

RP 1200



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ROBOT PALLETISER



CHRONO-PAL™ RP 1200



PALLETISING

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RP 1200

Chronos Richardson has introduced into its range of palletiser the new multi-axis robots. The use of this new generation of robots, together with the application of the customised special gripper, allows the correct formation and alignment of the bags on the pallet. Moreover, the system can reach high speeds, depending on the type of bag to be palletised and the number of bags per layer.

The gripper, manufactured and patented by Chronos Richardson, allows the **RP 1200** to satisfy the many different palletisation requirements of modern bagging lines.

The system is characterised by the wide flexibility of use and the low maintenance needs.

FUNCTIONALITY

BAG POSITIONING SEQUENCE



1. Gripper ready waiting for the bag
2. Gripper picking up the bag
3. Gripper carrying the bag onto the pallet in the preset position
4. Gripper releasing the bag
5. Gripper returning to its bag waiting position

FEATURES AND BENEFITS

- Wide flexibility in handling any kind of bags and in the formation of the layer/pallet.
- The robot can handle bags closed either by sewing or heat sealing, as well as valve bags, and is not dependent on the type of bag construction material.
- The flexibility of the system allows it to be enhanced with optional accessories.



Baggripper with pallet pick up device

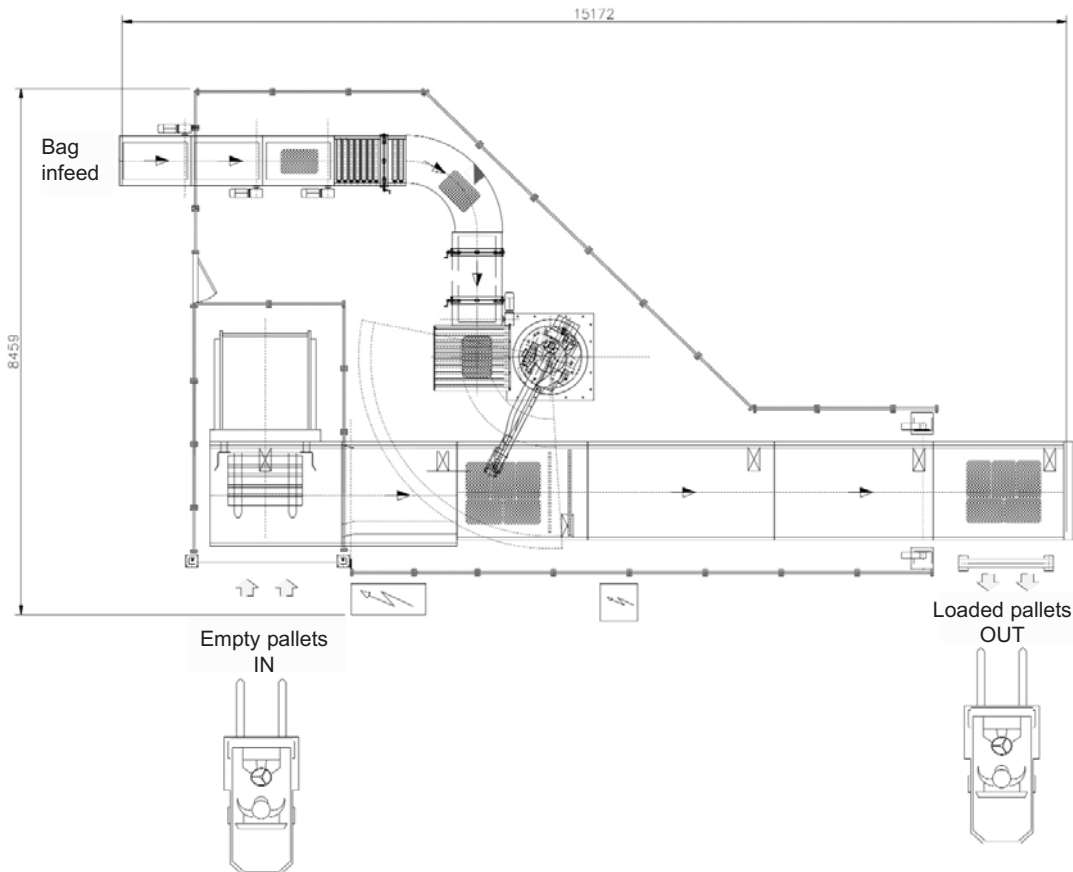


Pallet pick arms in operation

- The same gripper which picks up and deposits-bags can be equipped with devices to pick up and deposit empty pallets or slip sheets.
- Low maintenance needs.
- Modular construction allows for optimum space utilisation.

TECHNICAL DATA

Output with single pick up	up to 1.100 b/h with roller conveyors
Power supply	3 Phase, 50/60 Hz, 380/400/415/440 VAC $\pm 10\%$
Power consumption	9-11 kW depending upon configuration
Compressed air consumption	100 NI/min
Operating pressure	6 bar
Protection class	IP 65 equivalent
Operating temperature	+5-+35°C
Noise level	75 dB(A)
Max pallet height	1650 mm (including pallet)
Max pallet dimensions	1300 x 1100 mm
Min pallet dimensions	1200 x 800 mm
Max layer dimensions	1300 x 1100 mm
Min layer dimensions	1000 x 800 mm
Max bag dimensions	L=900 mm W=500 mm H=200 mm
Min bag dimensions	L=400 mm W=330 mm H=70 mm



WORLDWIDE PRESENCE

Rivière-du-Loup, CANADA • Brea, USA • Hennef, GERMANY

Viry-Châtillon, FRANCE • Nottingham, UNITED KINGDOM
Parma, ITALY • Bangkok, THAILAND • New Delhi, INDIA

For nearly 125 years now, **Chronos Richardson Systems** has made its mark on the European and Asian markets thanks to its innovative packaging and processing solutions and approach to complete integrated system projects tailored to customers' individual needs. Armed with its experience, the inventor of the first automatic weigher is now recognized as a specialist in weighing, batching, bagging and palletising for the food, feed, chemicals, plastics, fertilizer, milling and cement industries.

Chronos Richardson Systems is part of the Industrial Equipment Group of Premier Tech, one of the largest players in the field of industrial flexible packaging worldwide.

Find your solution with Chronos Richardson Systems.



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