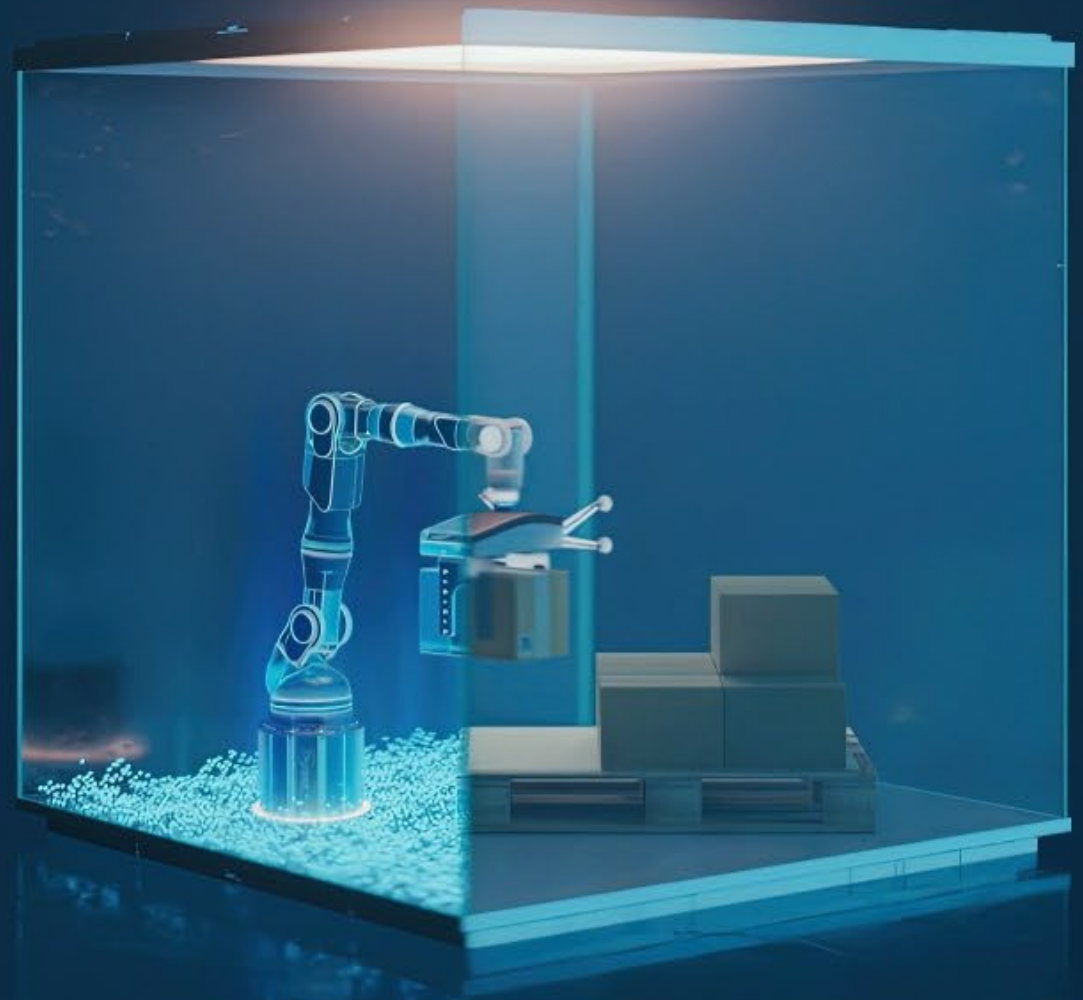
PRESS KIT 2024

Dec 2024



INDEX

Company Overview

OnRobot A/S was founded in 2018 with the mission of breaking down automation barriers and bringing the benefits of automation to manufacturers of all sizes. Headquartered in Odense, Denmark, with offices spread across the globe, OnRobot is the world's leading provider of hardware and software solutions for collaborative applications. All offerings are based on the same 'One System, Zero Complexity' platform, delivering a unified interfacing experience. OnRobot products and solutions are provided through more than 700 distribution partners and used in many different industries, making it easier and faster to automate tasks such as material handling, machine tending, assembly, and surface finishing. To ultimately deliver the company's mission and vision, OnRobot has introduced its flagship platform D:PLOY with the aim of removing the automation complexity barrier and bringing manufacturers up to 90% reduction in deployment time.

OnRobot at a glance

FOUNDED
2018

HEADQUARTERS
Denmark - Odense

PARTNERS
+700

PRODUCTION CENTER
Odense

WORLDWIDE OFFICES
Odense, Budapest, Soest, Barcelona, Texas, Singapore,Tokyo, Seoul

Our vision

The global leader within collaborative applications for factory automation

OnRobot set out to build the One Stop Shop that enables easy and fast deployment of collaborative applications.

Since establishment in 2018, OnRobot has brought to market a wide assortment of hardware and software for collaborative applications that have helped manufacturers grow their business, deal with labor shortage, optimize productivity and secure fast return on investment (ROI).

D:PLOY represents the culmination of materializing the OnRobot vision.

Our mission

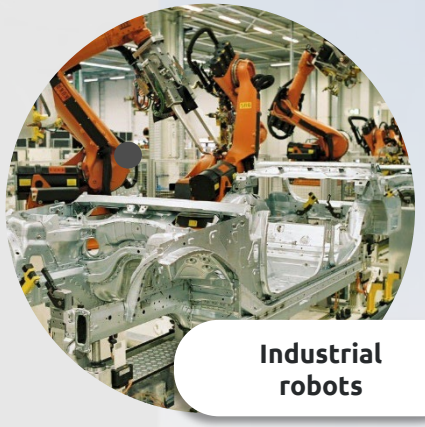
Break down automation barriers and bring the benefits of automation to manufacturers of all sizes

The field of automation has grown tremendously over the last decades. Although many manufacturers have embraced automation, high barriers to implementation remain, especially among small and medium-sized companies. Deploying robotic applications on the manufacturing floor is still far too complex, time-consuming, and inflexible. All of this drives up costs and the minimum number of parts produced, making automation an unviable option for many.

D:PLOY breaks down these automation barriers by finally removing complexity associated with robotic application deployments and redeployments, offering staggering time and cost-savings.

Breaking down automation barriers

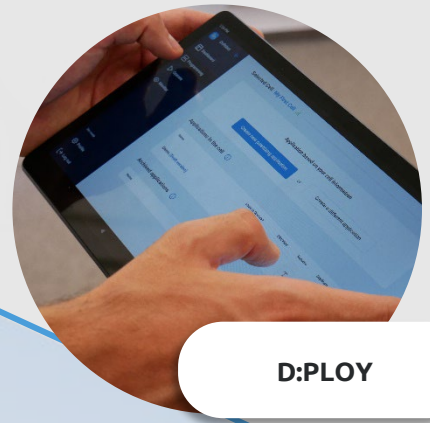
Time required for application setup and programming



Industrial robots

Collaborative robots

One System Zero Complexity



D:PLOY

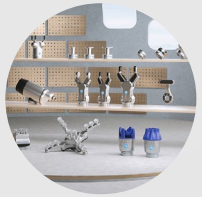
OnRobot history and milestones

2018

OnRobot A/S is established from the merger of Danish On Robot, Hungarian OptoForce an LA-based Perception Robotics.

2019

Robot compatibility taken to the next level with One System Solution. VGC20 is launched.

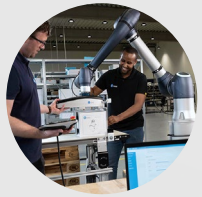


2020

OnRobot solutions portfolio grows with 3FG15, Soft Gripper, and 2FG7 grippers, OnRobot vision system and the complete solutions OnRobot Screwdriver and OnRobot Sander.

2021

Software debut with the launch of WebLytics; new gripping solutions launched - VGP20 and MG10. Learn OnRobot e-learning platform is introduced to bring collaborative applications know-how to all.

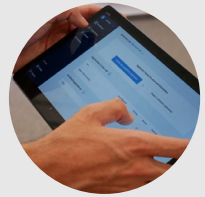


2022

OnRobot Palletizer is launched – out-of-the-box palletizing solution combining 4 new hardware and software products.

2023

Introduction of D:PLOY - industry's first platform to automate deployment of collaborative applications.



2024

OnRobot is now offering off-the-shelf complete solutions powered by D:PLOY together with expert partners.

Our Spokepeople

Would you like to talk to us?

Each region and market has its own unique needs and challenges, this is why we have spokespersons located throughout the world who can speak to you about industry topics in detail. Whether you are interested in learning more about our latest products and solutions or discussing industry trends and strategic topics, our team is always ready and willing to share its expertise with you!

If you are interested in scheduling an interview with one of our spokespersons, please do not hesitate to contact us. We would be happy to connect you with the right person for your specific needs and arrange a time that works for you.

Meet our CEO

Enrico Krog Iversen is a Danish entrepreneur and business executive with over 30 years of experience in the technology industry and CEO of OnRobot since 2018.

In 2008, Iversen co-founded Universal Robots, which developed the world's first collaborative robot. Under his leadership as CEO, Universal Robots grew rapidly and was eventually acquired by Teradyne.

After the acquisition, Iversen left Universal Robots and founded OnRobot. As the CEO of OnRobot, he has led the company's growth and expansion into new markets, and the company has become a leading provider of collaborative applications for factory automation.

Iversen has won numerous awards for his contributions to the technology industry, including the Danish Entrepreneur of the Year award in 2016 and the Automation Alley's Global CEO of the Year award in 2018. He is also a frequent speaker at industry conferences and events and has been recognized as one of the most influential people in the robotics industry by Robo Business Media.

Media Relations Contacts

Coming soon

JESPER FUGLSIG
R&D DIRECTOR

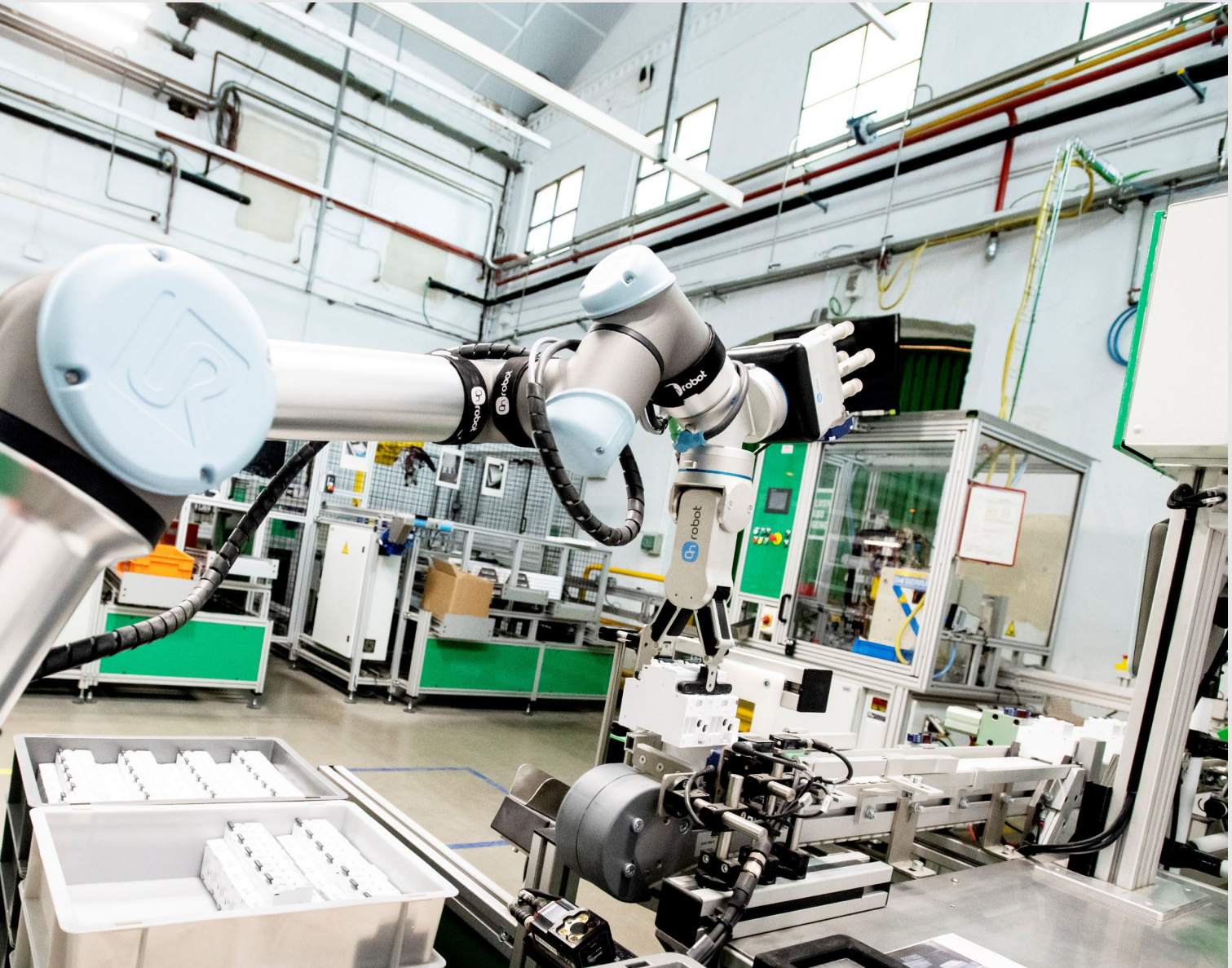
ENRICO KROG IVERSEN
CEO

JAMES TAYLOR
CHIEF COMMERCIAL OFFICER

Customer Success Stories

from customers across countries and industries

Success Stories



We want to provide you with fascinating content that can **capture the attention of your audience.** All our stories center around manufacturers from all sizes. Companies that had different **automation challenges, and their achievements**. Our case stories are ideal to inspire and resonate with readers or viewers.

You can use our success cases to **inform your audience** about emerging trends, technologies, and strategies in the automation industry.

RG6 automates packaging tasks at Plus Pack

Plus Pack is a family-owned and operated business that has been providing the food industry with innovative packaging solutions that address the food industry's continuously changing demands.

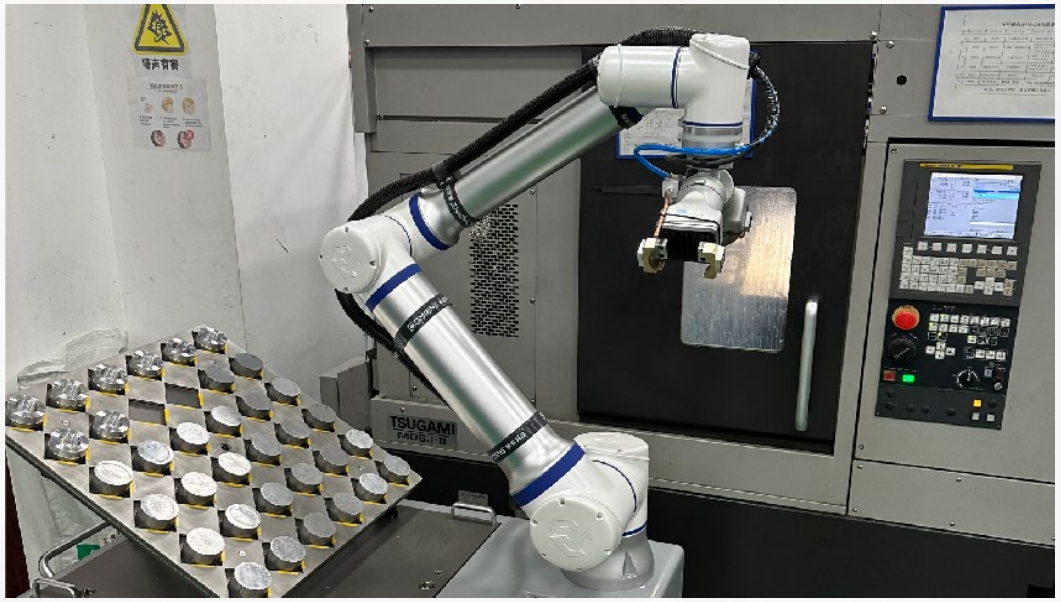
THE CHALLENGE

- High physical strain on the employees - manual process requires a lot of repeated heavy lifting and a lot of stress on the shoulders.
- Optimize the manufacturing and packaging of the wide variety of items produced

THE SOLUTION

RG6 gripper with customized fingertips stacks products on top of each other, pressing out the air between them. The application reduced the number of heavy lifting and monotonous operations and employees are now free to spend time on more specialized tasks and quality control.

Meeting demand at Shanghai Combine Machinery Technology



Shanghai Combine Machinery Technology Co., Ltd, started by trading imported CNC machine tools and providing maintenance services for machine tools. As the years passed, the company diversified its offerings. It expanded into designing and manufacturing machine tool clamps and providing mechanical processing solutions.

THE CHALLENGE

- Balancing cost-effective, high-quality part production with the industry's rising labor costs and a scarcity of skilled machine operators.

THE SOLUTION

Shanghai Combine Machinery Technology opted for an automated CNC machine tending solution powered by the D:PLOY platform. This system, incorporating a custom setup, a collaborative robot, and electric grippers, enabled quick setup and seamless introduction of new parts. Mr. Lu, the Executive Director, emphasized its suitability for their needs and its transformative impact on their operations.

Increased Productivity at Okura Kogyo

Okura Kogyo is a Japanese manufacturer of logistic equipment and systems. Their offering includes design, manufacturing, installation and maintenance of conveyors and conveying systems.

THE CHALLENGE

- Manual loading and unloading of workpieces from processors to trolley.
- Need for careful handling to prevent damage to workpieces.
- Facing labor shortages.
- Seeking optimization of current resources.
- Aim to increase productivity and efficiency.

THE SOLUTION

Okura Kogyo adopts a collaborative solution, pairing the OnRobot VGC10 gripper with an Omron cobot for automated workpiece handling. The VGC10 gripper, with a customized fixture, efficiently handles 2 rollers, adapting to production needs. Its compact design suits tight spaces, and installed on a mobile container, it offers flexibility without requiring additional space or safety fencing for safe operation alongside employees.

Solving labor shortages at Sano-Bruno’s Enterprises

Sano is a prominent manufacturer of household and cleaning products, offering over 500 items like detergents, insecticides, and laundry products.

THE CHALLENGE

- Difficulty finding workers willing to palletize.
- Space constraints in the factory where traditional solutions weren't suitable.
- Growing workforce shortage impacting production.
- Manual palletizing process becoming increasingly problematic due to lack of operators.
- Need for a palletizing solution that could operate safely alongside workers while minimizing space requirements.

THE SOLUTION

The solution consisted of two palletizing stations with Collaborative Fanuc CRX robots mounted on OnRobot Lift100s, equipped with fully electric 2FGP20 OnRobot grippers. This setup efficiently handled various box types for palletizing, offering a cost-effective solution with quick integration.

Modernizing Idaho agriculture

Magic Valley Produce, Inc. is a family-owned potato farm and fresh pack facility in Idaho's Magic Valley. They grow, wash, grade, size, and pack Delish Brand Idaho potatoes in Paul, Idaho, distributing them nationwide.

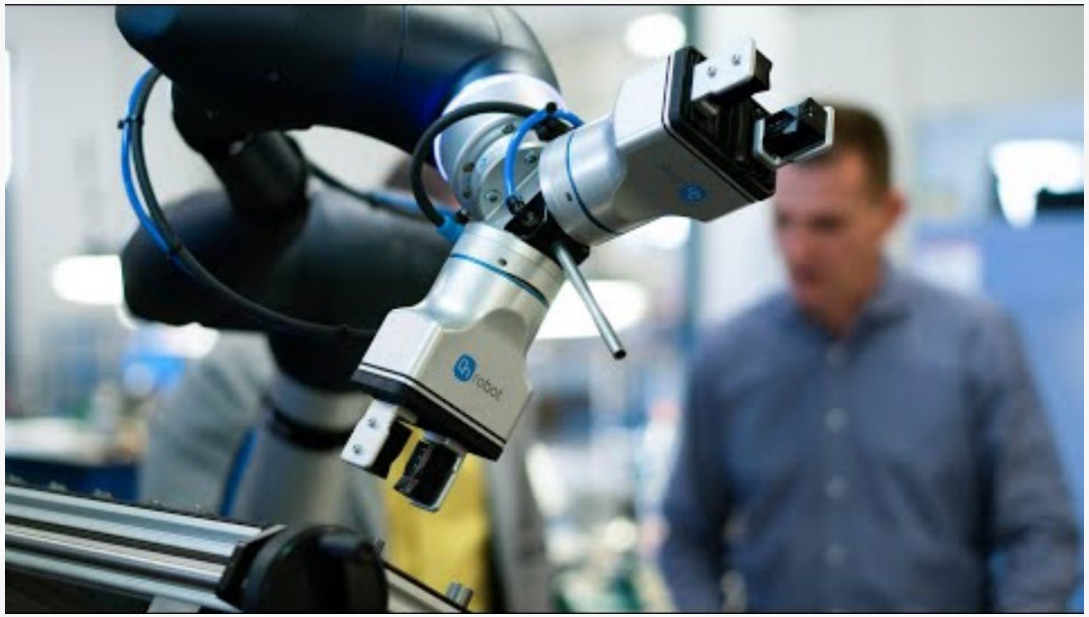
THE CHALLENGE

- Limited floor space and headroom for traditional robots
- 52.5-pound (23.8 kg) boxes exceeding payload limits of traditional collaborative robots
- Difficulty handling two-piece cardboard boxes due to unsecured slip tops
- Traditional vacuum grippers unable to lift boxes without pulling off the tops

THE SOLUTION

OnRobot 2FGP20 grippers on a FANUC CR-35iB cobot, doubling the gripper's capacity to handle heavy boxes securely. Customizations, like adding curved fingers, ensured effective grasping of the unique two-piece cardboard boxes. Efficient installation allowed simultaneous stacking of two pallets, maximizing productivity. Ongoing support from OnRobot ensured reliability, contributing to the solution's success.

Automating high mix/low volume at BS CNC



BS CNC is a small family-run business that produces metal precision components in unique and small/medium series.

THE CHALLENGE

- Increased demand due to company growth
- Time-consuming task of tending machines
- Employees required to stand in front of machines all day
- Difficulty finding and retaining skilled operators due to repetitive nature of the task

THE SOLUTION

OnRobot's 2FG7 electric gripper paired with a collaborative robot from Doosan. This gripper's versatility allowed for handling various parts without custom engineering, while seamless integration with the robot streamlined the setup process. The automation significantly increased production from 128 to 155 pieces per shift, reduced downtime by 50%, and boosted production hours by 4. This solution freed up employees for more valuable tasks and improved overall competitiveness for BS CNC.

CNC Machine Tending at WEFAG

The Switzerland-based company WEFAG AG offers high-quality comprehensive services in the field of CNC machining and has been doing so for 35 years.

THE CHALLENGE

- Shorter delivery times and smaller batch sizes
- Meeting high-quality standards in CNC machining.
- CNC machines requires absolute positioning accuracy and repeatability.
- Improve production efficiency without disrupting employee tasks.
- Limited space between CNC machines

THE SOLUTION

OnRobot's 3FG15 gripper seamlessly mounted on Doosan's collaborative robot arm. This electric gripper excelled in accuracy and flexibility, enabling precise gripping of objects of various shapes and sizes. Its adaptable fingers and symmetrical rotational motion ensured precise placement of objects, making it ideal for CNC machine operation. The gripper's IP67 certification added durability, crucial for industrial environments.

Schneider Electric Increases Safety

Schneider Electric's factory in Meliana, Valencia, Spain, spans 21,000 m2 and produces over 11 million units of low-voltage electrical switchgear annually, specializing in earth leakage circuit breakers. It is a key facility within the Schneider Electric group for this technology.

THE CHALLENGE

- Need to automate the process to improve productivity.
- Need for flexibility, safety, and ergonomics benefits.
- Limited footprint

THE SOLUTION

OnRobot RG6 gripper facilitated the transfer of finished relays, ensuring flexibility and safety in a collaborative workspace. Subsequently, a Dual Quick Changer enabled the attachment of two grippers to the robot arm, allowing the handling of empty buckets and finished products with improved efficiency and operator ergonomics. Incorporating the VGC10 vacuum tool reduced application risks and enhanced efficiency,

Automation at Designed Mouldings

Australia-based Designed Mouldings is an injection moulding specialist, producing plastic caps and seals for customers in the packaging industry.

THE CHALLENGE

- Disrupted global supply chains.
- Need to turn to local manufacturers for production.
- Increase in orders impossible to fulfill.
- Time-consuming production process.
- Reduce cycle time and boost productivity.

THE SOLUTION

The OnRobot VGC10 electric vacuum gripper was chosen for its versatility in a collaborative application, offering flexibility in tight spaces. Integrated with a Techman cobot, it operates independently without the need for external air supply or additional cabling, simplifying deployment and reducing maintenance costs. Its compact footprint allows for easy relocation and installation. Setting up the gripper took just three to four days. Managing Director Paul Neumeyer highlighted its efficiency, completing a 20,000 product run in 24 hours, three times faster than manual methods, aiming for ROI within six months.

L’Oreal automates hair research center

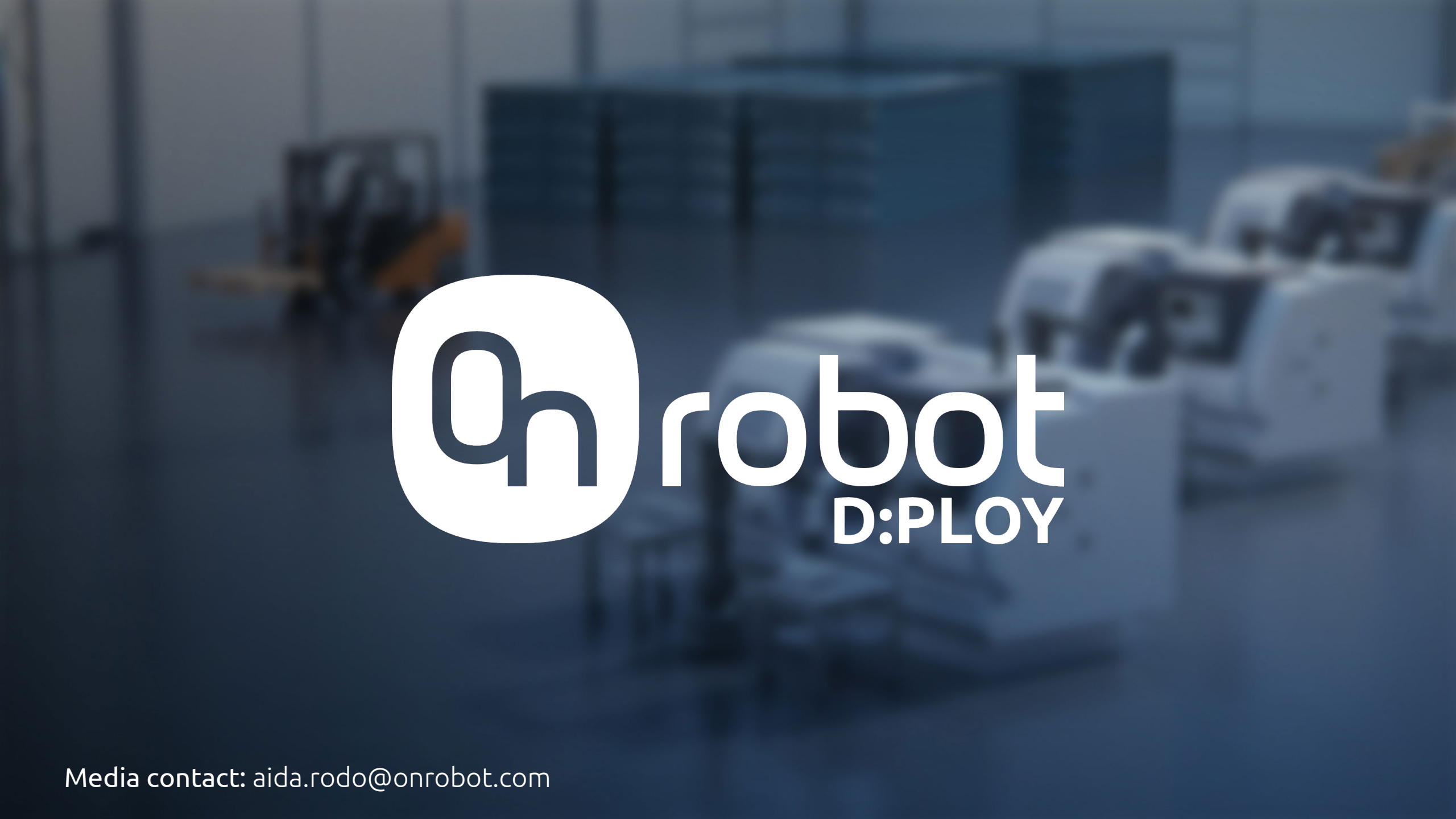
L'Oréal, a French cosmetics leader, opened the world's largest hair research center in Saint-Ouen, France, in 2012. With nearly 500 researchers across three stories, they formulate new hair products based on scientific advances and consumer needs.

THE CHALLENGE

- Improve data collection on product performance and composition to improve quality and innovate.
- Enhance production operations and expand product testing capabilities.
- Stay competitive
- Address time-saving issues, accelerating the product development cycle, and free up valuable time for technicians and engineers.
- Reduce task repetitiveness

THE SOLUTION

L'Oréal's research center has implemented OnRobot's RG6 and RG2-FT grippers for automation and modeling purposes. These grippers offer agility and flexibility in addressing various challenges. They facilitate precise measurement and 3D handling, with the Quick Changer enabling seamless task transitions. The ease of use, flexibility, and performance of OnRobot solutions are commended for their contribution to innovation and cost reduction.



Media contact: aida.rodo@onrobot.com