PREMIER TECH

TOMA™
PAL-0830 palletizer

AUTOMATION MADE FRIENDUSTRIAL™

TOMA™

TOMA™ is all about bringing together user-friendliness with industrial robustness. With the most advanced intuitive interface on the market, MOVN™, we make automated palletizing more accessible than ever without ever compromising on safety, functionality, and performance.

Experience the ease of using an intuitive palletizer with cobot technology to build stable loads for your boxes.

Safety first

Built-in force limitation sensors, algorithms, LEDs, comprehensive user manuals and training ensure a safe palletizing experience.

Plug and play

An out-of-the-box solution that easily integrates with your existing line and is up and running in minutes—no coding required.

Easy to operate

Our intuitive interface, powered by MOVN™, makes it easy for everyone. Enter your case dimensions, pick a pallet pattern, and press start.

Features

19" (48 cm) intuitive touchscreen interface accessible by anyone, no training required

Necton™ connectivity enables quick assessment of equipment performance

Performant and reliable FANUC CRX-30iA collaborative robot arm

Wide variety of quick connect grippers to handle various boxes weights and sizes

Integrated coupling brackets seamlessly connect with your TOMA™ conveyor

Pallet jack and forklift-compatible base make it easy to move the palletizer

Enclosure with integrated electricals, pneumatics and controls enables quick and easy line integration

Options

One or two fully integrated 4-foot (1.2 m) TOMA™ infeed conveyors to ensure repeatable, precise case positioning

Integrated vacuum gripper with quick connect tool changer

Internet access for remote support and performance insights (Ethernet and WiFi)

24/7 support

Our expert team is available to answer questions and provide optimization advice as needed.

Launch price: $133,000 USD[1]

Payload	Capacity	Pallet heigh
Up to 55 lbs (25 kg)	**Up to 8 cycles per minute[2]**	**Up to 80 in (2 m)**

Specifications

TOMA™ palletizer base

Weight
1500 lb (680 kg)

Electrical requirements
120 V, 20 A, 50–60 Hz

Operating pressure
80 PSI at 13 CFM

Operating temparature
0 °C to 35 °C (32 °F to 95 °F)

IP rating
Robot arm: IP67
Controller enclosure: IP54

TOMA™ conveyor

Length
48.4 in (1.2 m)

Width
25.8 in (0.65 m)

Height
**23.5 in to 34.5 in
(0.59 m to 0.88 m)**

Electrical requirements
120 V, 15 A, 60 Hz

Case dimensions[3]

Standard carboard boxes

Length
Up to 48 in (1.2 m)

Width
Up to 18 in (0.45 m)
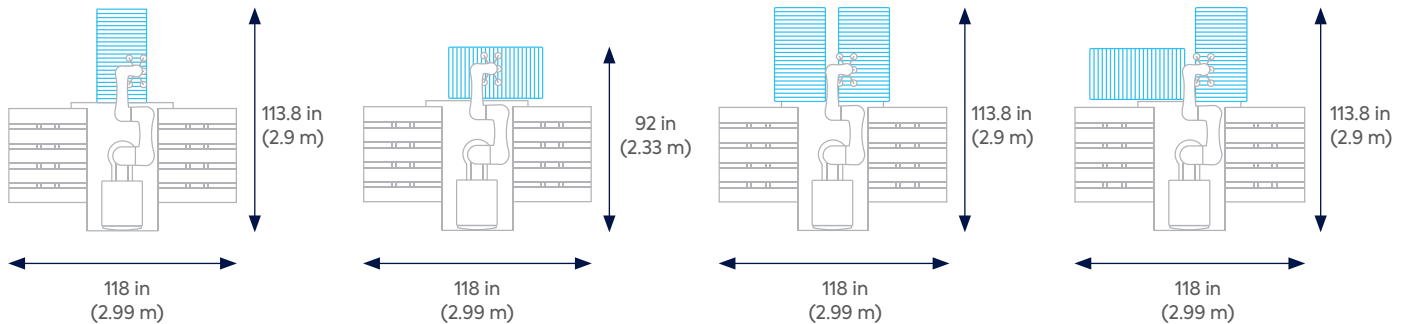
Weight
Up to 50 lb (22.5 kg)[3]

Pallet dimensions[3]

Length
Up to 50 in (1.27 m)

Width
Up to 50 in (1.27 m)

Load height
Up to 80 in (2 m)

Conveyor configuration examples[4]

113.8 in (2.9 m) — 118 in (2.99 m)

92 in (2.33 m) — 118 in (2.99 m)

113.8 in (2.9 m) — 118 in (2.99 m)

113.8 in (2.9 m) — 118 in (2.99 m)

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Shop now

[1] The price includes the integrated vacuum gripper and TOMA™ conveyor, but excludes tax, shipping, and travel and accommodation for additional installation and commissioning services.

[2] Depending on product characteristics and equipment configuration.

[3] While these specifications address typical applications, our solution is flexible and can work with heavier products and other pallet dimensions. Contact us to determine whether it will work for you.

[4] Dimensions with 48″ x 40″ (1.2 m x 1 m) pallets. Other configurations available.

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