

A Rolling On Interroll success story from QUINTINO Material Handling Solutions

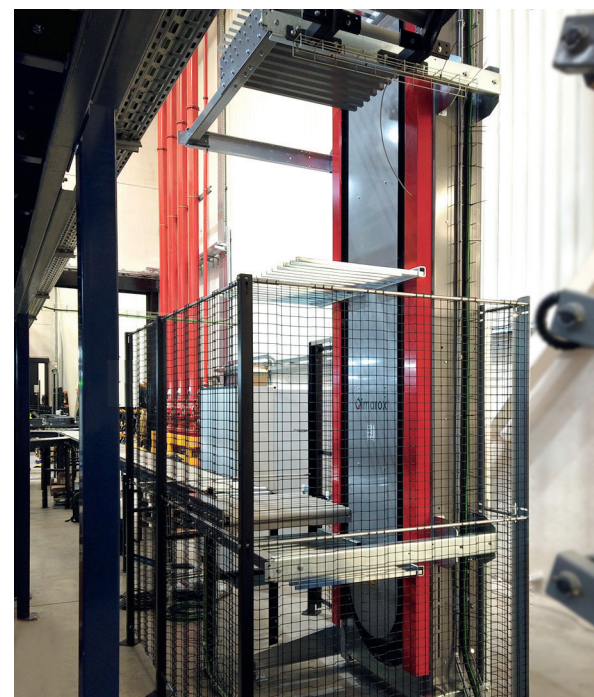
BRINGING INNOVATION TO THE CUSTOMER'S DOORSTEP

THE CHALLENGE

Faced with an unprecedented surge in demand for online shopping due to the global COVID-19 pandemic, a Latin American e-commerce powerhouse needed to rapidly expand storage capacity on its mezzanine floor. At the same time, the company needed to ramp up its operational efficiency in supply and moving products out of storage and transferring them to the packing section to connect later with the sorter infeed. To defeat those significant challenges, the e-commerce platform looked to Argentina's QUINTINO Material Handling Solutions, an intralogistics pioneer.

THE SOLUTION

Buenos Aires-based QUINTINO is no stranger to challenging projects, from turnkey solutions to modernization of existing facilities. For the e-commerce colossus, QUINTINO developed and implemented—without hindering routine operations—a solution to speed up the material flow process and alleviate bottlenecks at the packing and sortation sections, with a layout of combined conveying systems comprising belt conveyors, actuated rollers, sliding ramps, and continuous vertical lifts. All mechanical equipment is integrated into a control system featuring human-machine interface (HMI) panels, making it easy for operators to select the operating and distribution modes for packages from the mezzanine floor's storage sector. The automated package flow is enabled by conveyors specially designed to handle that kind of load; the systems for automating the package flow are connected to the sortation system and work on demand. As part of the project, QUINTINO installed two Prorunner mk5 vertical conveyors from Rolling On Interroll partner Qimarox. Today, the customer enjoys increased operational capacity—without increasing operational resources. Product breakage has decreased, plus operational order has increased due to elimination of crossovers between inbound and outbound processes.



Pictures provided by Qimarox

IN A NUTSHELL

Thanks to a tailor-made solution conceived and implemented by QUINTINO Material Handling Solutions, a Latin American e-commerce giant today is positioned for success with a high-tech, automated, efficiency-driving material-handling solution. By bringing the project to fruition, local partner and intralogistics pioneer QUINTINO delivered innovation and quality to the customer's doorstep in the form of conveying systems comprising belt conveyors, actuated rollers, sliding ramps, and continuous vertical lifts—all integrated into an HMI that makes it easy for operators to use.



Picture provided by Qimarox

COMPANY DETAILS

QUINTINO Material Handling Solutions

is a pioneer in intralogistics solutions. With more than 25 years of experience and know-how, QUINTINO brings real solutions to life, with services ranging from analytics, design, and development to simulation, construction, assembly and life cycle projects. QUINTINO serves a variety of industries including food and beverage, nonfood, pharmaceuticals, and courier, express and parcel (CEP). Core competencies include intralogistics, sorting, automated storage and retrieval systems, palletizing, picking, flow processes, material handling, end-of-line solutions, packing and assembly lines, and airport solutions such as baggage handling and air cargo. QUINTINO serves Argentina, Chile, Uruguay, Paraguay, and other Latin American countries.

QUINTINO Material Handling Solutions

is an official partner of the Rolling On Interroll program of the worldwide Interroll Group, as an "Approved Accelerator".



Why did QUINTINO Material Handling Solutions choose Interroll?

Interroll innovation and product quality were at the heart of QUINTINO's decision. Those factors are closely linked to QUINTINO's philosophy of providing technological solutions— with local service—on pair with those available outside of Argentina. In the case of this Latin American e-commerce leader, the perfect solution included Interroll's Modular Conveyor Platform (MCP) modules, series 3500 and 1700 conveyor rollers, and the Magnetic Speed Controller 50 (MSC 50) for ramps receiving packages— along with the peace of mind that comes from choosing a Rolling On Interroll partner for system design and integration.