

OCTOPUS

B/BF/BTS/BFTS



OCTOPUS

The reliable and economical solution for pallet load wrapping

Because Octopus machines are built on a modular concept their basic structure is the same. So elements can be added to satisfy requirements set by capacity, product protection and stability, from simple to demanding packing solutions.



Product pallets of different heights and sizes (e.g. Chep, Euro, $\frac{1}{2}$ and $\frac{1}{4}$ pallets) can be wrapped automatically. Product wrapping tension is the same whatever the size and shape of the pallet.



Octopus is well proven extremely durable and reliable. Its construction means bearings for the rotating ring can be stationed at several points. PU-plated steel bearings and the ring lifting belts reduce the need for maintenance. Octopus machines are quiet in use.



Octopus can be fitted with automatic top sheet equipment for dustproof or waterproof wrapping. The equipment is integrated into the frame construction and so occupies just a little space, and the top sheet is accurately placed on the product pallet.



The wrap cycle start and heat seal height for wrapping can be chosen freely, within the requirements set by the product pallet. Thanks to its ring wrapping structure, Octopus is also well suited to wrapping light and unstable product pallets.

Film prestretch and secondary tightness control

The Octopus Power Pre Stretch carriage carries an efficient pre-stretch device and has continuous control of secondary film tension. Wrapping tension as set by the operator around the product remains constant whatever the size and shape of the product, even at high pre-stretch.

Minimized packing costs

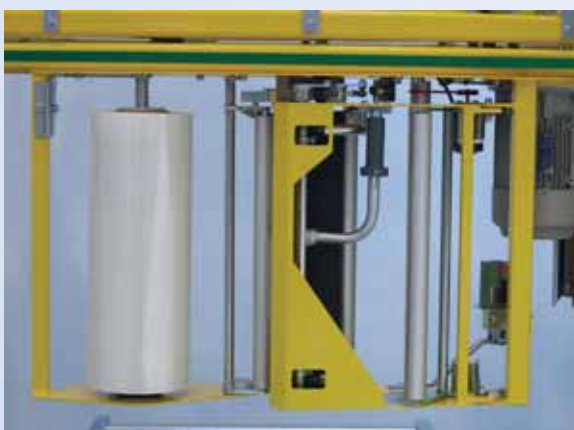
The Power Pre Stretch film carriage feeds the film evenly with a pre-stretch factor up to 300%. At the same time, wrapping tension around the product can be steplessly adjusted to meet the requirements set by the product. Octopus produces a cost-effective package accounting for the customer's film qualities and thickness. The Octopus makes it easy to calculate film consumption once you know the dimensions of the product pallet and number of wrapping layers.

Meeting the requirements set for product protection and transportation

The shape, weight and palletizing pattern of the product to be packed and delivery to the end customer set requirements for product protection and stability. Octopus ensures the customer receives the product pallet in the condition it left the production facilities. It is possible to set two different tensions for each wrapping program (10 programs as standard). Product-specific wrapping tension makes for optimized product pallet stability and reduces any reclamations resulting from transportation.

Operation of packing equipment and material in production

During a single wrapping cycle, Octopus uses different wrapping tensions at the start, during wrapping and for the heat seal layers. Starting and film sealing are carried out at a preset standard tightness, and the product pallet is wrapped at a program-specific wrapping tension.



User-friendly Easy Load makes changing the film reel simple and faster.



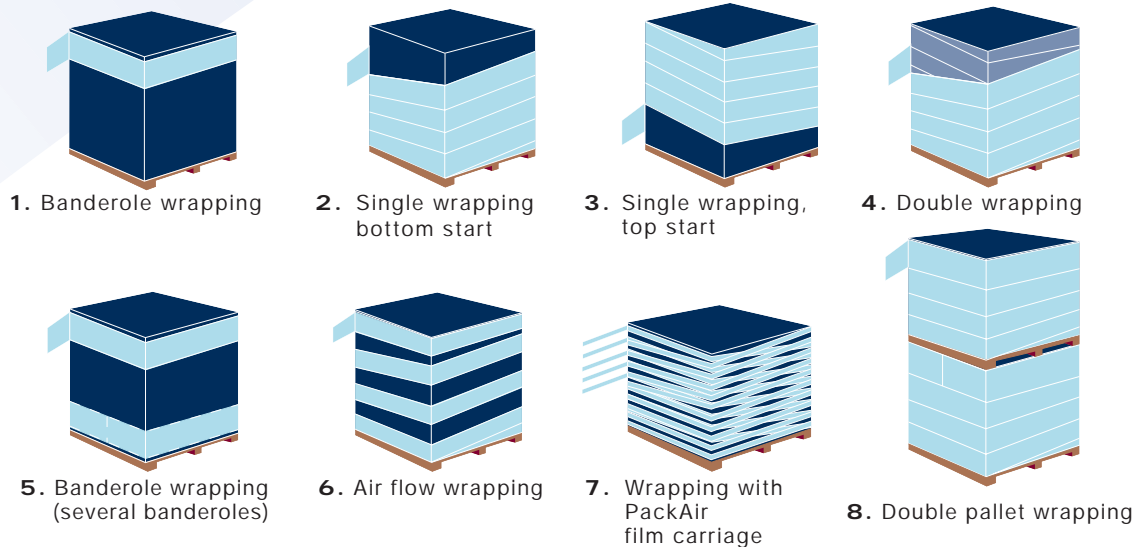
An automatic film reel changer is an optional feature for the Octopus. A two reel changer is pictured here (RCSII).

Many products – one wrapping machine

Different industries and products set certain requirements for product packing: the shape and size of the product pallet, temperature of product and production space, production capacity, automatic storage systems and so on.

The standard features and options on Octopus machines combine with customer-specific applications for the solution to simple as well as more demanding wrapping applications.

Wrapping per pallet requirements:



Counter plate seaming unit

The counter plate seaming unit is a standard feature on Octopus machines. It means sealing against the counter plate not the product, resulting in a sound and durable seal regardless of the shape and size of the product pallet.

The film is heat sealed throughout its width with no narrowing or wrinkling. No loose pieces of film are left in the product pallet after cutting the film, which enables e.g. the placement of product pallets in automatic warehouses. The stretch wrapping is cut with a maintenance-free cutting element.

Heat seal height and wrapping start height can be infinitely adjusted in the wrapping program as per the requirements of the product pallet.

Standard options

The Octopus machine has a wide range of standard options for product pallet wrapping, including:

- Load stabilizer and top sheet blowing unit
 - Top sheet reel lift
 - Double top sheet unit selection with product pallet size measurement
 - Pre-alarm for film reel end
 - Automatic film reel changer
 - Automatic corner post device integrated into Octopus
 - PackAir carriage decreases condensation in the product pallet
 - Logo Wrap carriage for printed stretch film
 - Film roping for greater product to pallet retention
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Haloila - expert partner



Haloila, Octopus plant

Haloila Oy is the world's leading manufacturer of wrapping machines. The company has produced different types of semi and fully automatic wrapping machines for pallet loads since 1976.

The first fully automatic Octopus wrapping machines were delivered in 1983 and the company has supplied more than 2,000 for different packing facilities since then. Octopus continues to be a pioneer in reliability and wrapping techniques as it has done for more than 20 years.

Haloila is a reliable and secure equipment supplier into your future.

Serial Production



Octopus testing facilities

Octopus machines are assembled in serial production.

In cooperation with its customers, Haloila has also developed a wide range of solutions as standard Octopus options. The machines are built to meet customer-specific requirements following a joint design process.

Serial production secures high-quality products, reliable deliveries and short delivery times.

Cooperation is important to us

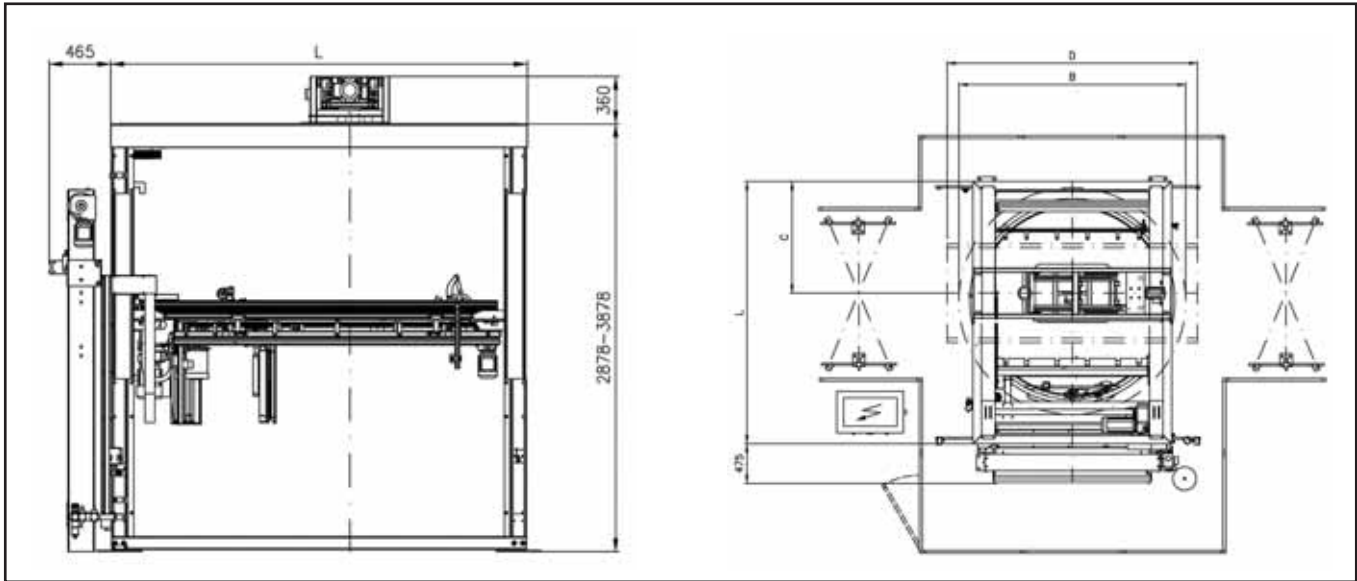


ITW Mima Service, maintenance van

Your complete wrapping solution does not end with equipment delivery. Our goal is to work as a cooperative partner with our customers throughout the lifespan of the equipment.

The principal task of Haloila's maintenance organization, ITW Mima Service, and that of our authorized dealers, is to provide quick and flexible maintenance service and knowledgeable technical support.

We draw up customer-specific preventive maintenance programs and upgrade the delivered machines according to customer needs.



The Octopus 1800 models:

- B= Basic model Octopus (23 rpm)
- BF= Octopus with frequency controller (44 rpm)
- BTS= Octopus with top sheet pulling device
- BFTS= Octopus with frequency controller and top sheet pulling device

Max pallet diagonal (mm)

Octopus 1800	B	BF	BTS	BFTS
	1800	1800	1800	1800

Technical specification

Capacity: 10-120 pallets/h, depending on pallet height, machine size and type, wrapping programme and conveyor speed

Transport dimensions:

Octopus 1800 B/BF	3400x2470x2860 mm (LxWxH), 1450 kg
Octopus 1800 BTS/BFTS	3700x2470x2860 mm (LxWxH), 1550 kg

Stretch film reel:

Width:	500 mm
Max diameter:	300 mm
Core diameter:	76 mm
Max. core length:	515 mm
Stretch film thickness:	12-30 μ
Top sheet film max. width:	1800 mm
Top sheet film reel max. diameter:	300 mm

Max. power requirement:	5,0 kW
Voltage:	3x400 VAC/50Hz
Control voltage:	24VDC
Compressed air:	0.6 Mpa, max. 9l/cycle
Noise level:	<76dB (A)

Machine dimensions (mm)

model	L	B	C	D
1800	3150	2720	1340	3000