# cobotiz**ur**
the collaborative palletizer

## The Cobot Palletizing 'Platform'

Palletizing
Plug & Play.

Any Case | Any Pattern

# IMPAQT
R O B O T I C S

## cobotizur

cobotizur is a flexible, plug & play cobot palletizing platform designed to work with Universal Robots' UR10e, UR8L, UR12e, UR15, UR16e, UR20 and UR30.

It simplifies the palletizing process by eliminating the need for additional guarding or fencing, allowing workers to focus on more valuable tasks and improving productivity.

## Value Proposition

cobotizur democratizes palletizing by offering a simple, platform-based solution that drastically reduces setup time and complexity.

Unlike traditional systems with long lead times for design and installation, cobotizur can be operational within hours, minimizing downtime and enhancing productivity.

Its user-friendly design allows engineering integrators or end customers to install and operate the system without specialized assistance, lowering operational costs and making advanced palletizing technology accessible to a broader range of businesses.

## Advantages

cobotizur offers quick installation, significantly reducing downtime and deployment costs compared to traditional palletizing systems.

The automation of the palletizing process enhances workplace safety and ergonomics, freeing workers from repetitive and injury-prone tasks. This shift not only improves job satisfaction but also increases overall productivity by allowing employees to focus on more value-added activities.

The integration with various Universal Robots models ensures reliability and versatility. The user-friendly design and platform-based approach make it easy to operate and maintain, further reducing operational costs.

## Palletizing as a Platform

cobotizur integrates seamlessly with Universal Robots, enabling easy installation by system integrators and end customers worldwide.

This platform-based approach ensures quick setup and minimal downtime, making automated palletizing accessible to more businesses. The standardized design allows for straightforward operation and maintenance, facilitating a smooth integration into existing production lines.

## Applications

cobotizur is ideal choice in the manufacturing sector, to automate palletizing of various products, from consumer goods to industrial components, improving throughput and ensuring consistent stacking quality. This consistency reduces the likelihood of product damage during transit and enhances overall operational efficiency.

The ability to quickly changeover SKU makes the cobotizur extremely versatile, enabling businesses to optimize their workflows, reduce labor costs, and improve overall efficiency.

# Start palletizing in 60 minutes!

| | CT10 | CF20 |
|---|---|---|
| **Payload** | up to 11.5 kg (25lbs) | up to 23.5 kg (52lbs) |
| **Speed** | up to 8 picks / min | up to 14 picks / min |
| **Pallet size** | up to 1,219 x 1,016 mm | up to 1,219 x 1,219 mm |
| **Max Stack Height** | up to 1,800 mm | up to 2,200 mm |
| **SKU Memory** | Unlimited | |
| **Compatible with** | Universal Robots UR10e | Universal Robots UR20 |

## Plug & Play

## Scope of Supply

Standard:
- Vertical 7th Axis (as per model)
- Vacuum Gripper
- Qik-kit for Cable Management
- Pneumatic Tube
- Touch Panel HMI
- Tower Lamp
- Pallet Guides
- Pallet Sensor x 2
- Pick Sensor for Conveyor x 1
- cobotizur URCap
- Industry 4.0 Connectivity'
- CE Compliant

Add-on:
- Pick Conveyor
- Controller Stand
- Safety Laser Scanner
- Safety Light Curtain

**Fastest Installation**

**One Point Teaching**

**Unlimited SKU**

**Single or Dual Pallet**

**Modular - Easy to Move**

**URCap Functionality**

**Industry 4.0 Connectivity**

**CE Confirmity**

# Three ways to deploy cobotizur

A single platform, engineered to support different deployment paths.

Not every palletizing project has the same requirements. Some companies want a flexible foundation that can be integrated with existing systems. Others prefer a turnkey package that works straight out of the box. And some operations deal with high product variation, complex patterns, or frequent changeovers that demand advanced capabilities.

cobotizur is designed to cover all of these needs with three versions: Lite, Standard, and Powered by Pally. Each version builds on the same plug-and-play cobotizur platform, available in two models: CT10 with a telescopic column and CF20 with a fixed column. This ensures you can match both the solution tier and the system design to your application.

With cobotizur, you can select the right version for your operation today and scale as your requirements evolve, or go straight for a complete system. The flexibility is yours.

## cobotizur Lite
*A Smart Foundation*
Impaqt Robotics hardware with essential controls included, supplied without palletizing software so you can integrate the solution of your choice, with optional extras for flexibility.

## cobotizur Standard
*The Complete Package*
Impaqt Robotics hardware with gripper, cable management, and HMI included, delivered with Impaqt Robotics palletizing software for a complete solution that is ready to run from day one.

## cobotizur Powered by Pally
*Scale to the Complex*
Impaqt Robotics hardware with standard components included, fully integrated with Rocketfarm's Pally software to provide advanced palletizing features for complex and high-mix applications.

CF20
Fixed column
Payload 23.5 kg

CT10
Telescopic column
Payload 11.5 kg

## cobotizur Lite

cobotizur Lite is the foundation version of the platform, designed for customers who want to handle the palletizing logic themselves. It comes with the essential controls already built in: PLC, HMI, and field bus connectivity. The gripper and cable management can be added if required.

Lite is compatible with third-party software, external depalletizing tools, and multiple robot brands, which makes it a good choice for system integrators or companies that prefer to use or develop their own palletizing software. It provides a lean and flexible platform that can slot into existing workflows without major changes or vendor lock-in.

Available in both the CT10 telescopic model and the CF20 fixed-column model, Lite gives partners and advanced users a reliable base for building tailored palletizing solutions.

## cobotizur Standard

For customers who prefer a turnkey solution, cobotizur is available as a complete package.

Alongside the PLC, HMI, and cable routing system, it comes with a dedicated palletizing gripper and Impaqt Robotics' native palletizing software. Operators are guided step by step via an intuitive interface, making it possible to set up pallet patterns and start production with minimal training.

This version is designed for companies who want a straightforward path to automation: uncrate, install, configure, and begin stacking with a system that is ready to work on day one.

Whether choosing the CT10 model with its telescopic column or the CF20 model with its fixed design, the Standard package delivers the same simplicity and reliability.

## cobotizur Powered by Pally

Some palletizing applications require advanced logic, frequent changeovers, or more complex stacking patterns. To address these cases, cobotizur can be delivered with Rocketfarm's Pally software fully integrated.

The "Powered by Pally" version combines the cobotizur platform with Pally's advanced capabilities, creating a solution that scales from everyday tasks to highly demanding projects. Customers gain access to features that support high-mix environments, complex layouts, and dynamic workflows, while retaining the simplicity and reliability of cobotizur.

Whether paired with the CT10 model for compact layouts or the CF20 model for higher payloads and taller stacks, Powered by Pally provides future-proof flexibility without compromise.

PALLY

ROCKETFARM

**Keeps initial investment low while delivering core functionality**

**Compatible with third-party software and depalletizing tools**

**Flexible base that can be expanded when needs grow**

**Ready-to-use solution with hardware and software included**

**Guided interface simplifies operator training and changeovers**

**Reduces project timelines and risk of integration delays**

**Handles both simple and highly complex palletizing tasks**

**Advanced software features for high-mix and dynamic workflows**

**Scales seamlessly as production requirements evolve**
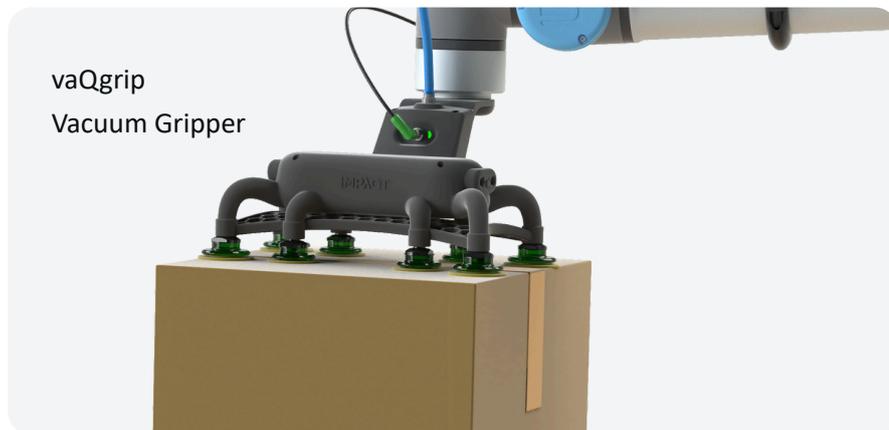
# Everything you need, already included

Many palletizing projects stall because too many components have to be sourced, engineered, and integrated from scratch. cobotizur eliminates that complexity by arriving as a complete, pre-engineered kit.

Each cobotizur includes the column, gripper, cable management, pallet guides, sensors, HMI, and tower lamp. All parts are designed to work together from day one. This standardization reduces engineering hours, removes uncertainty in costs, and makes every installation predictable.

With cobotizur, what you see is what you get: a collaborative palletizer where every part is designed for the same purpose and every detail has already been thought through. Instead of starting from scratch with each project, you gain a proven, repeatable platform that accelerates deployment and protects ROI.
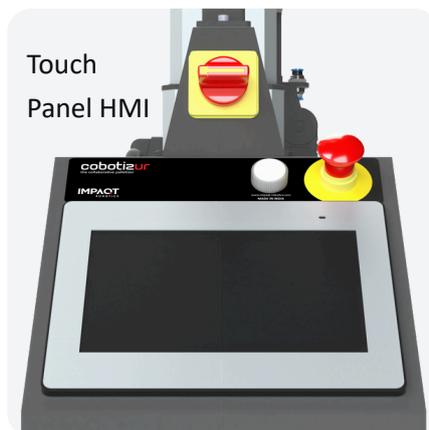


Telescopic or Fixed Pillar
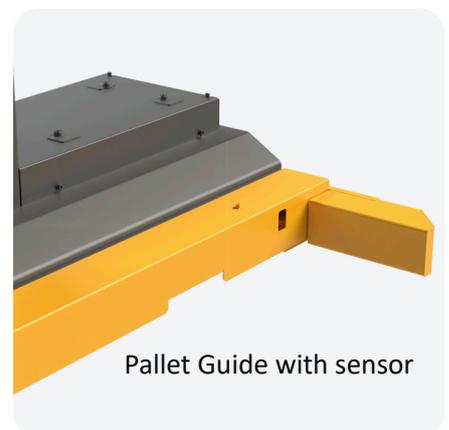


vaQgrip Vacuum Gripper



Qik-kit for Cable Management



Tower Lamp



Touch Panel HMI



Pallet Guide with sensor

![cobotizur — the collaborative palletizer]

# Why manufacturers choose cobotizur

Traditional palletizing projects often face the same hurdles: installations take longer than expected, tooling has to be custom-made, floor space disappears behind safety fencing, and redeploying to a new line requires starting over.

cobotizur was built to eliminate those problems. It is the world's first UR+ certified collaborative palletizer, installed globally since 2019, with over 100 systems deployed. It arrives as a complete, pre-engineered kit that can be uncrated, installed, and running in less than an hour.

With integrated gripper, column, cable management, and sensors, cobotizur is more than a machine. It is a standardized platform for palletizing. It has been proven in the field for eight years of continuous operation and is trusted by manufacturers worldwide to deliver predictable ROI.
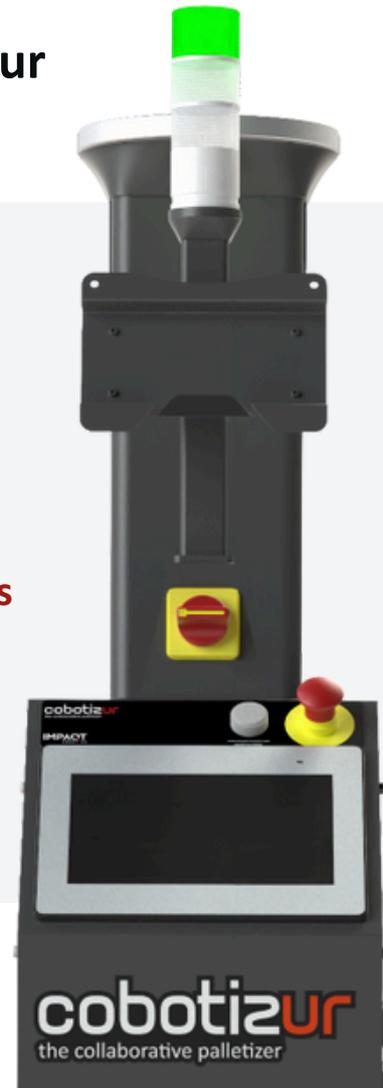
**Deployed in Under 60 Minutes**

**50% Lower Cost of Ownership**

**100% Compatible with UR**

**Built for first-time cobot buyers**

**Safe, compact, configurable**

**Industry 4.0 Connectivity**

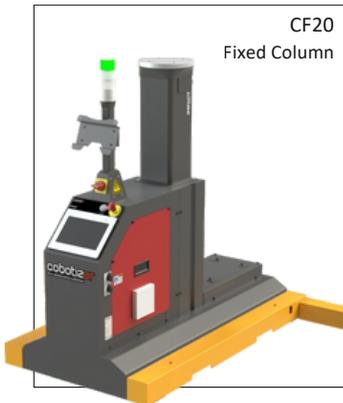**World's first UR+ approved collaborative palletizer**

**Longest running UR palletizing platform in the world**
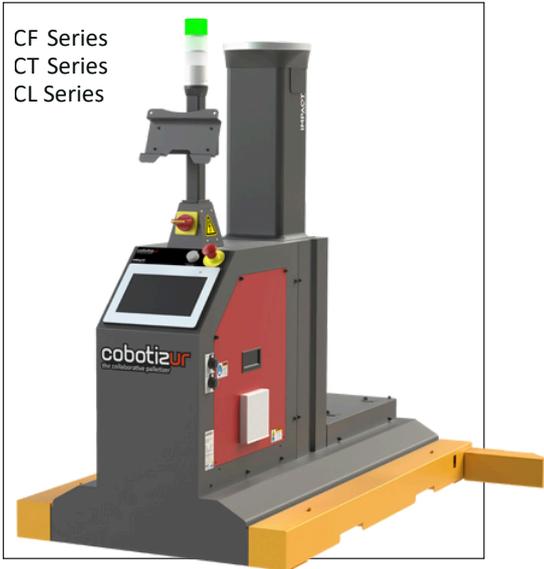
**100+ deployed globally**

Trusted by

Unilever · Coca-Cola · Johnson & Johnson CONSUMER HEALTH · Kenvue · Dr.Reddy's · LaVirginia Sabores que conquistan

| CF20 Fixed Column | CT10 Telescopic Column | CL10 Linear Track |
|---|---|---|

# Product Lineup

## cobotiz**ur**
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The Cobot Palletizing Platform

CF Series
CT Series
CL Series

## casemagiQ®
Patent Pending

Universal Case Forming EOAT

## vaQgrip®Click
Patent Pending

Modular Vacuum Gripper System

## pneumagiQ®
Patented

Universal Pneumatic EOAT Interface

| PQ90 | PQ9020 |
|---|---|
| PQ180 | PQ0 |

## pneuvaQ®
Patent Pending

Integrated Pneumatic + Vacuum Interface

PV21

## Qik-mount®
Cobot Peripherals

## Qik-kit®
Cable ManagementSystem

## IMPAQT
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