

Payload capacity **18kg**
 Reach **1.3m**
 Max joint speed **435° /s**
 Repeatability **+/-0.025 mm**

ROBOTIC SOLUTIONS

Revolutionary

Introducing the revolutionary Standard Bots R01, a cutting-edge robotic solution designed to redefine efficiency and precision in machine tending applications. With the added advantage of seamlessly integrating with OnRobot's powerful end-of-arm tools, our solution not only streamlines programming complexities but also ensures ease of use. Elevate your automation capabilities and maximize your operational potential with the Standard Bots R01, where seamless functionality meets unparalleled performance.

Cost Effective

Our innovative and cost-effective programming sets a new standard for intuitive operation, making the R01 the ideal choice for businesses seeking to optimize productivity during third shifts or tackle highly repetitive tasks such as pick and place operations.

[CNC Tending](#)
 [Deburring](#)
 [Machine Tending](#)
 [Polishing](#)
 [Pick and Place](#)
 [Welding](#)
 [Case Packing](#)
 [Sanding](#)
 [Palletization](#)
 [Painting](#)

On Robot Grippers add the versatility to complete any task



Simple Pick and place



Odd shapes are now straight forward



Electric Vacuum make cardboard palletizing simple

PICK AND PLACE

Fully automate pick and place operations with R01

MORE COST EFFECTIVE

Standard Bots R01 is the most advanced and affordable six-axis robot available today.

ADVANCED FUNCTIONALITY

R01 has better payload capacity, joint speed, repeatability, and camera vision than its competitors.

EASIER SETUP AND AUTOMATION

An intuitive touchscreen interface means anyone can quickly set up and operate R01. No code required.

The future of
robotics software.



AUTOMATE YOUR PICK AND PLACE OPERATION

- Easily handle pick and place operations with a 1.3m reach and best-in-class 18kg payload.
- Operators can quickly repurpose R01 for different tasks with no-code programming and a portable base.
- Work alongside operators with safety features built in.

COLLABORATIVE ROBOTICS

R01 operates around humans in busy cells without additional, expensive sensors or space-consuming safety fences

AFFORDABLE DEPLOYMENT

Despite being faster, stronger and more precise, R01 is significantly more affordable than incumbent competitor robotic arms

BEST-IN-CLASS VISION

R01 is the only robot in its class to feature built-in vision. Operators can quickly automate object detection tasks without any prior knowledge