



# RS-PA200

## ULTRA COMPACT PALLETIZER

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P C M A C H I N E R Y . C O M



For the past 15 years, Pharmacos Machinery has been a leader in the fields of installation and modification of packaging equipment. PCM is proud to unveil his all new ultra compact RS-PA200 palletizer. Primarily designed to allow for easy and quick installation (under 4 hrs) and the possibility to move palletizer from one line to another.

*Equipment delivery in less than 6 weeks and all spare parts are available in stock.*

# RS-PA200 : ULTRA COMPACT PALLETIZER

## TRADITIONAL PALLETIZING VS ROBOT

For the past 20 years, the traditional palletizer models built with rails or bearings required a high level of maintenance. Also, the programming was often complex which prompted end users to hire an experienced programmer.

Since the arrival of robust robots at reduced costs, the future of palletization is strong. These robots have become very flexible thanks to the use of the ABB's RobotStudio and Palletizing PowerPac software which allows format change over and movement from line to line.

- Capable of rates up to 25 cases/mins with double pick or 15 cases/min with single pick
- Possibility to integrate new stacked pallet feeding system

## ADVANTAGES

- Compact design with single frame allows for quick and simple installation
- All wiring passes through the frame which limits possibility of breakdown
- New system access by key and magnetic interlocks
- New technology PLC Allen Bradley Compact Logic
- Electrical panel fits into frame for sleek design
- New ABB IRC5 controller that is easy to use and reliable
- Compact
- Low cost, ROI
- Quick change palletizing format through stored recipes
- Quick and easy installation and startup
- Ergonomic
- Ease of maintenance

## SAFETY

ABB's SafeMove allowing the new generation of Active Robot Safety to limit the working zone. Meets CSA Z434-03 standards.

## QUICK INSTALLATION

The entire single welded frame design allows the movement and installation at client facility in less than 4hrs.

## ULTRA COMPACT

The utilization of SafeMove allows the robot cell's floor space to be reduced.

## PALLETIZING INTERFACE

The new Robotstudio interface on Windows is easy to use and will save time when programming a new pallet pattern.



## TECHNICAL SPECIFICATIONS

- Robot: IRB 2600ID
- Max capacity: 15 kg
- 36mm diameter flexible conduit for wiring
- RobotStudio and Palletizing PowerPac by ABB
- New infeed FlexLink conveyor WL300
- Vacuum generator
- “Part present” sensor on robot gripper
- Welded painted steel structure
- Documentation integrated within the HMI
- Cell walls in clear Lexan

## ELECTRICAL SPECIFICATIONS

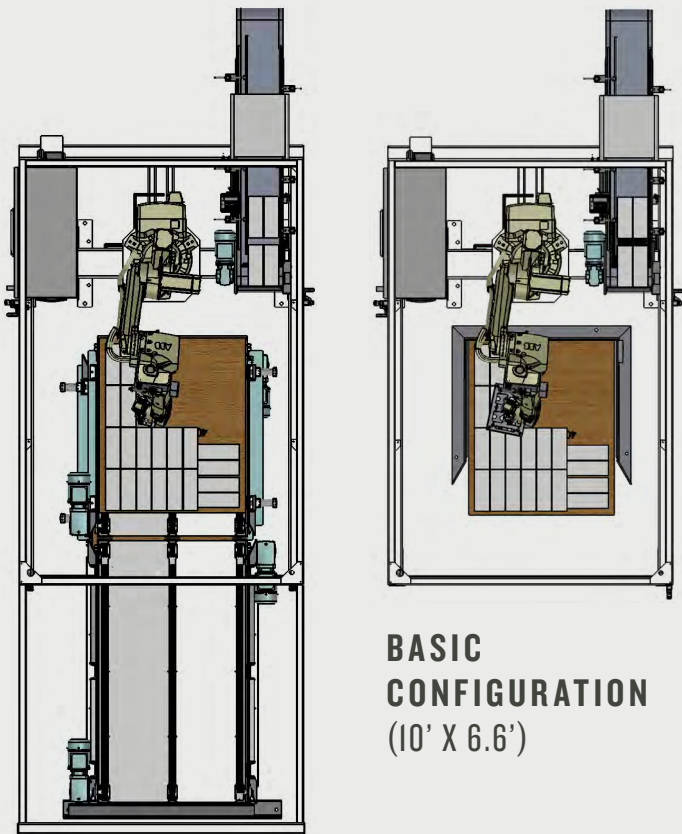
- Allen Bradley Control Logic PLC
- PanelView Plus 10” color HMI
- Robust security curtains
- Color stack lights
- Interlocked doors
- Ethernet communications
- Variable speed conveyor

## INSTALLATION SPECIFICATIONS

- 208/220V, 3ph, 40amp
- 90psi, 5cfm
- 10’ x 6’6” OAD (15.9’ x 6.6’ for over/under configuration)

## AVAILABLE OPTIONS

- Arc flash connection to PLC
- Arc flash window to view PLC
- Chain conveyor for automatic pallet feeder
- Automatic pallet feeder over/under
- Fanuc Robot M20iA
- 480/600V
- Air cooling system up to 40°C



**BASIC  
CONFIGURATION**  
(10' X 6.6')

**OVER/UNDER  
CONFIGURATION**  
(15.9' X 6.6')



# AVAILABLE SERVICES

TECHNICAL  
SUPPORT

INSTALLATION  
& CONFIGURATION

MAINTENANCE

START-UP  
& TRAINING

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