



Making light work of heavy products

Many machines featuring delta robots can securely grip a container or a product, place it on a conveyor, or pack it into a case or carton. Engineering in the truest sense of the word begins when this can be done with speed and precision – even for very heavy products.

NTL-50

- ✓ Easy to integrate thanks to a 1.60 x 1.75 m footprint
- ✓ Tried-and-tested delta robots from Codian Robotics
- ✓ A high-performance machine, even when handling heavy products
- ✓ Optimized gripper technology for items that are hard to handle (due to their shape or consistency)
- ✓ Intuitive use thanks to a Bosch Rexroth HMI

The NTL-50 is a top-loading automation solution implemented using delta robots. The machine's perfection is demonstrated by two key elements. Firstly: the compact design and gripper technology. The design of the NTL-50 is compact and easy to integrate, getting by with a footprint of 1.75 x 1.60 m. When it comes to the gripper design, we ensure the best technical combination of vacuum and mechanical components to make pick-and-place product handling extremely efficient and safe – even if your product's geometry or material properties makes it heavy or harder to handle.

While the NTL-50 can be operated as a standalone solution, it is also ideally suited for integration into line concepts.

As an official integrator of solutions from renowned global robot manufacturers, we are excited to draw on the latest knowledge in robotics development to help you get the most out of your processes. And it's only natural that switching between sizes on the NTL-50 is a tool-free procedure.

Details



Optimized Gripper Technology

Optimized gripper allows for handling a wide array of products – including food products.



Quick and Dependable

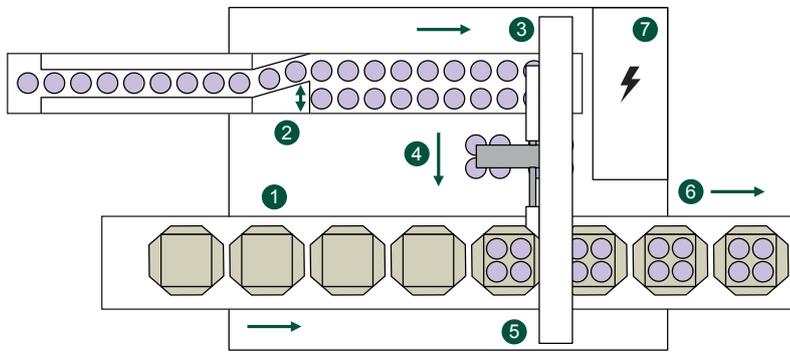
Delta robot retains speed and precision – even when working with heavy products.



Small Footprint

Compact footprint of just 1.75m x 1.60 m for easy integration into any production line.

Process illustration



- ① Case infeed
- ② Product collation
- ③ Product pick zone
- ④ Product in transit
- ⑤ Product place zone
- ⑥ Case outfeed
- ⑦ Electrical cabinet

Technical data NTL-50

The technical data might vary, depending on the container dimensions and shapes, the product to be filled, the machine configuration and material specifications.

Package Length Range	Package Width Range	Package Height Range	Magazine Capacity	Output/min	Output/h	Product Size Requirement
Per project specifications	Per project specifications	Per project specifications	N/A	Up to 50 picks	Up to 3000 picks	Per project specifications

Size (LxWxH)	Weight	Power Requirements	Air Requirements
69" (1,75 m) x 63" (1,61 m) x 100" (2,55 m)	900 kg	230 V/20A 60 Hz 480 V/15A 60 Hz	90 PSI @ 10CFM