

Semi-automatic stretch wrapper

Model: F1400

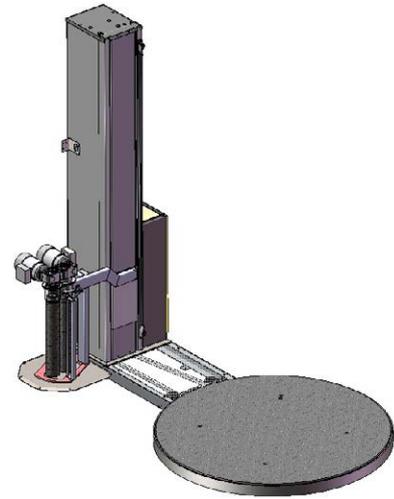
Sustainable packaging with 40-60% less plastic consumption

- › Handles the thinnest film on the market at 10 μ
- › Stretches the film up to 400% in the individual winding phases
- › Operationally efficient, with up to 30 pallets per hour
- › Danish craftsmanship and design ensure the lowest TCO on the market
- › Reduces unnecessary workflows with user-friendly and flexible management
- › 24/7 support from the service center.



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Construction

The machine tower is built over a strong, stable and robust steel construction, directly mounted on a base frame with full enclosure to minimise the risk of pinch hazards.

The turntable is directly powered between the gear motor and the turntable bearing, diameter 1050 mm. Lubrication over pipes, is easily accessible and maintenance-friendly.

The turning motion is controlled by a frequency inverter, which allows variable speed and soft start/stop.

CONSTRUCTION

Capacity	30 pallets/hour
Pallet size	800/1000 x 1200 mm (EU/UK pallet)
Machine weight	600 kg
Dimensions	2765 x 1650 x 2595 mm
Turntable diameter	1600 / 1850 / 2050 mm
Power supply	3 x 400 / 220 V / 50 Hz / N/ PE (EU) 3x480 / 60 Hz + N + PE (US)
Max. power supply	CEE 16A
Power output	1,1 kW
Wrapping height	2300 mm
Max. loading weight	1500 kg

Film

Handles all known standard film types. Empty film rolls can be easily replaced without the use of tools.

FILM

Film thickness	10-25 µm
Width (Film)	500 mm
Diameter (Film core)	76 mm
Weight (Film roll)	approx. 17 kg

Film carriage

Runs with all known standard film types.

FILM CARRIGE

Pre-stretch	0-400%
Number of bottom/middle/top wraps	0-6
Film overlay	0-50%
Variable speed of film carriage	
Adjustable film tension and film volume	
Start, reset, pause, and emergency stop buttons	

Turntable

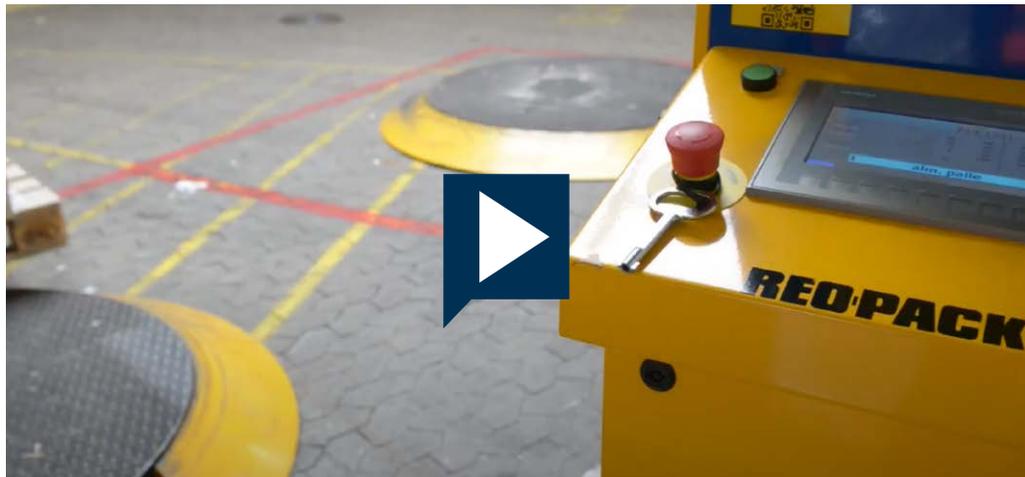
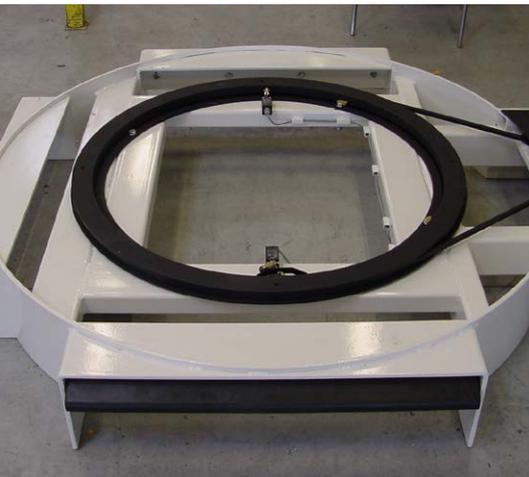
The product is placed on a turntable for wrapping. Different options for the desired product size and pallet lifts are available upon request.

The turntable is a replaceable bearing configuration that ensures easy service and reliable, smooth operation.

The drive is based on a simple and reliable belt driven design that is easy to tension.

TURNTABLE

Type	Smooth top
Diameter (turntable)	1600 mm
Diameter (bearing support)	1050 mm
Height	65 mm
Speed	3-12 rpm
Bearing support	Gear wheel
Pull	Belt-driven
Fixed start/stop position	
Soft start/stop	



[See the wrapper in action here](#)

Frequency-controlled belt drive with tensioning bracket for rotation of the turntable.

Control

The machine's intelligent film control makes it possible to gain 100% control over all parameters in the wrapping phases. This is done via an operator panel or through signal exchange and applies to speed, film tension, film volume control and density of film overlay. It optimises film consumption and load safety on all types of pallets.

Status and error messages appear in plain text on the operator panel. Driving and positioning can be set manually.

CONTROL

Control	PLC
Film programs	Individually adjustable
Operator panel with buttons	
Start, reset, pause, and emergency stop buttons	
Manual operation with foil carriage and turntable	

Options

We can customise the stretch wrapper with the following options:

OPTIONS

- Fork cut in different diameters
e.g. Ø 1800 mm

- Turntable with automatic start and welding

- Loading ramps

- PLC/OP: Simatic S7-1200 and KTP7 m. 6 wrap programs

- Roller or chain conveyor on turntable

- 2 dual plates on one machine for minimal waiting time

- Customised wrap programs

- Touch-screen control panel provides quick access to 6 wrap programs

- Flip-facing execution for reduced space

- Galvanised/Stainless steel finish

- Dual motorised control of film pre-stretch and film volume

- Pallet weight +2000 kg

- Larger turntable up to 2800 mm

- Casting frames

- Extra pallet height/tower height e.g. 2800 mm

- Motor controlled holding plate different types

- Heat in control cabinet

- Cold store environment (-28 °C)

- Turntable with built-in scale

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