



RAIN SEES RAPID THROUGHPUT GAINS WITH ROBOTIQ PALLETIZING SOLUTIONS



Industry
BEVERAGE



Solution
PALLETIZING



Location
USA



Unit
1



Company Size
30



Key Result
**100,000 LBS LIFTED
PER SHIFT**

INTRODUCING RAIN PURE MOUNTAIN SPRING WATER

RAIN Pure Mountain Spring Water, a sustainable beverage producer known for its aluminum water bottles, sought to **accelerate its packaging throughput while reducing physical strain on employees** who were manually palletizing heavy cases. After identifying labor-intensive bottlenecks, RAIN partnered with Robotiq to deploy the **PE20 palletizing system** featuring a collaborative robot from Universal Robots.

The company faced the following issues:

Manual palletizing bottlenecks: Rain previously relied on manual end-of-line palletizing, with employees stacking corrugated cases of aluminum water bottles by hand. They were dealing with repetitive lifting and stacking in a space-constrained environment, risking injuries and inefficiencies.

Complex SKU management: Multiple product lines meant higher chances of mistakes when stacking or labeling. As the number of SKUs grew, so did the physical strain on the team.

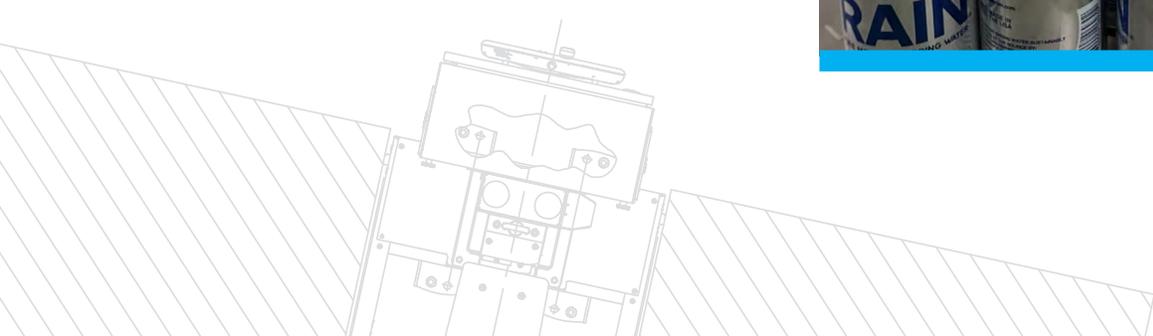
Facility constraints: Limited floor space made large, traditional palletizing equipment unfeasible.



Mark Majkrzak,
Founder at RAIN

“ [Manual palletizing] was an ergonomically unfriendly task. These cases are 30 pounds when they come off the line, at six cases per minute. We had two operators doing that job, and on a shift, they might lift a hundred thousand pounds. Those operators now have forklift certifications and have been reallocated to other areas of the plant where they were needed. ”

— Mark Majkrzak, Founder at RAIN





PALLETIZING SOLUTION

THE SOLUTION

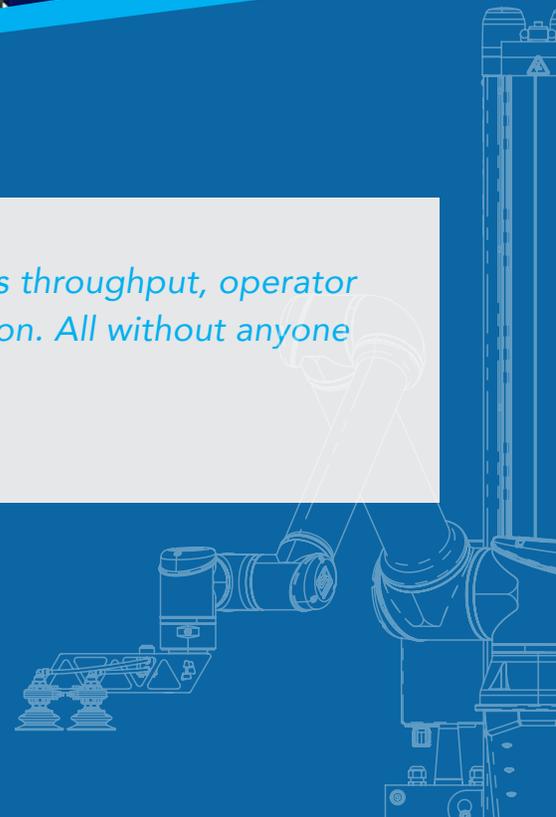
Robotiq provided RAIN Pure Mountain Spring Water with a **compact and cost-effective palletizing solution** built around the PE20 Palletizing Solution. Its space-saving design fit seamlessly into RAIN's existing layout, while integrated safety scanner—allowed for easy programming and minimal guarding requirements. Thanks to **the system's small footprint, quick lead time, and user-friendly setup**, RAIN was able to deploy the solution rapidly and start seeing results right away.

RAIN initially explored the idea of purchasing a UR arm and building its own palletizing system as their CEO Mark Majkrzak is a mechanical engineer with a strong background in automation. However, Robotiq's PE20 Palletizing Solution—**featuring reliable productivity, adaptability, and ease of use**—proved to be a better fit.



“For any automation pessimists, this solution improves throughput, operator health and safety, gross production and labor utilization. All without anyone losing their job.”

— Mark Majkrzak, Founder at RAIN



TRANSFORMATION AND SUCCESS

Beyond being cost-effective and quick to deploy, the solution **helped Rain boost operational efficiency** while also giving its existing team the opportunity to take on more advanced, value-added roles.

Proven gains at a glance for RAIN:

Significant throughput boost: Palletizing speed rose noticeably, streamlining RAIN's end-of-line operations

Reduced physical strain and increased employee satisfaction: Employees were reassigned to higher-value tasks, including forklift certifications.

Faster ROI: Thanks to ease of integration and short deployment times, RAIN saw benefits sooner than expected.

RAIN's palletizing automation story shows how **Robotiq's easy-to-deploy, compact systems can transform repetitive manual processes** into streamlined, cost-effective workflows.



***Unlock greater potential with Robotiq Palletizing Solution
and find out how it can transform your business operations.***

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