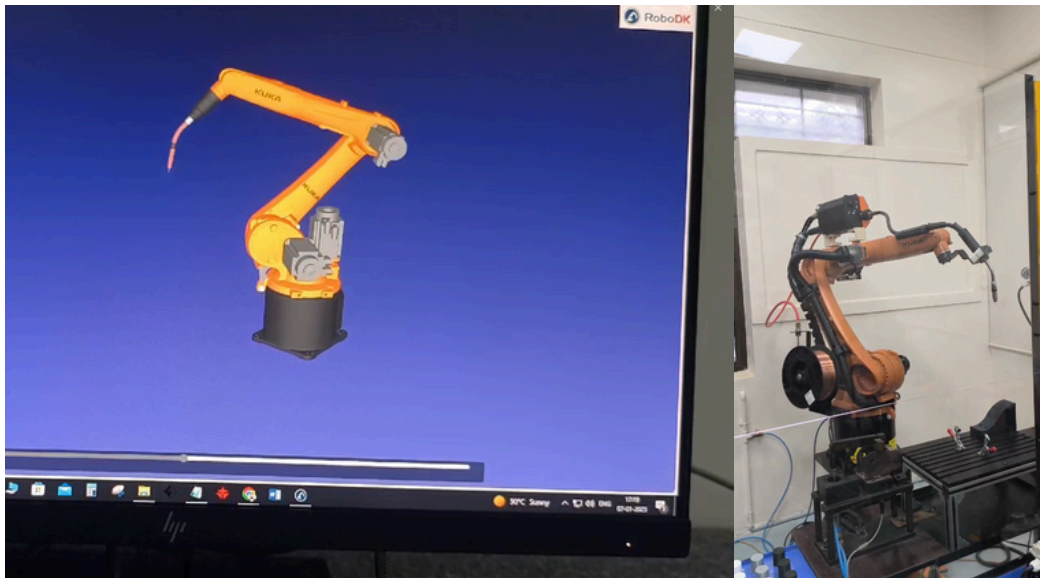
COMPONENTS & THEIR SPECIFICATION

Base Components

Feature/Component	Description	Specifications
Compatibility	Supported robot brands	600+ robot arms from major manufacturers
Simulation	3D environment for virtual validation	High-accuracy 3D rendering
Programming	Offline programming for robots	Supports Python and G-Code
CAD/CAM Integration	Seamless design file import	Supports STEP, IGES, STL, and DXF

INDUSTRIAL APPLICATIONS

- RoboDK, partnered with AUTOMAX, caters to a wide range of industrial applications:
- Automotive: Robot welding, painting, and assembly line optimization.
- Aerospace: Accurate CNC machining and 3D printing.
- Electronics: High-precision robotic pick-and-place operations.
- Manufacturing: Milling, grinding, and robotic inspections.
- Healthcare: Robotic-assisted surgeries and material handling.
- Image Suggestion:



ADDITIONAL FEATURES

- Virtual Commissioning: Test entire robotic systems in a virtual environment before deployment.
- Post Processor Library: Generate code for a wide range of robot controllers.
- User Community: Access tutorials, forums, and knowledge bases to maximize usage.
- Cross-Platform Support: Works seamlessly on Windows, Mac, and Linux.



WHY CHOOSE ROBODK SOFTWARE?

- Proven Expertise: Backed by RoboDK and its trusted partner, AUTOMAX.
- Save Time and Costs: Program and simulate offline to avoid production downtime.
- Increase Precision: Achieve error-free robotic operations with advanced collision detection.
- Scalable Solution: Perfect for small setups to large-scale industrial automation.
- Customizable Workflow: Tailor the software to meet your unique industrial needs.
- Global Support: Backed by expert customer service and training resources.



"Redefining Robotics: RoboDK and AUTOMAX – Your Partners in Industrial Excellence."

Image Suggestion:

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