TURNKEY PALLETIZING SOLUTION

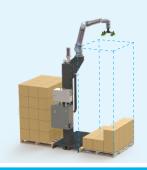
A permanent fix for your staffing woes

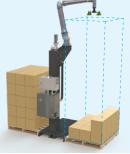
" The ROI was a slam dunk. Smoothest equipment installation I have seen in 28 years. "

—Greg Thayer, VP, Cascade Coffee

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
Payload*
Reach
Throughput*
Pallet height*
Max pallet width
Max pallet depth
Num of box patterns
Gripper compatibility
Footprint
Software

AX30	
32 kg (70 lb)	
10 cycles/min	
2750 mm (108 in)	
1219 mm (48 in)	
1219 mm (48 in)	
Unlimited	
All	
≥ 2900 x 1766 mm	
Robotiq Material Handling Copilot Software	

AX20	AX10
23 kg (50 lb)	11.5 kg (25 lb)
10 cycles/min	13 cycles/min
3000 mm (118 in)	2750 mm (108 in)
1219 mm (48 in)	1219 mm (48 in)
1219 mm (48 in)	1219 mm (48 in)
Unlimited	Unlimited
All	All
≩ 2900 x 1766 mm	≥ 2700 x 1766 mm
Robotiq Material Handling Copilot Software	Robotiq Material Handling Copilot Software

PE20		
23 kg (50 lb)		
13 cycles/min		
2150 mm (84 in)		
1219 mm (48 in)		
1219 mm (48 in)		
Unlimited		
All		
≥ 2900 x 1766 mm		
Robotiq Material Handling Copilot Software		

PE20	PE10
23 kg (50 lb)	11.5 kg (25 lb)
13 cycles/min	13 cycles/min
2150 mm (84 in)	1550 mm (60 in)
1219 mm (48 in)	800 mm (31 in)
1219 mm (48 in)	1219 mm (48 in)
Unlimited	Unlimited
All	All
≥ 2900 x 1766 mm	≥ 2700 x 1766 mm
botiq Material Handling Copilot Software	Robotiq Material Handling Copilot Software

Over 600 Robotiq Palletizing Solutions have improved factory productivity worldwide.

















TALK TO AN EXPERT

Schedule time with an automation expert to discuss your requirements and kickstart your project.





1-888-Robotiq robotiq.com

Payload, throughput and pallet height depend on various factors. Quickly assess feasibility with the Robotiq Online Configurator.

SET UP YOUR APPLICATION IN 3 EASY STEPS

The Palletizing Solution is designed to make automation accessible, no matter your robotics knowledge level. All workers can operate and teach SKUs, risk-free.

Create a pallet pattern to automatically generate and optimize all trajectories and robot movements. The software stores hundreds of recipes (SKUs/pallets) for easier and faster changeovers.

How to set up grip position (2) Set label orientation (3)

Move Here (Robot) Move Here (Linear Axis)

Launching our first palletizing program took me less than 45 minutes.

— Alliora employee

ENTER BOX DIMENSIONS & WEIGHT **中 Ω 四** k 🗒 🔡 Q Command Graphics Variables Find Conta Offset 1 Robot Program **Palletizer** Find Surface 2 ♥ ▼ Palletizer Add before pallet Before pallet instructions' Use the rq is left pallet variable P ▼ Grip 250 mm - Vacuum Grip (1) ♥ ▼ Release 200 mm Do not delete the rq has box 150 mm = rq has box=rq is object dete Palletize - Vacuum Release (1) 4.2 kg payload Box position Use the rg is left pallet variable

♥ ▼ Add after pallet

Grip Check

Gripper

'After pallet instructions'

'Use the rq_is_left_pallet variable

SET PALLET PATTERN **₩** ₩ ₩ k 🖫 🖺 Command Graphics 1 ▼ Robot Program Palletizer Waypoint 2 ♥ ▼ Palletizer 3 ♥ ▼ Add before pallet Direction Pattern configuration Before pallet instructions' Wait Use the rq is left pallet varial Set ♥ ▼ Grip - Vacuum Grip (1) Popup ♥ ▼ Release Halt Do not delete the rq has box v **:**= rq_has_box≔rq_is_object_dete Comment - Vacuum Release (1) Number of lavers 5 Use the rg is left pallet varial Current layer sequence: A-B-A-B-A P ▼ Add after pallet 'After pallet instructions' Use the rq_is_left_pallet variab

