

Brochure
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Interroll Dynamic Storage **The Heart of Logistics**

INSPIRED BY EFFICIENCY



WHY INTERROLL?

Established in 1959 and listed on the Swiss Stock Exchange, Interroll is one of the world's leading specialists within the field of material handling, logistics and automation.

We are here to lend a helping hand – analyzing your turnover of goods, assessing your special requirements and developing tailor-made solutions to meet your individual needs.

Interroll products cover a large range of applications that improve the overall performance of your warehouse and distribution center. From FIFO (First-In First-Out) to LIFO (Last-In First-Out), Interroll always has the right solution to cover your needs.

Furthermore, Interroll Carton Flow is the best way to increase your picking rates, bringing them as high as 150 picks per hour in a safe and efficient way.

Talk to Interroll today and see how we can help improve your business.

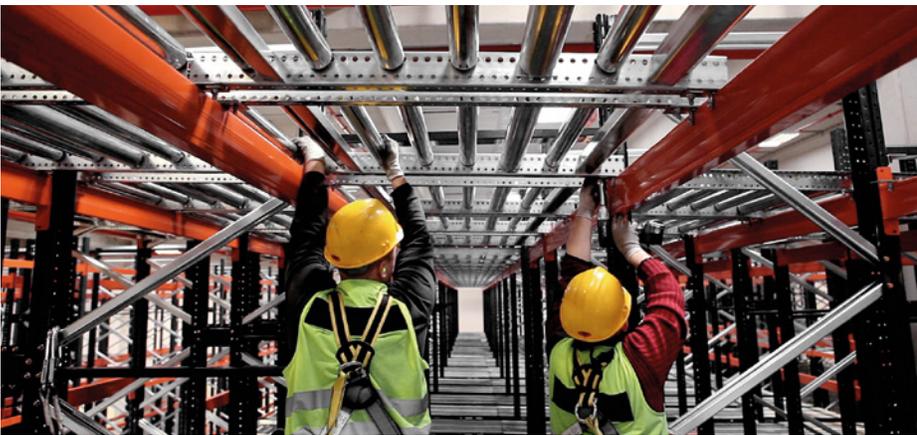


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INDUSTRIES OVERVIEW

WAREHOUSING & DISTRIBUTION
Interroll helps warehouses and distribution centers
save up to 50% space and energy.





MANUFACTURING PLANTS

Conveying and storing goods in an efficient and effective manner is key to increasing productivity at any manufacturing plant, and this is exactly what Interroll Dynamic Storage does best.



CUSTOMER SUCCESS STORIES

PROCTER & GAMBLE

The compact, space-saving and energy-efficient storage blocks store single-item goods on a first in, first out basis in gravity-fed flow lanes.

Procter & Gamble has retrofitted its distribution center for household goods for Central Europe with new Dynamic Storage technology from Interroll. In order to accelerate the flow of goods, and to increase stock levels by 35%, the existing pallet and drive-in racking was replaced with space- and energy-saving FIFO Dynamic Storage technology from Interroll. The total capacity of the distribution center went from 20,000 to 27,000 pallet places.

The pallets roll at a controlled speed of 60fpm. along gravity-driven lanes at a 4% pitch. The full-width rollers and speed controllers developed by Interroll guarantee smooth transport and optimized flow. "The new system allows P&G to make considerably better use of its existing goods distribution center and react quicker to the needs of the market," explains Matthias Schmitt, Head of the Procter & Gamble Distribution Centre.

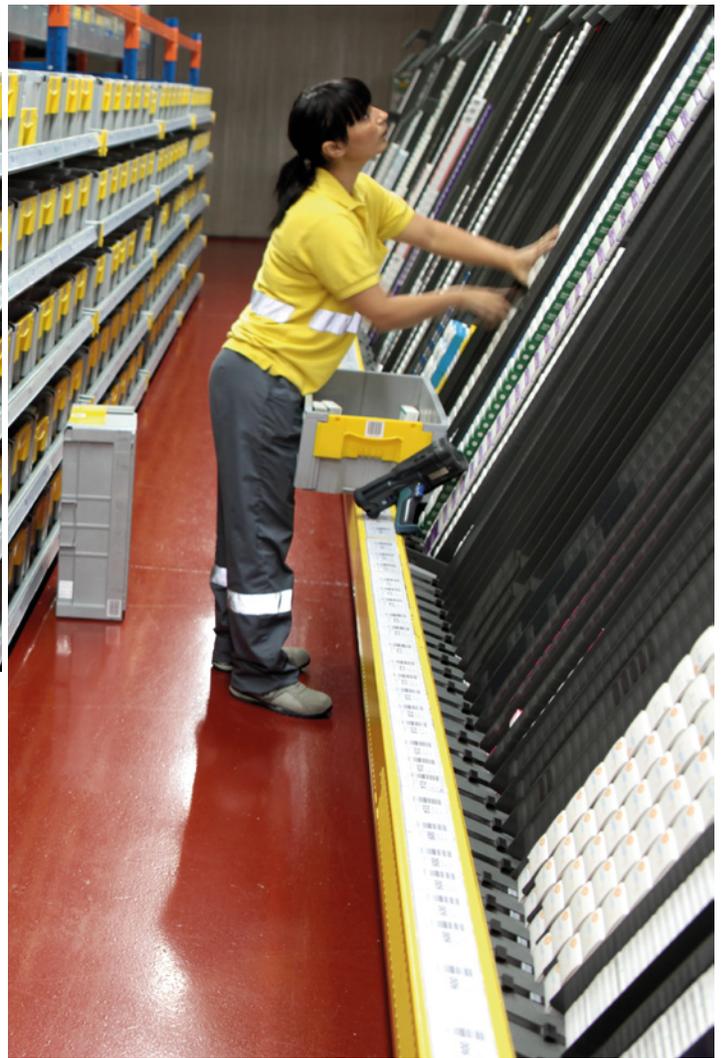


IN A NUTSHELL

DC REMAINED OPERATIONAL DURING RETROFIT PROJECT

FIFO SOLUTION LED TO A 35% CAPACITY INCREASE – FROM 20,000 TO 27,000 PALLET PLACES

FULLY OPTIMIZED FLOW OF GOODS



IN A NUTSHELL

68,000 ORDER LINES EACH DAY ARE HANDLED EASILY VIA OUR CARTON FLOW SOLUTION

TAILOR-MADE SOLUTION MET THE CUSTOMER'S NEEDS

The Hefame Distribution Center stores approx. 21,500 drugs produced by major pharmaceutical companies from around the globe.

HEFAME GROUP

The Hefame Group is Spain's second-largest drugs distribution company, with more than 650,000 sq. ft. of warehousing capacity.

A team of 75 staff order-pick an average of 68,000 order lines each day. Here, the Carton Flow solution was customized to best meet the customer's requirements.

"We are extremely satisfied with the new distribution center and the intralogistics solution provided by Interroll. It is tailored precisely to the items handled at our distribution center and has the added benefit of delivering maximum uptime," says Manel Martinez, Technical Manager at Hefame.

CUSTOMER SUCCESS STORIES

GILMER

This Gilmer Warehouse and Logistics plant is the largest facility of its kind in North America.

THINK BIG IN GEORGIA

Gilmer Warehouse & Logistics operates more than 1 million square feet of warehouse space in the state of Georgia. Its six locations are managed by VP of operations Darren Farber, who became familiar with Interroll USA when Gilmer was planning a new facility ten years ago. "Building this warehouse from the ground up gave us an opportunity to look at alternatives to traditional racking systems, and our research led us to dense flow storage" says Farber.



IN A NUTSHELL

25,000 PALLET POSITIONS

18,000 SPEED CONTROLLERS

1.5 MILLION ROLLERS

4-FOLD INCREASE IN HANDLING PERFORMANCE

In its final design, Gilmer's new, custom, high-density Pallet Flow system was substantial in size, but required much less space than Gilmer had anticipated. "Interroll's dense flow reduced our overall space requirement from 550,000 to 320,000 square feet. That provided us with tremendous cost savings in capital investment, as well as a significant reduction in forklift material-handling equipment and operators required to run the facility and meet the volume expectations."

**CUSTOMER
SUCCESS
STORIES**





RED BULL

The new DC located in the industrial estate of Bangsang, Prachinburi, near Bangkok.



IN A NUTSHELL

12,670 FIFO PALLET POSITIONS

16 PALLETS PER LANE

EACH LANE EQUIPPED WITH 2 SAFETY SEPARATORS

To support its growing business in Thailand, Red Bull placed a repeat order for Interroll Dynamic Storage technology to be installed in a new local distribution center. The new DC would have to handle peak volumes efficiently, while reducing travel distances and the number of forklift trucks in use. In addition, the installation needed the resilience to withstand damage from forklift truck operation, and to ensure a rapid return on investment.

Red Bull's positive experience with a previous flow storage solution by Interroll, for 7700 pallets in 2009, motivated Red Bull to entrust Interroll again with supplying dynamic storage equipment for the new warehouse. "From the beginning, we supported the project with our know-how and expertise from many other applications", says Grisorn Naka-pong, Managing Director of Interroll (Thailand) Co. Ltd.

The new installation provides a total of 12,670 pallet positions for FIFO (First-In, First-Out) pallet flow storage. The gravity lanes accommodate 16 pallets each. Also included 2 safety separators for maximum pallet handling safety, with the first separator in the middle of the lane.

About Interroll

Established in 1959, Interroll has grown to become the world's leading supplier of key equipment for material handling. Whether you're handling boxes, pallets, parcels or soft goods, no other supplier has such a comprehensive range of solutions on offer.

This is why system integrators, OEMs and operators choose Interroll as a trusted partner for material handling installations, worldwide.

Interroll's global reach ensures quick delivery and superior after-sale service for customers, no matter where they are. By helping increase our customers' efficiency, we boost their competitiveness in today's high-stress marketplace.

Interroll Atlanta LLC
159 Corporate Dr N
Hiram, GA 30141
+1 (855) 869 1828
atl.sales@interroll.com

Interroll Canada Ltd.
1201 Gorham Street
Newmarket, Ontario L3Y 7V1
Canada
Phone: +1 905 727 33 99
ca.sales@interroll.com

interroll.us
interroll.ca

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