

NRP-10

**RYCHIGER**



# Full of surprises.

This palletizer properly ups the ante in terms of process automation. Install it. Palletize your products. And you're done.

# NRP-10

- ✓ Fast integration into existing production environments
- ✓ Integrated pallet magazine for up to four pallet stations
- ✓ Palletization of cases, trays, and bags
- ✓ Intuitive use thanks to a Bosch Rexroth HMI

As a life science, food production or industrial company wanting to expand your end-of-line operations to include an easy-to-retrofit, flexible and extremely space-saving palletizer, you're making a smart move in opting for the NRP-10. The NRP-10 has a modular design. Combined with the small footprint, this compact machine is the cost-effective tool of choice if you're looking to automate the end of your process and relieve the strain on your staff. Another plus point is that – when developing the ideal gripper – we focus on your product's unique geometry and properties to ensure that you get the maximum performance out of your processes. If something needs to be placed on the pallet, that's exactly where it's put – whether this is done the traditional way using a vacuum, or mechanically in the form of a fork or other parts.

Our NRP-10 is best described by the phrase "Keep it short and simple". Since the machine has a modular design, you can get the individual components through any door. This also makes swift, subsequent integration into existing lines or production environments superbly straightforward. The robot, which is bolted to a base, can be intuitively programmed, and put into operation using an HMI.

## Details



### Integrated Pallet Magazine

Provides automatic delivery of empty pallets to loading station, providing continuous operation when combined with multiple stations.



### Compact Modular Design

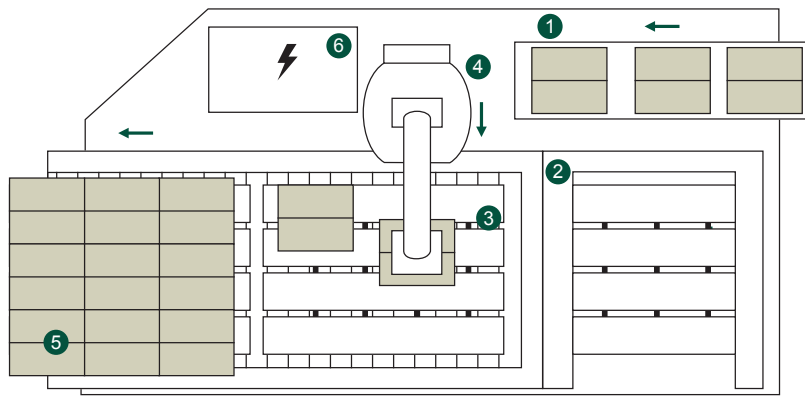
Compact modular design allows for seamless integration into any production line.



### Customized Gripper

Customized gripper designed to fit your product's unique shape – ensuring maximum performance.

# Process illustration



- ① Product infeed
- ② Pallet magazine
- ③ Pallet loading zone
- ④ Loading robot
- ⑤ Pallet exit
- ⑥ Electrical cabinet

## Technical data NRP-10

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	Magazine Capacity	Output/min	Output/h	Product Size Requirement
Max 48" (1219 mm)*	Max 48" (1219 mm)*	15 pallets	Up to 10 picks	Up to 600 picks	Per project specifications

Size (LxWxH)	Weight	Power Requirements	Air Requirements
2 pallet variant 169" (4,3 m) x 120" (3,05 m) x 169" (4,3 m)	1'300 kg	480 V/20A 60 Hz	90 PSI @ 5CFM
1 pallet variant 128" (3,24 m) x 120" (3,05 m) x 169" (4,3 m)			

\* Custom sizes available