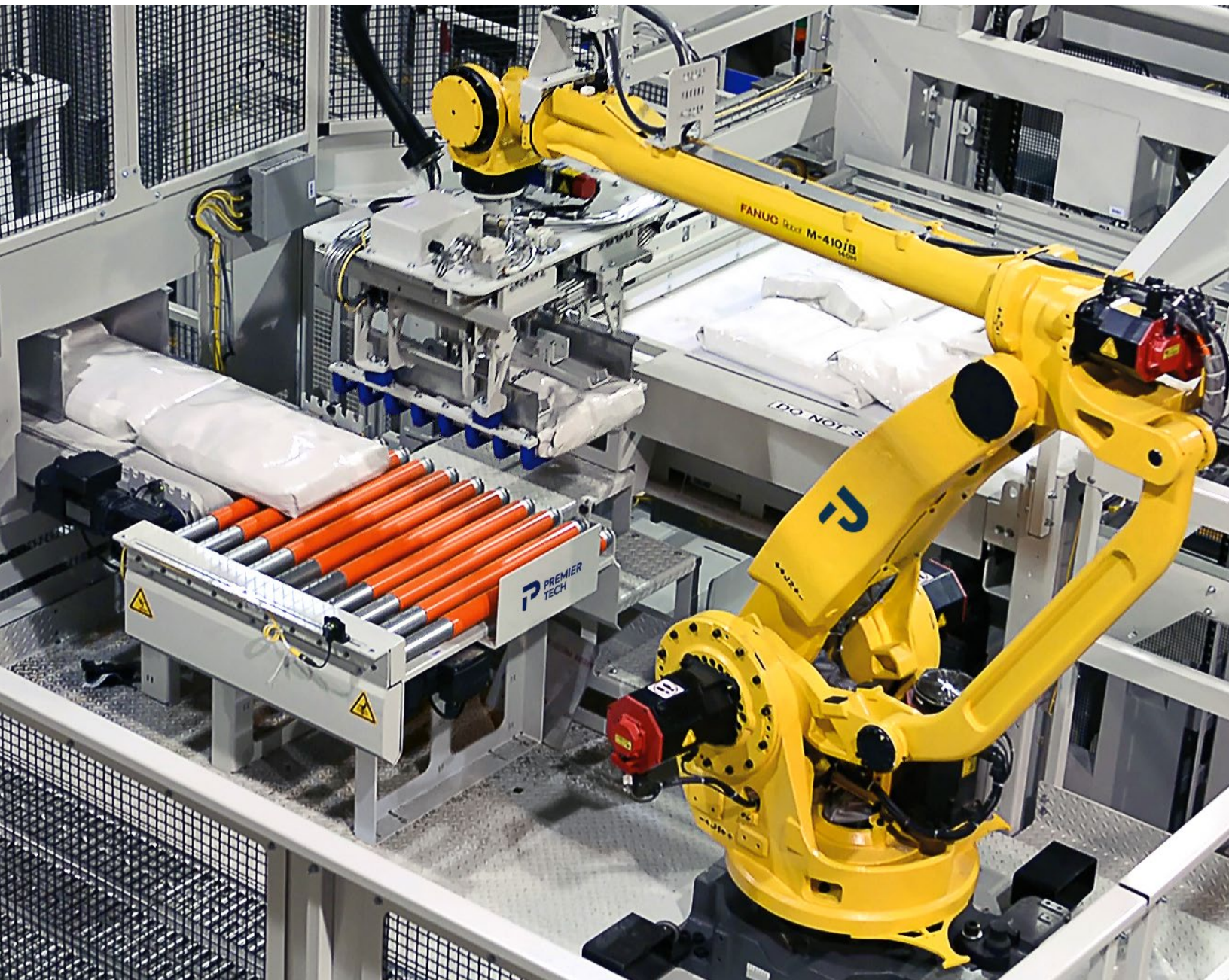


CHRONOS • APR-1150

Hybrid robotic palletizer equipment



Hybrid robotic palletizer equipment



UP TO 22 UNITS PER MINUTE*

*Depending on product type, stacking pattern, and machine configuration.

Versatility

The palletizer is capable of stacking various sizes of powdery, granular, or any other bagged products that require overlapping, squaring, and compressing.

Performance

Fully electric, the APR-1150 enables smooth, precise, quiet, durable, and safe operations. The use of robotics reduces maintenance demands and unexpected equipment failures.

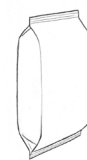
Ease of use

The operator interface features 3D images for easy comprehension and increased uptime. It provides a single location to edit patterns, check status, detect a fault, or view alarms with a few taps.

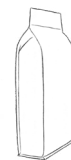
Applications



Pillow-type



Gusseted



Cross bottom



Valve



Bundles

The APR-1150 palletizer combines two performant and proven technologies to create optimal loads: the speed and reliability of our conventional palletizing machines and our robotic equipment's flexibility.

Specifications

Production rates

Standard: Up to 22 units per minute*

*Based on a standard five bags pattern

Typical footprint

33' L x 18' W x 16' to 19' H

Unit dimensions

Weight: Up to 80 lb (36 kg)

Width: From 10 to 21 in (254 mm x 535 mm)

Length: Up to 34 in (864 mm)

Height: Up to 7.5 in (190 mm)

Empty pallet stack

Weight: Standard: 900 lb (400 kg)

Option: 1250 lb (567 kg)

Height: 90 in (2 200 mm)

Palletizer estimated shipping weight

22 000 lbs (10 000 kg)

Must be placed on a level concrete floor

Electrical power requirements

90 amps at 460 V / 3 Ph / 60 Hz

(other voltages available)

Control circuits

24 Volt Direct Current (VDC)

Compressed air requirements

25 CFM at 80-100 PSI

Pneumatic requirements

11 SCFM at 90Psi

Ambient temperature

40-95 °F (5-35 °C)

Safety standards

Category 3, Performance Level D, OSHA, ANSI/RIA, 15,06, CSA Z434-03 and ANSI B155, 1-2006

Features

Soft and malleable adjustable finger gripper that prevents bag damage, tears, and dropping issues

M410iB/140H FANUC Robot with Dual Channel Safety (DCS)

Rugged construction intended for continuous operations and designed for harsh environment

Automatic pallet dispenser that can handle pallets of various sizes and quality

Lateral alignment bars to square layers

Compression cycle to level products and better stabilize loads
4 000 lb (2 000 kg) electric pallet elevator with counterweight for quiet operation

Intuitive and user-friendly touchscreen HMI

Emergency-stop button, safety fences with trapped key interlocking, door safety circuit check, light curtains, and automatic locking pins on the elevator

Options

Bag preparation systems to level or flatten bags

Leak, weight, and metal detection systems coupled with a rejection conveyor to remove non-compliant bags

Automatic product changeovers

Quick-connect power and control cabling for faster installation in your facility

Integration with concurrent stretch wrapping machines and third-party suppliers (labelers, printers, etc.)

Automatic slip/top sheet dispenser

Exit conveyor

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.

✓ Equipment Installation

Turning your vision into reality

Every successful packaging line project begins with a well-thought-out plan, and that's where Premier Tech 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 continues well after the installation of your equipment. We work to maximize the performance and longevity of your packaging systems, ensuring continuous success for your operations. Start off strong 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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