ROBOTIQ

Applied Integration
Digital Innovation

ROBOTIQ PALLETIZING *SOLUTION*

Simplicity Meets Flexibility

AUTOMATICALLY GENERATED AND OPTIMIZED SMOOTH MOTION

UP TO 13 BOXES PER MINUTE

START PRODUCTION FASTER

Ease-of-use is redefined with the Robotiq Palletizing Solution. Open the box, and the hardware and software is already connected. Plan your set-up in just three steps directly on the robot control device.

IT'S ALL CONNECTED

No need to design or program the connection between the robot controller and 7th axis or box sensor; we've done it.

All the elements included in the box are connected, so you don't have to spend any time on this.

HIGH PERFORMANCE

Earn an ROI faster than with other cobot solutions, because of the high performance cycle time.

What makes it perform so well? Optimized, synchronized motion control of the cobot and 7th axis. Plus, seamless movements also mean a longer life cycle for your cobot.

FITS EASILY WITHIN YOUR EXISTING FLOOR PLAN

The Robotiq Palletizing Solution fits easily within your existing floor plan, given its small footprint. No need to reorganize your floor layout around a central robot.

SAFETY FIRST

Because safety is crucial, we have built an environment for safe integration. We also support third-party safeguard devices.

SPECIFICATIONS

Box	
Max payload	Up to 16 kg *Up to 35 lb*
Max Box throughput	Up to 13 boxes/min*
Min Box dimensions	50 x 50 x 50 mm *2 x 2 x 2 in*

* Depends on box weight, dimensions, surface, pallet dimensions and layouts.

Pallet	
Pallet dimensions - width	from 300 to 1219 mm *from 12 to 48 in*
Pallet dimensions - depth	from 300 to 1219 mm *from 12 to 48 in*
Pallet height (empty)	min 25 mm *min 2 in*
Pallet height (filled)	max 2200 mm *max 87 in*
Max number of box patterns	2

WHAT'S THE DIFFERENCE?

Max pallet height:
2750 mm
108 in.

AX Series

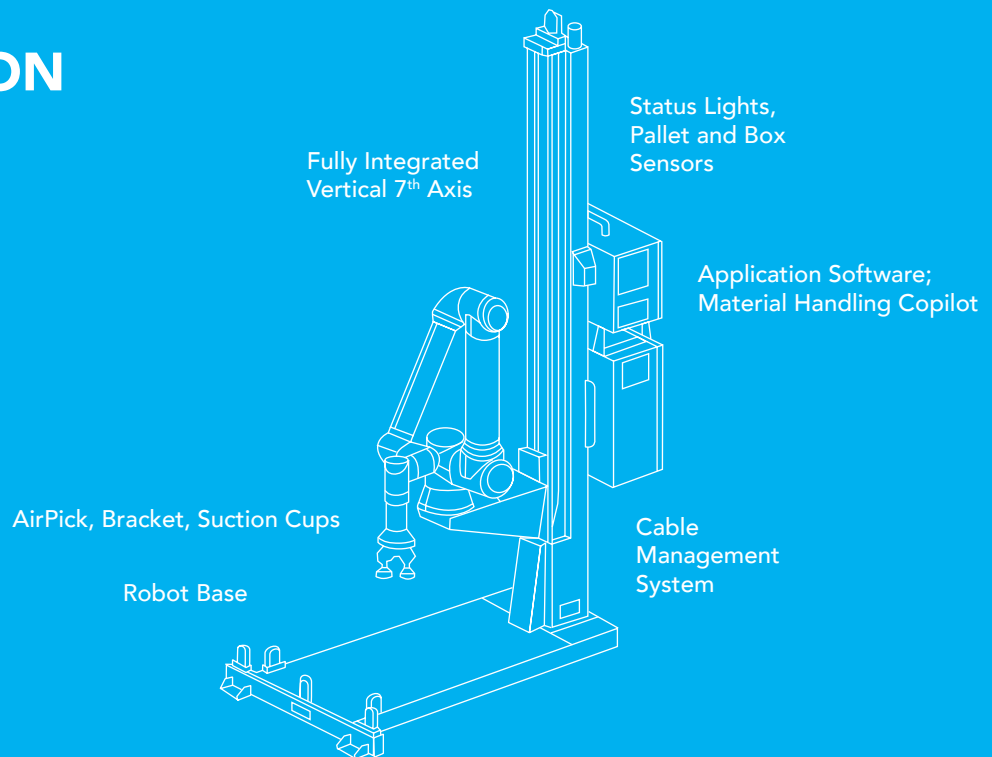Fully integrated
vertical axis.

Teach pendant
support.

Max pallet height:
1500 mm
60 in.

PE Series

Manually
adjustable
pedestal.

Teach pendant
stand.

Operator box.

THE SOLUTION

Fully Integrated
Vertical 7th Axis

Status Lights,
Pallet and Box
Sensors

Application Software;
Material Handling Copilot

AirPick, Bracket, Suction Cups

Cable
Management
System

Robot Base

WHAT'S NEXT?

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For further information contact
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ROBOTIQ | LEAN ROBOTICS

Get access to
the Robotiq Palletizing Solution at
robotiq.com

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