

# UNIVERSAL ROBOTS PALLETIZER

A portable, collaborative palletizing system that requires no programming to operate.

# PALLETIZUR™

ONExia Robotics

The PalletizUR is designed and built by ONExia, a robotics integrator located in Pennsylvania.

UNIVERSAL ROBOTS  
Certified System Integrator



## Turn-key Robotic Automation

The PalletizUR is a flexible, robotic palletizing system that provides end-users the features needed to quickly set up a robot to stack boxes or other standardized products for final shipment.

### SYSTEM FEATURES

The PalletizUR requires no programming and can be deployed to packaging lines in under an hour.

- **Minimal footprint** - no guarding or caging needed
- **Portable** - easily moved with a forklift or pallet jack
- **Collaborative** - full rating for entire system
- **Quick deployment** - requires an outlet and an air line
- **Continuous operation** - palletize to both sides

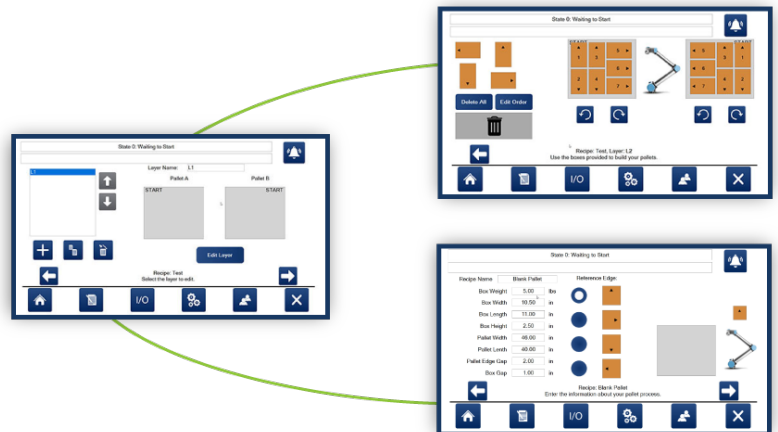
## No Programming Needed!

The PalletizUR comes with our custom drag-and-drop palletizing software preloaded on the touchscreen interface.

### SOFTWARE FEATURES

The PalletizUR can be quickly adjusted for new pallet configurations as production demands change.

- **Simplified interface** - control the entire system through the embedded touch screen
- **Drag-and-drop software** - build pallets with no programming needed
- **Pallet library** - save and recall 100's of pallets for even quicker changeover



## System Specifications

Each PalletizUR system includes the palletizer base and a Universal Robots 10e OEM Collaborative Robot.

### MACHINE DETAILS

- Lifter travel: 19.5"
- Mobility: fork pockets for pallet jack or forklift
- Steel enclosure (HMI): not rated
- HMI specs: 12.1" touchscreen
- Pallet sensors: Photoeyes for pallet presence
- Power: single phase, 115 VAC, 15 amps
- Air consumption: based on box characteristics

### CYCLE TIME

- Up to 10 picks per minute\*
- \*Higher rates may require additional safety

### PALLET DIMENSIONS

- Maximum pallet height: 70" (application specific)
- Maximum pallet width: 48"
- Maximum pallet depth: 40"
- Slip sheets: Yes

### CARTON/PAYLOAD

- Minimum box size: 8" x 8" x 3"
- Maximum weight: 18 lbs (+/- tooling weight)
- Maximum box size: limited by weight

### STANDARD SAFETY

- The PalletizUR runs collaboratively out of the crate with no additional safety required.

### ADDITIONAL SAFETY OPTIONS

- **Area Scanners (up to 4)\***
    - Slows robot if someone is in work area
  - **Hard Guarding\***
    - Complete guarding for work-cell
- \*All available for additional cost