# ROBOTIQ

# ROBOTIQ PALLETIZING *SOLUTION*

Simplicity Meets Flexibility
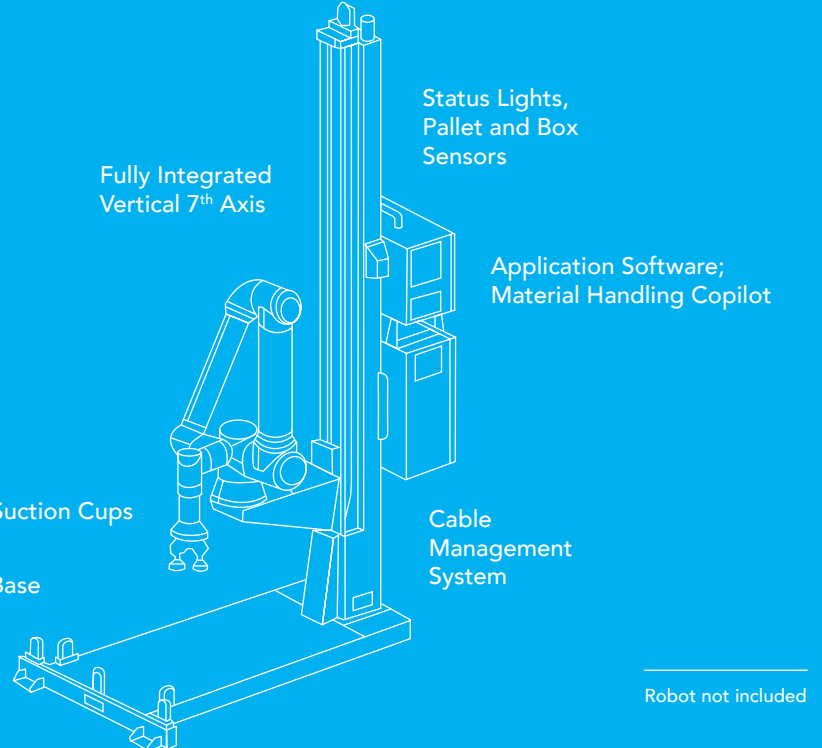
**AUTOMATICALLY GENERATED AND OPTIMIZED SMOOTH MOTION**

**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.

# WHAT'S **IN THE BOX?**

Status Lights,
Pallet and Box
Sensors

Fully Integrated
Vertical 7<sup>th</sup> Axis

Application Software;
Material Handling Copilot

AirPick, Bracket, Suction Cups

Robot Base

Cable
Management
System

Robot not included

## SET-UP YOUR APPLICATION
## IN 3 EASY-STEPS

**Enjoy a quick and 3 easy step set-up through our user-friendly platform.**

Experience how seamless it is to use our application software called Material Handling Copilot. Generate and automatically optimize all trajectories and robot movements. Ready, set and go!
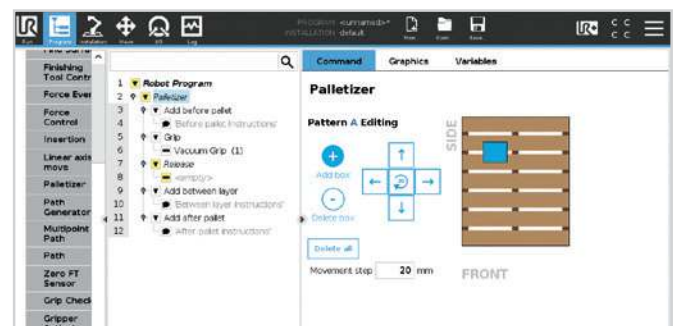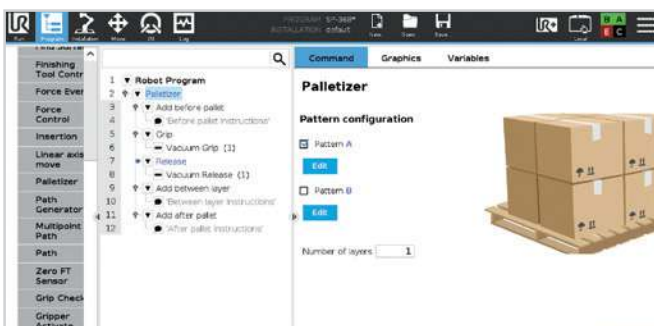
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**1**   ENTER **BOX DIMENSIONS & WEIGHT**



**2**   ENTER **PALLET DIMENSIONS**



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**3**   SET **PALLET PATTERN**

# 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.

# AIRPICK INCLUDED

**With the Robotiq Palletizing Solution, you don't need to buy components from different sources. Our AirPick vacuum gripper is included.**

- Industrial grade components
- Powerful vacuum flow
- Compact design
- Low noise
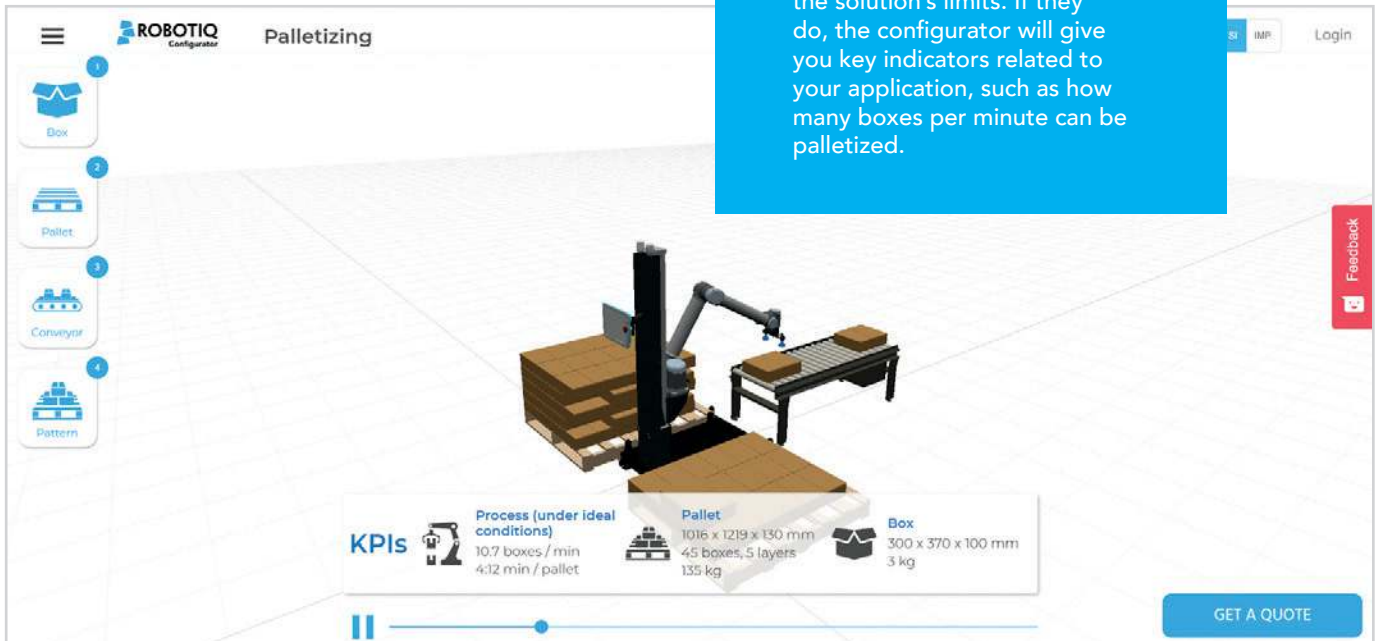- Low maintenance

# THE CONFIGURATOR

**Still not sure our solution is for you?
Easily validate product fit for your situation
with the Configurator.**

Validate your KPIs straight from the start.
Validate your throughput with your own data!

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## SPECIFICATIONS

| Box | |
| --- | --- |
| Max Box weight | Up to 8 kg<br>*Up to 17.5 lb* |
| Max Box throughput | Up to 13 boxes/min* |
| Min Box dimensions | 50 x 50 x 50 mm<br>*2 x 2 x 2 in* |

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

| Pallet | |
| --- | --- |
| Pallet dimensions - width | from 300 to 1016 mm<br>*from 12 to 40 in* |
| Pallet dimensions - depth | from 300 to 1219 mm<br>*from 12 to 48 in* |
| Pallet height (empty) | min 25mm<br>*min 2 in* |
| Pallet height (filled) | max 2200mm<br>*max 87 in* |
| Max number of box patterns | 2 |

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## WHAT'S NEXT?

Get access to
the Robotiq Palletizing Solution at
**robotiq.com**

**For further information**
robotiq.com/support
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**1-888-Robotiq**

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**robotiq.com**