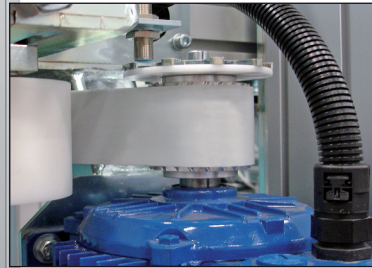
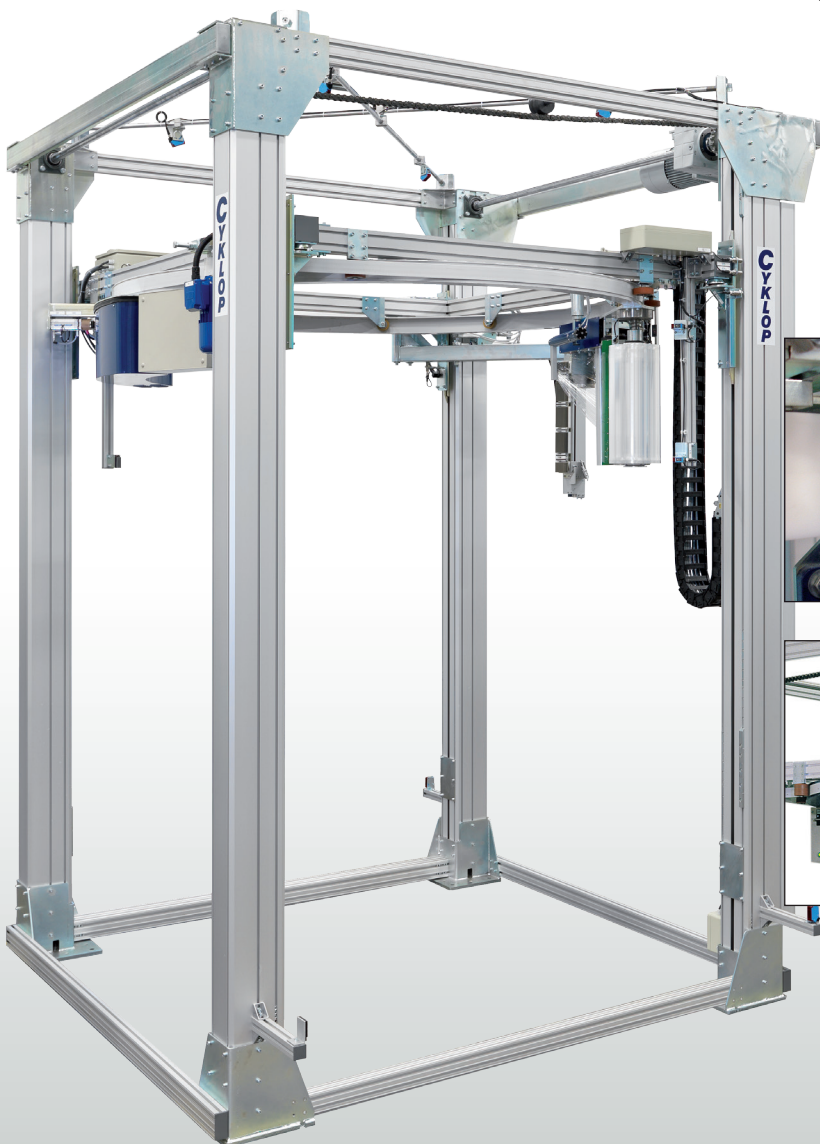


Stretch Wrapper GL 2000

Fully Automatic Ring Wrapper





Stretch Wrapper GL 2000

The stretch wrapper GL 2000 has been developed in order to meet the ever-increasing demands of the Industry. The GL 2000 is very fast, flexible and can process variable sized packages including products that don't fill a whole pallet.

Other features include, amongst others, the variable pre-stretch and application tension in each wrapping programme. Four different wrapping programmes are already programmed for different types of packages and can be selected manually on the control panel or via the optional remote control. Individual settings can be created for each programme over the operator's functional keys.



Advantages:

- Easy operation
- Programmes can be individually compiled
- High capacity and long life
- Very little maintenance required
- Constant wrapping results

The GL 2000 is equipped with a unique system in which the entire film unit is battery operated. This means that the ring operates without a maintenance intensive slip-ring.

The charging of the batteries takes place whenever the ring is stationary.

Low film consumption

- With patented **POWER ECOSTRETCH⁺** system up to 300% stretching.
- The chosen pre-stretch ratio remains constant which guarantees a consistent low film consumption, load for load.
- Film carriage speed is individually adjustable to minimise the film overlap.

Uniform wrapping results

- Flexible setting possibilities enable it to reach optimal results for variable package sizes.
- Also packages with irregular measurements can be securely wrapped thanks to automatic pre-stretch.

Easy to operate

- Intuitive and symbol supported menu.
- Fast and simple exchange of film roll.

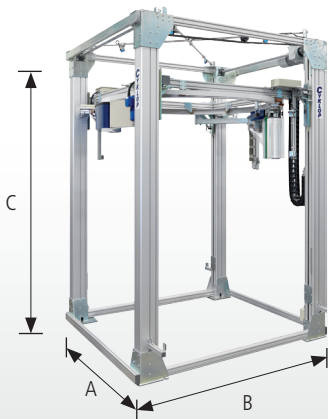


Stretch Wrapper GL 2000

Specification and dimensions, standard machine

Wrapper	Capacity	60 - 120 pal./h
Electrical data	Operating voltage	3 x 400 V+N+PE, 50 Hz
	Total power rating	4 kW
	Protection class	IP 54
Pneumatic data	Air supply	6 bar
	Air consumption	Approx. 10 l/wrapping cycle
Stretch film	Core diameter	76 mm
	Outer diameter	250 mm
	Film width	500 mm
	Film thickness, Cyklop-film	20 µm
CE-mark		EN 60204
Weight		1,200 kg
Wrapper according to machine regulations 2006/42/EG		

Dimensions



Measurements	Standard
A	2,800 mm
B	2,400 mm
C	3,780 mm

Measurements of the standard machine packaging:
L=3,800 x W=2,400 x H=2,850 mm.
Weight 2,000 kg.

Load dimensions (mm)

Measure-ments	Pallet min.	Pallet max.
Width	400	1,200/1,400*
Length	600	1,200/1,000*
Height	500	2,500*
Weight	< 100 - 1,500 kg	

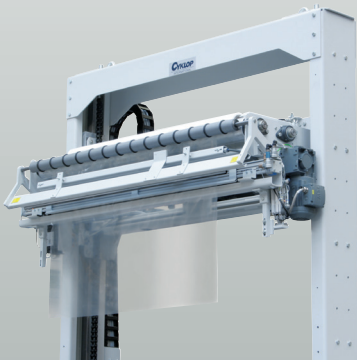
* Options for larger pallet loads are available

Options:

- Top platen
- Knurling wheel
- Film sealing system
- Larger pallet sizes
- Special colour (single colour)
- Machine base for varying conveyor heights
- Pallet feed and exit 90°
- Automatic height detection
- Photo-cells for in-feed and exit control
- Pallet squaring device
- Conveyor control within the GL 2000
- Film roll detection
- Connection with Cyklop top sheet dispenser
- Safety barriers with door and light barriers
- Lift for film for easy inserting in the wrapper

Options should be ordered with the machine.
The possibility of a conversion later on, has to be reviewed first.

Accessories



Fully automatic top sheet dispenser CI 1110-M

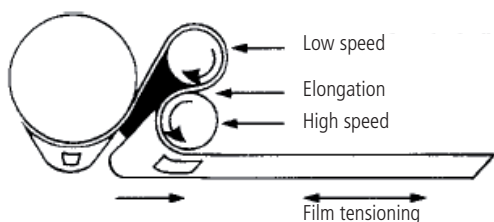
The top sheet dispenser CI 1110-M can be combined with all stretch and strapping machines. Among its special features:

- The film can be positioned when the conveyor is moving
- Automatic adaptation to the height and length of the load
- Fast and simple roll exchange

The top sheet may be printed and serves as an economical advertisement.

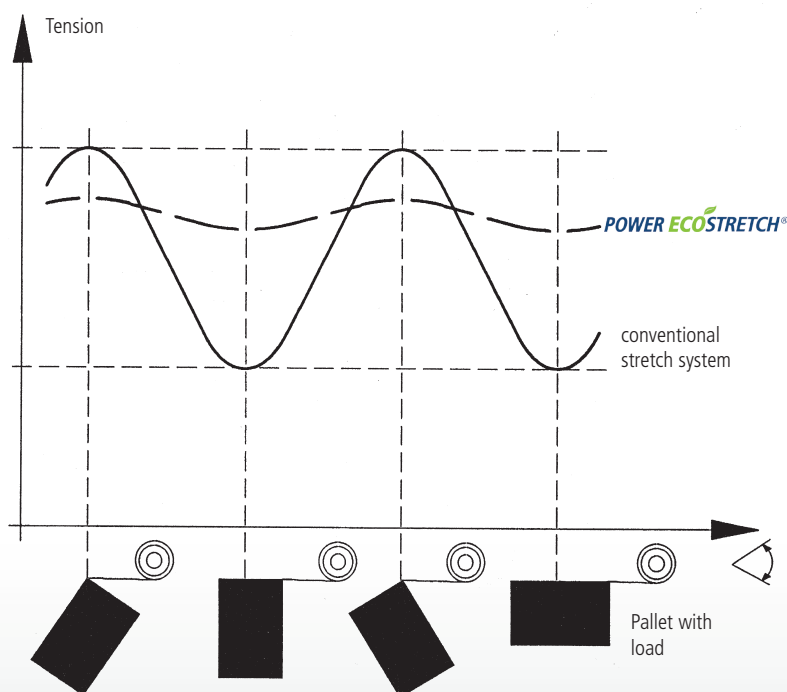
Cyklop - Film pre-stretch system

Just before the pallet is wrapped the film has to be pre-stretched in order to ensure that pallet loads are effectively secure. Cyklop offers such a solution, which guarantees that the pre-stretch and application force remain constant, regardless of the shape of the load and wrapping speed.



The patented Cyklop **POWER ECOSTRETCH®** - system ensures a constant exchange between the rollers with an elongation of between 6% and 400%. The choice of stretching depends on the film quality, type of load and the rotational speed.

A constant film tension remains, with the advanced electronic of the **POWER ECOSTRETCH®** - system, even with a very high rotational speed and high stretching (between elongation unit and pallet), regardless of the shape and size of the pallet. The application force is chosen depending on the type of product. It is better to use a light application force for



light and delicate products, heavier and less sensitive products can tolerate a high application force.

Conventional stretching systems only have low strength with a high film consumption.

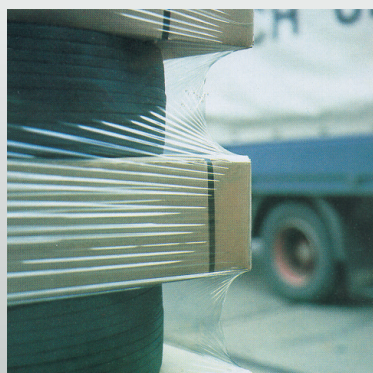
The PowerEcoStretch system ensures a controlled pre-stretching of the film. Elongation is carried out between two rollers which are connected by a gear mechanism.

Because the load rotates the film is not evenly stretched, this is recognised by sensors that control the speed of the two rollers with the help of two motors.

The tensile force in the film is evened. This makes an stretching of up to 400% possible.

With both methods, pre-stretch and evening of the different stretching forces means a considerable saving in film, a higher holding force can

be accomplished and also tearing at the corners can be avoided. The pallet load is herewith optimally and economically secured and stabilised.



An even tension is accomplished due to the **POWER ECOSTRETCH®** system.

The film does not tear on the corners of the load.