

Case Study

Palletizing



Palletizing of Boxes

With the modular robots of Robco our customer modernizes its machine park and managed to **increase its production capacity**.

The starting point for the need for automation was an already automated process for palletizing boxes filled with nut packages. Mainly due to the dissatisfaction with the previous automation solution, the Robco robot instead provided a safe automation process with the possibility of a flexible and fast changeover.

The goal was to provide the desired solution for for different payloads between 4-8kg and to minimize the manual work of employees.

The Robco robot was able to solve the requirements with an automated, reliable, and flexible process and the customer was able to increase process quality and consistency. The fast processing of repetitive steps also allowed for an increase of the cycle times and overnight operation. Even non-experienced users and workers can now program the robot and and reconfigure the robot via a dashboard within minutes.



"In Robco, we found a competent partner who can offer us a secure automation process. The young team convinced us from the very beginning."



Robco's Modular Industrial Robots

Our all-in-one robot solution takes over a multitude of work steps in production. Thanks to the modular configuration, Robco robots can be assembled exactly according to the individual requirements and easily modified for various applications.

"You are interested in an automation solution by Robco? I am happy to help! Feel free to **schedule a meeting with me.**"

Franziska Herrmann
Business Development Manager
Robco



Use Cases & Technical Data

Our robots can be individually assembled with up to 8 modules. Depending on the configuration, the robot has a payload up to 20kg and reach a customizable range of up to 2m. The repeatability is 0.1mm and the velocity is 2m/s. Our robots are certified according to IP54 protection class and EN ISO 13849-1:2015.

The application areas for Robco robots are mainly machine tending, pick & place, palletizing, or dispensing.