

## Automated Solutions

# Packaging Center

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### Bagging

The packaging is carried out with NPB's automatic paper bagger which can be built with up to four in-feed lanes. The counted sticks of ends are fed into pre-made paper-bags, folded and sealed before transport to the robot palletizer.

### Palletizing

A 6-axis standard industrial robot is used for most of the operations, such as placing the folded and oriented bags, handling of the snake wrap paper from side to side and cutting the paper for pallet changes. During the automatic pallet change, the filled pallet is transported on a roller conveyor to the pick-up position for the forklift. An empty pallet then goes into position to start a new palletizing sequence.



## Technical Specification

### Product data

Capacity, standard machine	10 bags per minute/lane
Dimensions, product	Ø 200–208
Bag length	up to 1200 mm (47 ¼ in)
Material	Wood/plastic
Pallets	800x1200, 1000x1200, 1200x1200 etc.

### Technical data

Height	3500 mm (11.5 ft)
Length	6500 mm (21 ft)
Width	5000–7000 mm (16.4–23 ft) depending on layout
Power	3x400–480 V AC/3x50 A, 50–60 Hz
Air pressure	0.6 MPa (87 psi)
Control system, PLC	Siemens/Allen & Bradley

### Options

- Various layouts, left- or right-handed, angled positions etc.
- Bag printer.
- Storage of empty pallets.
- Bag sealing with wet-tape, ITU.

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NPB designs, develops and manufactures automation equipment for the packaging industry. We have top-rate expertise in mechanics and design as well as thorough knowledge in the development and manufacturing of automation equipment. The organization is customer-oriented and flexible with the aim to deliver intelligent machines that are simple to handle.

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