



CHRONOS • AR-200

Palletizing Robot



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UP TO 23 BPM

Versatility

Fully customizable equipment to fit unique needs. Can run many types of different products.

Reliability

Has been through many improvement and development over the years. Tested and approved by the market.

Usability

Ease of configuration and manoeuvrability. From bags to boxes, operator will not notice any waste of time.

This machine is a R&D project, 100% customizable. Challenge us to make it work for you!

Application



Bag



Totes



Trays



Valve



Box



Bundle

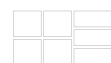
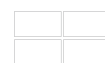


Bale



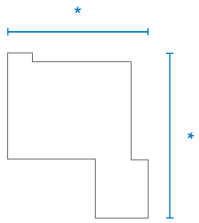
Drum

Pattern example

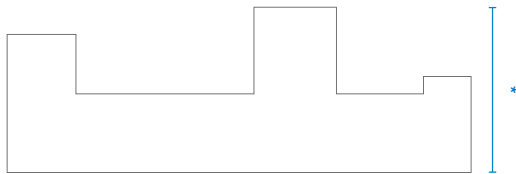


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Typical Equipment Dimensions



Top view



Side view

Layer Dimension

37"x37" to 54"x54"

Operating temperature

40°F to 95°F

Pneumatics Requirements

6SCFM @ 90Psi

Electrical Requirements

460V/3PH/60HZ

Full Pallet Load

Height: Up to 96"

Weight: Up to 4500lbs

Bag dimensions

Length: Up to 33"

Width: Up to 20"

Height: Up to 6"

Weight: Up to 25kg

* Built upon your specification

Features

Custom grippers for bags, bundles, bales, boxes, cases, etc.

Quick changeover of palletizing patterns through stored recipes

Numerous layout configurations

Collision guard software to prevent accidental damage to robot gripper or other equipment

User-friendly operator interface (color teach pendant) on robot controller with equipment and layout drawing for easy operation

7.2 ft (2200mm) high safety fences with interlocked access door

Premier Tech FANUC Robot Systems are custom programmed for each unique layout to achieve optimum performance

System compliant with ANSI/RIA 15.06, CSA Z-434-03 and ANSI B155.1-2006 safety standards

Options

Servo driven gripper adjustment for multiple bag sizes
Automatic bag width adjustment system available on finger gripper for simultaneous palletizing of multiple bag sizes

Automatic changeover (no mechanical adjustments) when combining the optional bag width adjustment system on finger gripper and motorized guides on alignment conveyor

FANUC's unique DCS Speed and Position Check used to limit robot motion for safety

Vision system for "intelligent" palletizing and depalletizing

External operator interface

Empty pallet and slip sheet handling by the robot itself

Layer Conformer for unstable bag loads

✓ Lifetime

Client Solutions

Premier Tech Client Solutions take a personalized approach to **lifecycle management**, creating enhanced solutions customized to your specific needs that develop your own capabilities and operational habits, and help you achieve and maintain productivity.

The Client Solutions' passionate team acts as a **partner** by maintaining constant collaboration and putting your interests at the heart of daily decisions throughout your equipment's lifecycle.

Our programs are designed to help you reach your highest **Overall Equipment Effectiveness (OEE)** and maximize your **Return on Investment (ROI)** by providing you with the most valuable lifecycle services in the industry focusing on critical areas such as **24/7 technical support, spare parts, field service, training, system assessments and optimization.**



PT Systems and Automation



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