

Palletising solution from Reitec meets the needs of FMCG customers

OMRON and Reitec join forces to create the new RC-1 cobot palletiser solution

Innovation automation solutions can improve flexibility and boost productivity in the palletising sector, whilst still ensuring a safe and healthy working environment for workers. To meet the needs of customers in the fast-moving consumer goods industry (FMCG), OMRON distributor and industrial automation specialist, Reitec Engineering Services, has developed the new RC-1 cobot palletiser solution.

Reitec is based in Las Palmas, in Gran Canaria, one of Spain's Canary Islands. The company specialises in the design, installation and programming of industrial automation solutions. By working together, Reitec and OMRON were able to form combine Reitec's extensive

experience in the design of industrial control systems with OMRON latest automation technologies, including collaborative robots (cobots).

Developing a compact solution

Palletising is a task that often incurs high personnel, operational and economic costs. Javier Ruiz, Reitec's Programming Engineer, comments: "Our customers wanted a very compact solution in terms of the space occupied when compared with the manual palletising of heavy boxes and very tall pallets."

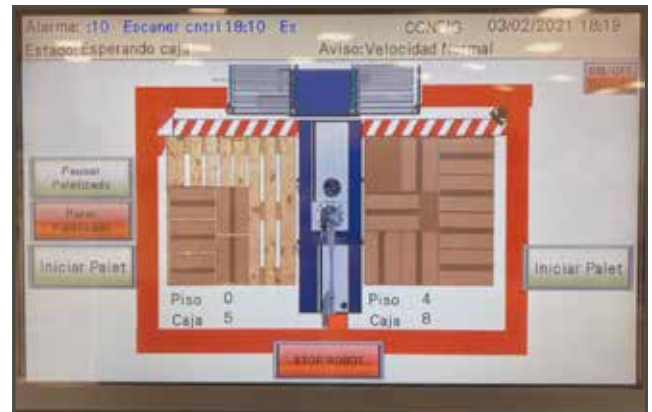
Jose Manuel Rodriguez, Reitec's Technical Director, adds: "The RC-1 palletising robot is the perfect solution for these



OMRON distributor and industrial automation specialist, Reitec Engineering Services, has developed the new RC-1 cobot palletiser solution.



The new RC-1 cobot has a reach of up to 1300mm and can take a payload of up to 14kg.



One of the main characteristics of the solution is flexibility: it can easily adapt to new applications and customer demands.

applications, due to the low acquisition cost combined with a very short return on investment. It has a small footprint compared with traditional palletising solutions, and also has the advantage of a consumption well below 100 watts at full capacity."

A flexible and adaptable cobot

The new RC-1 cobot has a reach of up to 1300mm and can take a payload of up to 14kg. It's easy to integrate into a factory and operates at up to nine picks per minute. One

of its main characteristics is its flexibility: it can easily adapt to new applications and customer demands. This is partly because the palletising robot has integrated vision, which enables it to carry out product identification tasks or to easily modify the gripper position at the pick-up point.

Jose Manuel Rodriguez concludes: "The RC-1 is a great success. We will continue to work closely with OMRON to develop our applications so that we can provide the best possible solutions to our customers."

About Reitec

Reitec Engineering Services was formed in 1997 and specialises in designing, installing and programming automatic industrial control systems, tailored to individual customer needs. The company has extensive experience of the operating mechanics of the bottling industry, bakeries, container and packaging, food and water sectors. It also has an in-depth knowledge of programmable automation solutions, having installed not only isolated machinery and processes, but also multiple automatic control and data acquisition systems (SCADA) for production lines and complete factories. Reitec works closely with leading manufacturers in the industrial control market, such as OMRON Industrial Automation. For more details, visit the website: www.reitec.es.

About OMRON Corporation

OMRON Corporation is a global leader in the field of automation based on its core technology of 'Sensing & Control + Think'. OMRON's business fields cover a broad spectrum, ranging from industrial automation and electronic components to automotive electronic components, social infrastructure systems, healthcare, and environmental solutions. Established in 1933, OMRON has over 30,000 employees worldwide, working to provide products and services in 120 countries and regions. In the field of industrial automation, OMRON supports manufacturing innovation by providing advanced automation technologies and products, as well as through extensive customer support, in order to help create a better society. For more information, visit OMRON's website at: industrial.omron.eu