

A robotic arm is shown in the process of unwrapping a pallet. The pallet is loaded with blue plastic crates, which are partially covered by a clear plastic film. The arm is positioned above the pallet, and the film is being peeled away. The background is a white wall, and the floor is a light-colored concrete. The overall scene is industrial and automated.

Patented
technology
for
automatic
unwrapping of
pallets

VARO
Unwrapper



VARO Unwrapper Core at test center in Denmark

The missing link in your automated warehouse

Automatisation in Warehouses and Logistics increases – but *unwrapping of pallets* remains manual labor – until now!

VARO's revolutionary unwrapping solution, VARO Unwrapper Control, can gently remove the stretch film wrapped around pallets. The stretch film is gently but accurately cut and removed fully automatically.

It's therefore the right choice for production companies that deal with unstable products and receive a large number of pallets every day.

The VARO Unwrapper pays off:



Fast

High capacity - fully automatic multi-shift operation without breaks



Careful

Unwrapping without damaging the pallet goods



Safe

No more risk of injury for employees



Flexible

Easy integration into existing production lines or use as an independent unit - the automatic unwrapping technology quickly contributes to an effective production process



VARO Unwrapper Cut

High-precision *Cutting*

VARO Unwrapper Cut is designed for cutting of the stretch film wrapped around pallets. The removal of the stretch film into a compactor is optional or can be done manually.

With VARO Unwrapper Cut you'll get:

A flexible unit which handles all standard pallets - EUR EPAL 1-7 (up to 1200x1200mm).

A versatile unit which can handle unregular stabled products on pallets as well as pallets up to 2.7 m in height (US: 8' 10" – 8 feet, 10 inches) .

A place saving unit that can either stand alone or be smoothly integrated into your existing automation lines either before or after the unwrapping proces.

An eco-friendly unit - no compressed air needed.

Ideal for the following goods on pallets:

- Cardboard boxes
- Packaging material
- Other stable products



Find out more on our website
by scanning the QR code.



VARO Unwrapper Core

Automatic Cutting and Removing of Stretch Wrap

VARO Unwrapper Core is designed for cutting and removing the stretch film wrapped around pallets.

With VARO Unwrapper Core you'll get:

A flexible unit which handles all standard pallets - EUR EPAL 1-7 (up to 1200x1200mm).

A versatile unit which can handle unregular stabled products on pallets and pallets up to 2.7 m in height (US: 8' 10" – 8 feet, 10 inches).

A place saving unit that can either stand alone or be smoothly integrated into your existing automation lines.

Ideal for the following goods on pallets:

- Cardboard boxes
- Packaging material
- Other stable products



**Patented
Technology**

VARO Unwrapper Control

Complex *Unwrapping*

VARO Unwrapper Control is a customized solution developed for complex unwrapping of unstable products and specifically designed for your needs and production layout.

Contrary to other unwrapping solutions, the Unwrapper Control has enclosing sides in order to prevent the products from falling down after unwrapping. The enclosing sides straighten the pallet before cutting and removing the stretch film.

With VARO Unwrapper Control you'll get:

A flexible unit which handles all standard pallets - US pallets up to 48x40" or EUR EPAL 1-7 (up to 1200x1200mm).

A versatile unit that removes both stretch film on the side and top of the pallet. As an option, strips can be cut and removed also.

A safe machine that even fixes disparities in the stacking of goods.

A place saving unit that can either stand alone or be smoothly integrated into your existing automation lines either before or after the unwrapping.

The Unwrapper can be delivered with an integrated robotic cell for further handling of goods individually or layer-wise.

Ideal for the following goods on pallets:

- Plastic containers
- Jerry cans
- Drums
- Bottles
- Glass
- Other unstable products



Find out more on our website
by scanning the QR code.

VARO Unwrapper Control with integrated depalletizing at a customer in Scandinavia



Leuze electronic

Test center

Test our technology with your own pallets!

VARO has a test unit where you can test the technology with your own pallets and goods.

Please contact us for more Information.



Do you want to know more?

Contact us or scan the QR code on your phone to visit our website
www.varounwrapping.com

VARO
Sletten 8, 8543 Hornslet
Denmark
Tel.: +45 86 99 44 00
E-mail: varo@varo.dk
www.varounwrapping.com



**SAY GOODBYE
TO MANUAL
CUTTING**

