

RP SERIES



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ROBOT PALLETIZING...

**PHON-TECH™ RP1
HIGH SPEED PALLETISER**

PTC Vietnam

PTC VIETNAM brings to market the most efficient robotic cell for virtually any palletizing need. We have combined our innovative engineering and control capabilities with our state-of-the-art bag preparation and pallet handling technology, along with the latest addition within the ABB and Fanuc Robot.

The **PHON-TECH™ RP1 Series Robotic Palletizing System** is a flexible palletizing system that is a perfect complement to our family of con-

ventional palletizers. As a single source for these two approaches, we offer the best solution for any palletizing application. Our robotic cell can simultaneously gather from up to four different incoming product lines. It can just as easily be configured to fit in tighter layouts to palletize one incoming product. Empty pallet and slip sheet handling by the robot itself is also available to provide the most cost effective solution in lower speed applications.

●●● FEATURES AND BENEFITS

- Simultaneous palletizing of multiple bag sizes thanks to automatic bag width adjustment system available on finger gripper.
- Automatic changeover (no mechanical adjustment) when combining the optional bag width adjustment system on finger gripper and motorized guides on alignment conveyor.
- Quick changeover of palletizing patterns through stored recipes.
- Collision guard software to prevent accidental damage to robot gripper or other equipment.
- Programmable logic controller (PLC) for the complete cell integrated to robot controller (on standard cell) or with remote I/O at the robot.
- User-friendly operator interface (color teach pendant) on robot controller with equipment and layout drawings for easy operation in manual mode (external panel view also available).
- 2.4 m high safety fences with interlocked access door.
- Unlimited layout configurations.

SPECIFICATIONS

Bag dimensions (for finger gripper)*

Width: 230 to 585 mm
Length: 330 to 990 mm
Thickness: 40 to 150 mm
Weight: Up to 80kg

* Other dimensions available

Layer Up to 1525 x 1830 mm

Full-pallet load

Height: Up to 2460 mm with
1000 x 1200 mm layer

Weight: Up to 2000 kg

Production rate

Up to 20 BPM depending on bag characteristics, pallet height, layout configuration, etc.

Air consumption

Below 170 NI/ min

Operating pressure

6 bar

Electrical requirements

380 V/3 Ph/50 Hz
(other voltages available)

Operating temperature

0°C to 40°C

••• UNLIMITED LAYOUT CONFIGURATIONS



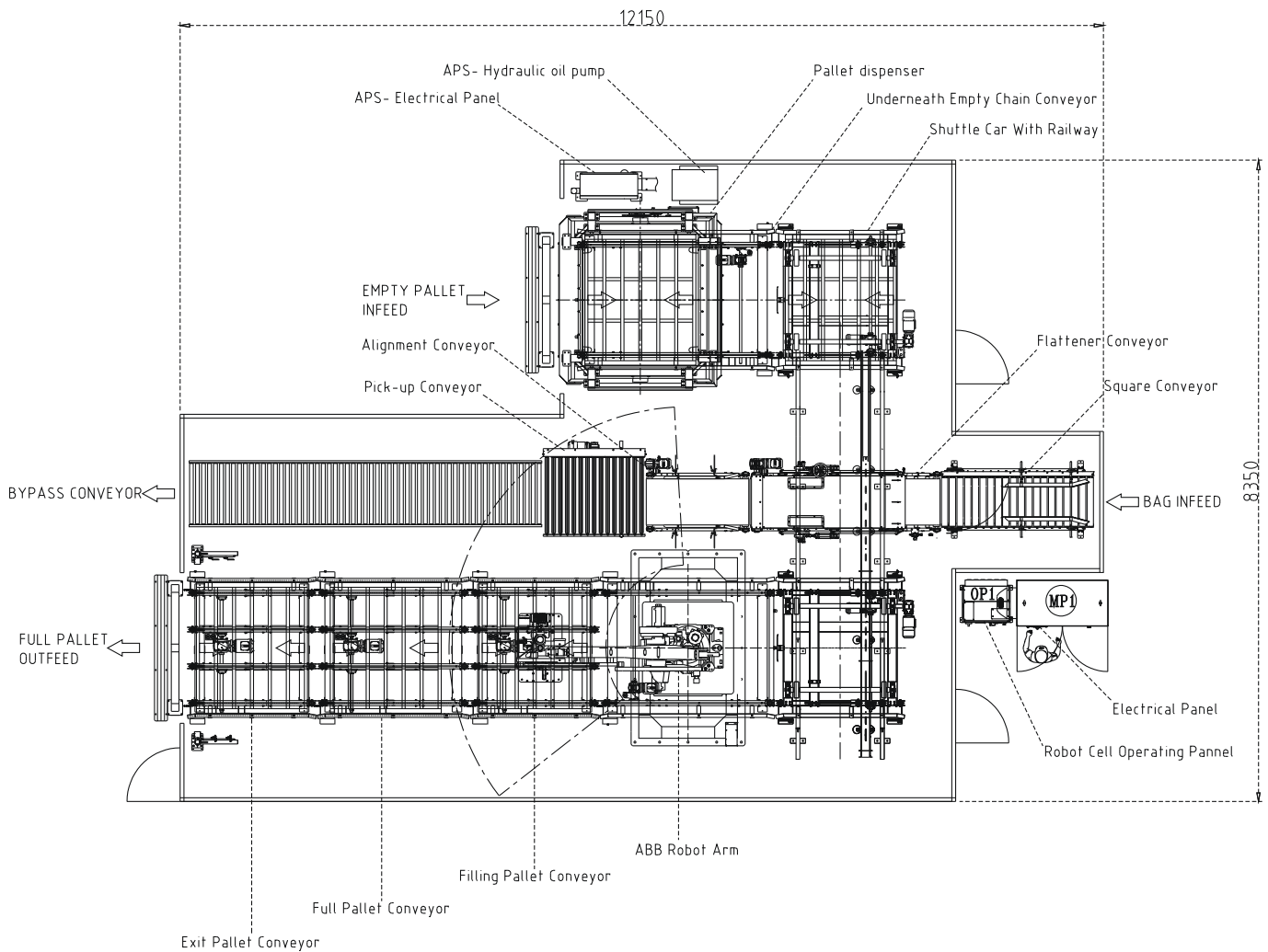
Color teach pendant used as main interface on standard cell



Operator interface providing 3D equipment drawing for easy operation in manual mode



Finger gripper equipped with automatic bag width adjustment system.



PTC VIETNAM COMPANY LIMITED

Head Office

12M Nguyen Thi Minh Khai, District 1,
Ho Chi Minh City,
Vietnam

+84 (0)983 011 880
+84 (0)834 011 880

infor.ptc@gmail.com

ptc-vietnam.com

SCALE AND BAGGER'S WORKSHOP

416 Thanh Binh, An Thanh Ward,
Thuan An City, Binh Duong Province
Vietnam

ROBOT PALLETIZER'S WORKSHOP

Block A14, Street 7,
Da Nang Hi-Tech Park, Da Nang City
Vietnam

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