

CHRONOS • RPL-1000 Series

Entry-level palletizing robot



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Model: RPL-1112

UP TO 20 UNITS PER MINUTE (1200 PER HOUR)*

*Depending on the application, bag characteristics, and machine configuration

Safety

Provides a safe working environment by reducing injuries associated with repetitive tasks and heavy lifting.

Cost efficiency

Compact, reliable, and efficient robotic systems engineered to maximize the floor space in your facility.

Ease of use

Quick and straightforward pallet pattern changes on the spot without any programming skills.

The RPL-1000 Series is Premier Tech's most affordable and simple robot palletizer.

Engineered to use the lowest space in your facility, it builds loads directly on the floor from a single production line. A second stacking position can be added to keep palletizing during pallet transfer.

Container types



Bags



Bales



Bundles



Cases



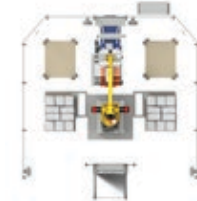
Trays



Totes

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Specifications



| Model | RPL-1111 | RPL-1112 |
|--------------------------------|--|---|
| Production rate | Up to 20 cases per minute* Up to 19 bags per minute* | Up to 20 cases per minute Up to 19 bags per minute |
| Typical footprint | 250 × 164 × 144 in (L × W × H) (6350 × 4166 × 3657 mm) | 250 × 254 × 144 in (L × W × H) (6350 × 6452 × 3657 mm) |
| Product infeed conveyor | 1 | 1 |
| Stacking position | 1 | 2 |
| Full pallet load | Up to 72 in H (1828 mm) with 40 × 48 in layer (1000 × 1200 mm) | |
| Operating temperature | 41°F to 104°F (5°C to 40°C) | |
| Electrical requirements | 460V / 3Ph / 60 Hz (other voltages available) | |

* Rate excluding pallet changeover

Features

Robotic stacking of units with manual sheet and pallet handling

Robust robot end effector adapted to your applications

Flexible and reliable FANUC robot

Built with high-quality components for low-cost maintenance

Compatible with common standard industrial pallets

Quick installation and commissioning

Safety fences, light curtains, and FANUC Dual Check Safety

Intuitive and easy-to-navigate user interface:

- No programming skills required
- User-friendly layer and pallet building software,
- Pattern Expert, with pre-stored recipes for quick changeovers
- Numerous layer configurations

Options

Finger, clamp, or vacuum end effector

Slip, top, or tier sheet handed by the robot

Stainless steel components

Integration with third-party printers, labelers, pallet traceability, and more

Additional options for bags

Rejection conveyor for non-compliant bags

Automatic bag width adjustment

Weight check system

The Premier Tech Experience

✓ Flexible Payment Solutions

The flexibility to invest in your growth

Investing in automated packaging equipment is a significant decision for your business. That's why we offer flexible payment solutions with affordable monthly payments tailored to your specific situation. Our payment plans are designed to help you focus on your business growth, without slowing down your operations.

✓ Engineering and Construction Solutions

Turning your vision into reality

Every successful packaging line project begins with a well-thought-out plan, and that's where our Engineering and Construction Solutions team comes in. To integrate your new equipment into your production line, our team of experts will support you every step of the way with our turnkey service.

✓ Client Solutions

Partner in your success

Our partnership doesn't end with the installation of your equipment. Through our Client Solutions team, we work to maximize the performance and longevity of your packaging systems, ensuring continuous success for your operations.

Start off strong with your new equipment by opting for a maintenance plan and specialized technical training. Plus, take advantage of our complimentary 24/7 Help Desk and Client Portal, giving you instant access to expert support and resources whenever you need them.



PT Systems and Automation

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