

Palletizing Solutions

Your solution to

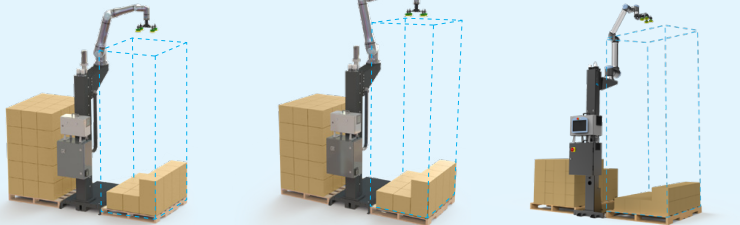
- Labor Shortages
- Increased Productivity
- Employee Ergonomics and Safety



Models

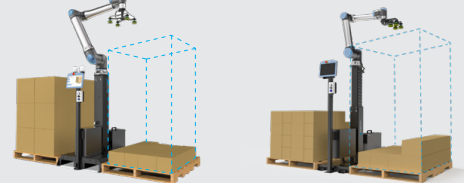
AX Series

The AX Series uses a 7th axis as a linear transfer system to extend the robot's vertical reach. The AX Series excels by providing the fastest cycle times and highest reach of any comparable palletizing system—all in a compact footprint.



PE Series

The PE Series, ideal for settings with fewer pallet height variations, makes the most of limited spaces by mounting cobots on a pedestal, which maintains high performance in compact areas.



Model	AX30	AX20	AX10	PE20	PE10
Payload	27 kg (60 lb)	18 kg (40 lb)	11.5 kg (25 lb)	18 kg (40 lb)	11.5 kg (25 lb)
Reach					
Throughput*	10 cycles/min	10 cycles/min	13 cycles/min	13 cycles/min	13 cycles/min
Pallet height*	2750 mm (108 in)	3000 mm (118 in)	2750 mm (108 in)	2150 mm (84 in)	1550 mm (60 in)
Max pallet width	1219 mm (48 in)	1219 mm (48 in)	1219 mm (48 in)	1219 mm (48 in)	800 mm (31 in)
Max pallet depth	1219 mm (48 in)	1219 mm (48 in)	1219 mm (48 in)	1219 mm (48 in)	1219 mm (48 in)
Num of box patterns	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited
Gripper compatibility	All	All	All	All	All
Footprint	≥ 2900 x 1766 mm	≥ 2900 x 1766 mm	≥ 2700 x 1766 mm	≥ 2900 x 1766 mm	≥ 2700 x 1766 mm
Software	Robotiq Material Handling Copilot Software	Robotiq Material Handling Copilot Software	Robotiq Material Handling Copilot Software	Robotiq Material Handling Copilot Software	Robotiq Material Handling Copilot Software

Throughput and pallet height depend on various factors. [Quickly assess feasibility with the Robotiq Online Configurator.](#)

Evaluate your palletizing application

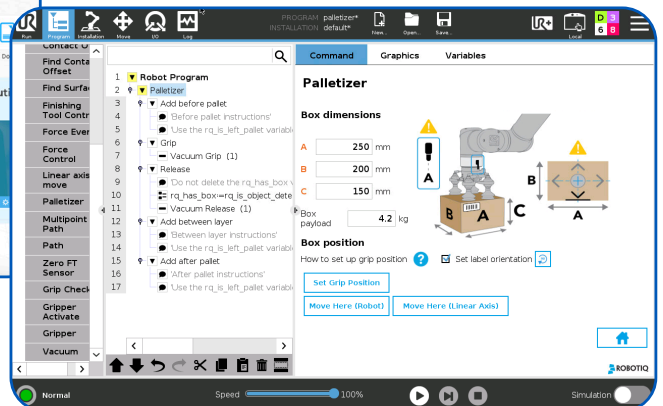
with the online Robotiq simulator.

Test product fit and enter basic information about your process to find out if it is compatible.

Set up your application in three easy steps with the URCAP plug-in

Automatically generate and optimize all trajectories and robot movements using only the information below:

1. Box dimensions, weight and orientation
2. Pallet dimensions
3. Pallet configuration



End Effectors

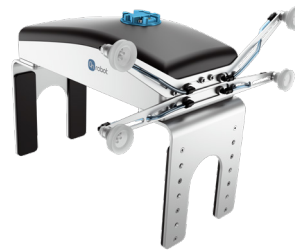
ROBOTIQ



PowerPick

Vacuum gripper capable of lifting 60 lbs., 46 different handling options.

On robot



2FGP20

Versatile electric gripper with wide stroke and customizable arms, handles heavy and open boxes with slip sheet gripper.

Safe and Light

Foam Vacuum Gripper with valves technology available for constant gripping power regardless of the type of product.

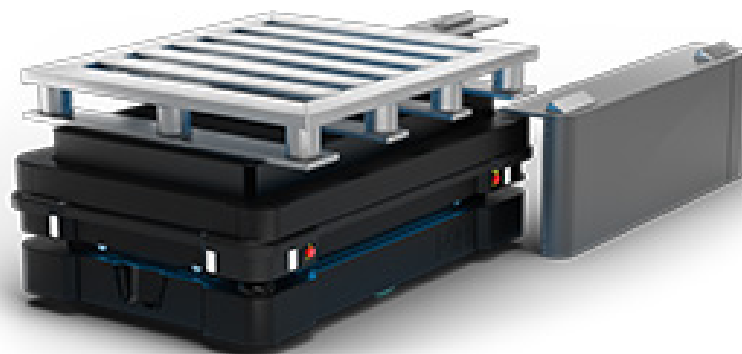
JOULIN
A brand by Piab Group



Pallet Moving Robots

Delivery stations for your pallets of various sizes. Autonomously collect and deliver pallets with stable transportation of payloads up to 1,250 kg (2,755 lbs).

MiR
A BETTER WAY



Talk to an expert, book a demo, request a quote.

- Experienced team of Automation Experts available to manage your project from design to deployment
- Customized training available



People

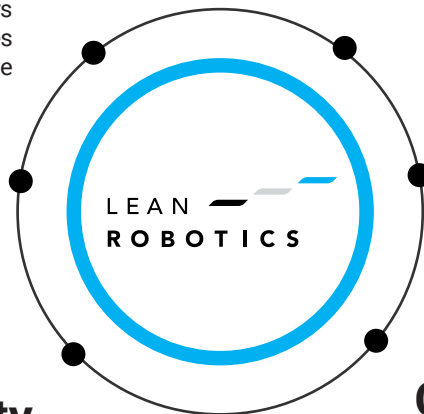
Safer for the workers
Alleviate labor challenges
Intuitive and easy to use

Design

Proven, pre-engineered platforms
Modular tooling, safety modules, open to 3rd party
Online simulator for quick performance validation

Productivity

Increase factory throughput
Reduce operating costs
Ensure pallet consistency



Integrate

Risk free, 1 week onsite deployment
Compact footprint, adaptable to your factory layout
Intuitive user interface

Adaptability

Adapts easily to production changes
Standard technology to scale in your factory(ies)

Operate

Best performance in cobots (13 picks/min, 2.75m height)
Reliable, more than 400 deployed
Flexible tooling and easy to use software

Ralph W. Earl
AUTOMATION SOLUTIONS



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