



Automated Solutions

NPB Unwrapper

Our unwrapper features a flexible modular design, which is easy to adapt to your production and layout. It can be used as a freestanding, semi-automatic unwrapper or as a fully automatic unwrapper, integrated into a depalletizer.



The unwrapper for ends

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Design

As a result of the modular design, the number of lanes does not limit the total capacity. Each module has its own in feed, opening and out feed device. Different products can be handled at the same time.

The unwrapper has compact design and allows access to all parts at floor level. To reduce the down time, need of spare parts and maintenance, the design is focused to use less moving parts and an operator friendly HMI. The unwrapper is suitable for use in wet environments.

Unwrapping

The wraps with ends are opened using cold cut technology, which ensures a clean result without any residual particles from the film. The plastic film is pulled off through rubber rolls and fed with a vacuum fan. The plastic film is either gathered in a bag or extended to a compression unit. The ends are then fed out in a continuous flow to the conveying system. The first and last ends in the stick are traced during the whole process.



Technical specification

Product data

Capacity	3 wraps per module/minute
Dimensions, product	Ø 60–150 mm (200–603) (other dimensions on request).
Max wrap length	Up to 1000 mm (39 in)

Technical data

Height	1800 mm (5.9 ft)
Length	2600 mm (8.5 ft)
Width	900 mm (3 ft)
Power	3 x 400–480 VAC/3 x 20 A, 50–60 Hz
Air pressure	0.6 MPa (87 psi)
Control system, PLC	Siemens/Allen & Bradley

Options

Left or right-handed layout. Other product sizes.
Semi-automatic or fully automatic, integrated with depalletizer.

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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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