

# 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 box 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: CAD 135 000\$<sup>1</sup>**

☰ Payload\*

**Up to 66 lb (30 kg)**

☰ Capacity

**Up to 20 units per minute<sup>2</sup>**

☰ Pallet height

**Up to 102 in (2.59 m)**

\*Payload capacity may vary based on specific customer configurations and requirements. Please consult with one of our experts for more information.

## Specifications

### TOMA™ palletizer base

Weight  
**1590 lb (722 kg)**

Electrical requirements  
**120 V, 20 A, 60 Hz  
or 230 V, 16 A, 50 Hz**

Air supply  
**13.5 SCFM @ 85 PSI**

Operating temperature  
**41 °F to 95 °F (5 °C to 35 °C)**

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  
or 230 V, 16 A, 50 Hz**

### Case dimensions<sup>3</sup>

Standard cardboard boxes

Length  
**Up to 48 in (1.2 m)**

Width  
**Up to 18 in (0.45 m)**

Weight  
**Up to 66 lb (30 kg)<sup>3</sup>**

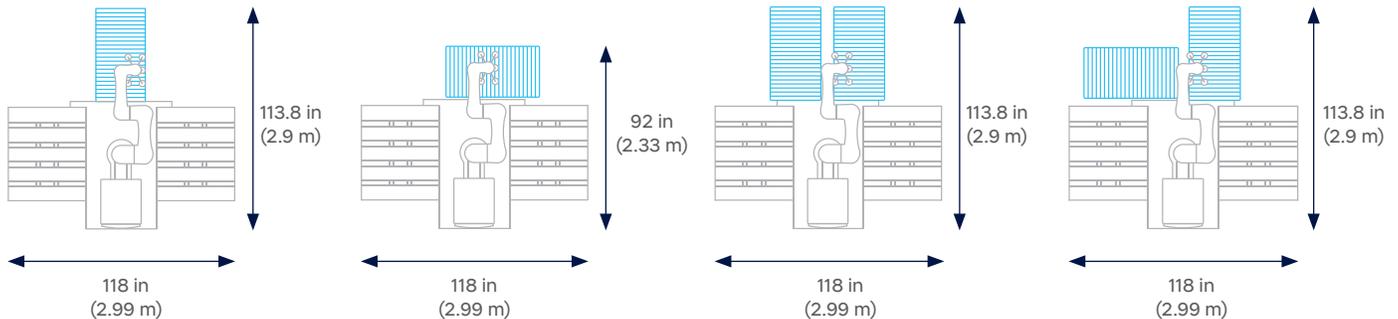
### Pallet dimensions<sup>3</sup>

Length  
**Up to 50 in (1.27 m)**

Width  
**Up to 50 in (1.27 m)**

Load height  
**Up to 102 in (2.59 m)**

## Conveyor configuration examples<sup>4</sup>



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<sup>1</sup> The price excludes the integrated gripper and TOMA™ conveyor, tax, shipping, and travel and accommodation for additional installation and commissioning services.

<sup>2</sup> Depending on product characteristics and equipment configuration.

<sup>3</sup> 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.

<sup>4</sup> Dimensions with 48" x 40" (1.2 m x 1 m) pallets. Other configurations available.



## PT Systems and Automation

The information contained in this brochure is based upon the latest information available at the time of publication and is designed to provide you with a general introduction to our products. We make no warranties or representations as to its accuracy. We are continually updating and improving our products and reserve the right to amend, discontinue or alter specifications and prices without prior notice. Premier Tech, TOMA™, MOVN™, Necton™, and Friendustrial™ are registered trademarks of Premier Tech Ltd.



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