PROBOT SYSTEMS

POWERED BY FANUC

FANUC COLLABORATIVE PALLETIZER

Simulate. Plug in. Palletize.

Ready to run in 5 minutes.

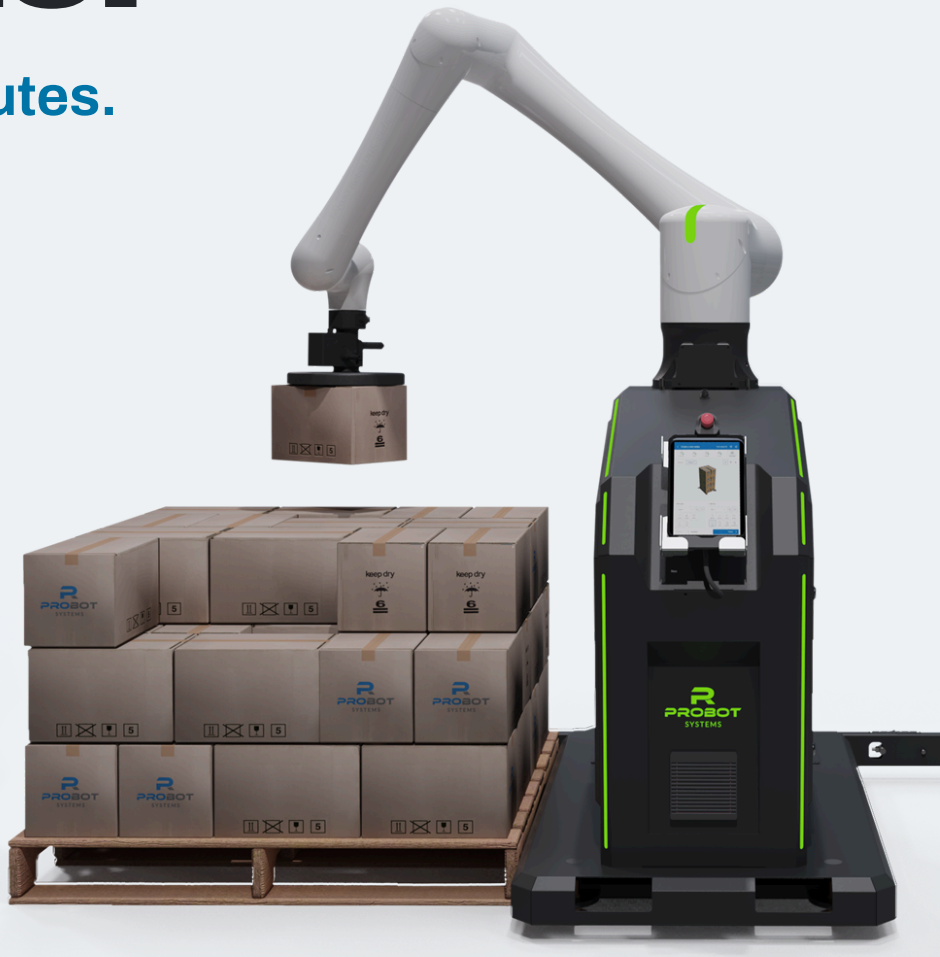
The hardest job to fill, and the first to cause injuries. Hand it to a FANUC cobot, ready on delivery.

- ✓ **No fence, no integrator, no programming**
- ✓ **Training and setup done before delivery**

AI Assistant

NEW · OPERATOR ASSIST

Helps your operators clear stops without waiting for maintenance or a supervisor.



5 min
Setup

40 kg
Max payload

8/min
Max rate

8 yrs
Maintenance-free

probotsystems.com

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WHY PROBOT

Real end-of-line problems, solved.

A robot, a gripper and an app designed to work together, with no integrator and no months-long project.

01 OPERATIONS · EHS

A job that is hard to fill and causes injuries

The robot lifts boxes up to 40 kg (88 lb), 8 times a minute. Your employees move on to higher-value work.

02 OPERATIONS

One machine per line is expensive

A single palletizer moves from line to line by pallet jack or forklift, as your volumes require.

03 CONTINUOUS IMPROVEMENT

Every format change, a call to the integrator

Create the recipe yourself in the free app, in 4 steps and without a single line of code.

04 MAINTENANCE

A line down in the middle of the night

The AI assistant guides operators to clear common stops themselves: fewer night calls, and a maintenance team freed up for other work.

05 OPERATIONS · HR

Always someone new to train

Each employee trains on their own in the app with narrated tutorials, even before delivery.

06 MANAGEMENT

A long project that is slow to pay back

Plugged in within 5 minutes without disrupting production, and 8 years FANUC maintenance-free: payback in under 18 months.

SAFETY

Collaborative safety, built in.

Force sensors on every axis and automatic stop on contact: the palletizer works next to your employees, with no fence, in the space of a single operator. Compliant with **ISO 10218-1/2** and **ISO/TS 15066**.

SPECIFICATIONS

Tough as a FANUC, compact as an operator.



FANUC

At the heart of the cell, a FANUC CRX-30iA collaborative robot: the reliability of a global leader in industrial robotics, with over one million robots built.

The cell

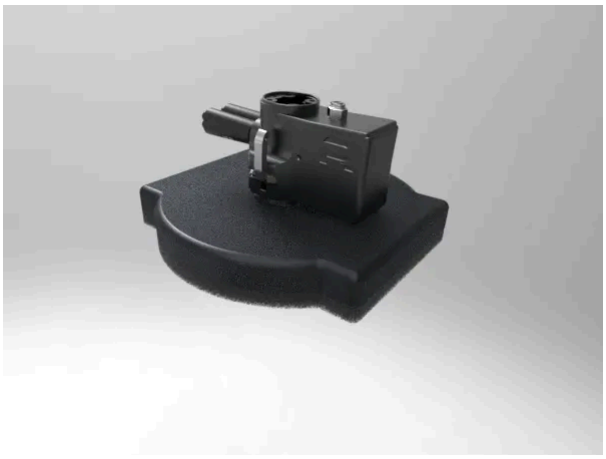
Robot	**FANUC CRX-30iA**
Max payload	**40 kg (88 lb)**
Max rate	**8 cycles / min**
Pallet height	**Up to 2,200 mm (86 in)**
Footprint	**About the space of one operator**
Load types	**Boxes, bags, pails**
FANUC maintenance	**8 years maintenance-free**
Grease	**NSF H1 food-grade (option)**
Coating	**USDA white epoxy (option)**
Safety	**ISO 10218-1/2, ISO/TS 15066**
Protection rating	**IP67 (robot)**

Palletizing

Stations	**2 pallets, 2 different recipes at once**
Patterns	**Generated automatically, plus a preloaded library**
Labels	**Automatically oriented to face out**
Pallets	**GMA 48×40 and 48×48, EPAL, EUR, CHEP or custom**
Slip sheets	**On the pallet or between layers**
Integration	**PackML states, PackTags over OPC UA (option)**

EXCLUSIVE TECHNOLOGY

A smart gripper, designed for your products.



Designed and built by Probot, compatible with FANUC robots.

Modular design
Quick changeover for your product types and box formats.

Vacuum gripping
Suction cups for a secure grip on cardboard, plastic or smooth surfaces.

Up to 40 kg (88 lb)
High capacity for your heaviest products, with no compromise.

BUILT FOR THE FOOD INDUSTRY

Ready for the most demanding environments.

IP67 robot, easy to wash down
Dust- and water-tight. Smooth surfaces and internal cabling for fast cleaning.

Optional food-grade version
NSF H1 grease and USDA-compliant white epoxy coating.

Ecolab-certified paint
Resists floor-cleaning chemicals and harsh environments.

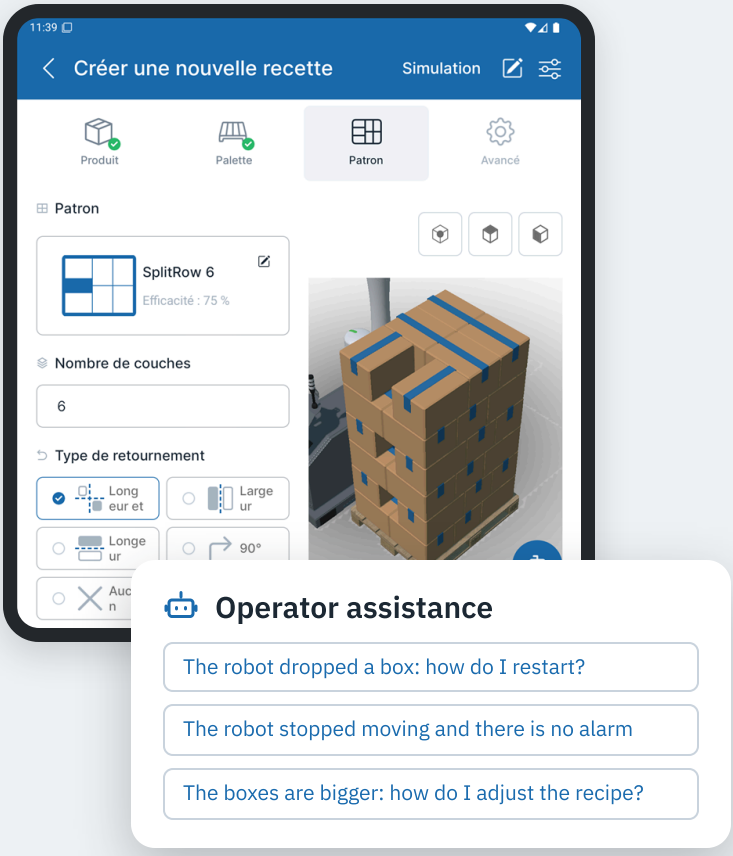
Stainless steel hardware
Available as an option for frequent washdown areas.

Also used in pharmaceutical and manufacturing plants.

PROBOT PALLETIZER SOFTWARE

New product? Create the recipe yourself.

No coding required.



4
steps to create a recipe

0
lines of code to write

2
stations, each with its own recipe

11,760
alarms known to the AI assistant

Build your first pallet today.

The app is free. In Simulation mode, create your recipes and train your operators, then transfer the recipes to the robot when it arrives.

GET IT ON Google Play

Download on the App Store

STEP 1

Product

Dimensions, weight, label. SKU by barcode.

STEP 2

Pallet

GMA 48×40 or 48×48, EUR, CHEP or custom, with allowed overhang.

STEP 3

Pattern

The app calculates possible patterns and ranks them by efficiency.

STEP 4

Slip sheets

On the pallet or between layers, with or without tabs.

Line down? The AI tells you what to check.

Operator Assist suggests fixes for common stops. Included with the maintenance plan.

Your operators learn in the app.

Tutorials narrated in 10 languages, built for the night shift, no trainer needed.

Your data at your fingertips.

Stop causes and duration, throughput: all you need to track your OEE. Reports by email or USB drive.

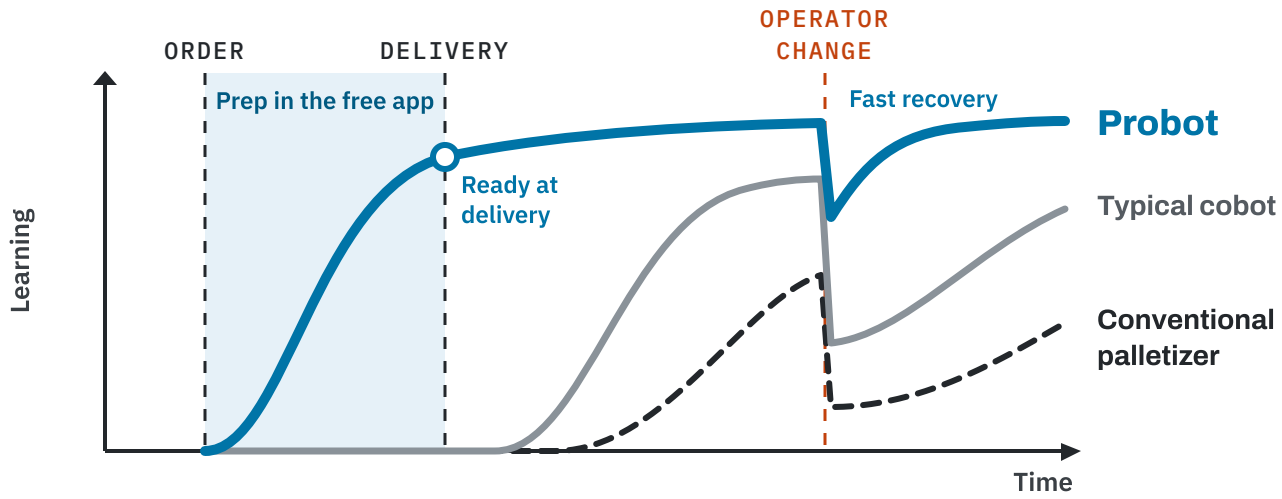
FROM ORDER TO PRODUCTION

Productive from delivery, even when the team changes.

Two charts on the same timeline, from order to payback.

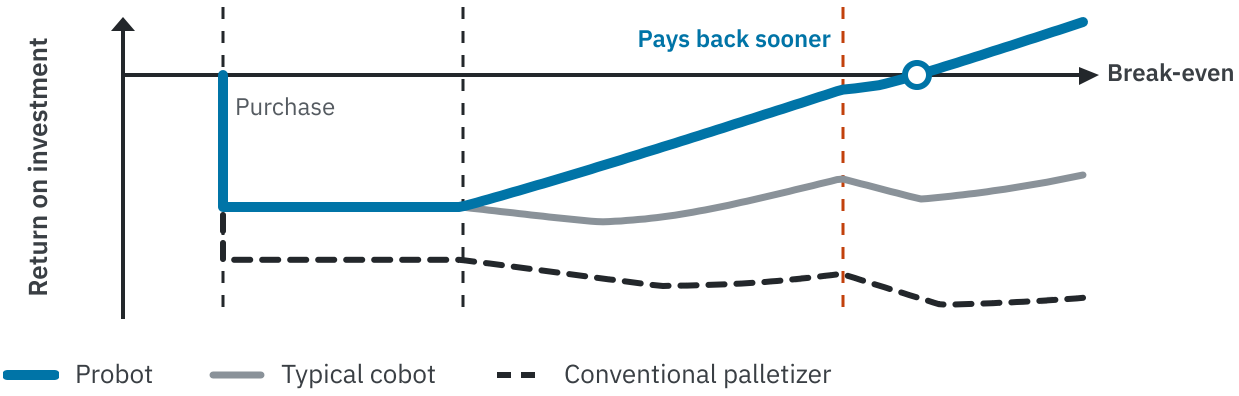
1. Learning curve

With the free app, your operators learn while the palletizer is on its way. When a new operator arrives, they train in the app: the dip is small and recovery is fast.



2. Return on investment

Probot produces from delivery, with no integration period, and an operator change only flattens the curve. Elsewhere, installation and retraining widen the gap before the machine pays for itself.



Illustrative charts, not to scale. Timelines and return on investment vary by project.

TURNKEY DEPLOYMENT

Automation, without the months-long project.

1
Consultation
Analysis of your needs, your space and your production goals.

2
Design
Custom solution: gripper, palletizing pattern, integration.

3
Installation
Plug in the palletizer and transfer your ready-made recipes: production in 5 minutes.

4
Production
Operator training, performance tracking and ongoing support.



By pallet jack, from one production line to the next.



Or by forklift, thanks to its built-in base.

Funding for your project

In Canada, several federal and provincial programs can fund a significant share of your automation investment. We help you check your eligibility.

PROBOT ALSO OFFERS

Maintenance, automation, engineering, field services, equipment upgrades and spare parts.

TRUSTED BY

Molson Coors **Cascades**
Nestlé Purina **Georgia-Pacific** **Rich's**
Bayer **Sika**

See it palletize your boxes.

30-minute demo, no commitment.

Book a demo

or +1 (418) 948-0909

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The ready-to-use FANUC collaborative palletizer, and the app that trains your operators.

Build your first pallet today.

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Download on the App Store

Book a demo

30 min · quote · funding

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POWERED BY FANUC

MEMBER OF CREAI · RÉSEAU CANADIEN D'INNOVATION EN ALIMENTATION · Centre de valorisation des données manufacturières du Québec

Designed in Lévis, Québec

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