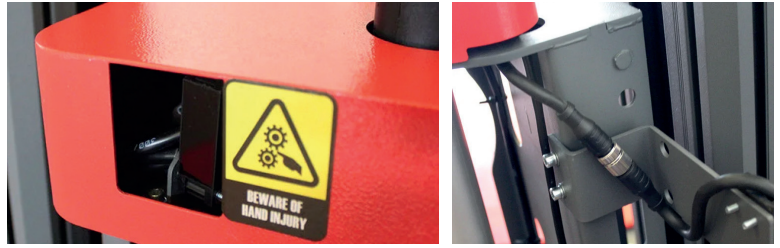


PALLET WRAPPING MACHINE



SEMIWRAP 100

H Pallet Wrapping Machine with Stretch Film

The Semiwrap 100 pallet wrapping machine offers an excellent performance-to-cost ratio. It is a semi-automatic wrapping machine suitable for all standard applications, thanks to its ability to configure and store up to 8 different operating programs.

The model features an integrated control system that, via a 7.2" color touchscreen, visually alerts the operator to any anomalies or faults that may occur during the wrapping cycle.

It also includes a signal light tower at the top of the column, allowing the operator to know immediately, even from a distance, whether the machine is running, paused, or in a fault or emergency state..

Technical details

- Machine structure in steel and aluminium
- Aluminium extrusion column hinged at the base of the machine for a fast installation
- Carriage activated by a double driving chain
- Machine equipped with an integrated pc board controlled by touch screen 7.2"
- Emergency stop device in compliance with the CE regulations
- 3 colors luminous alarm device at the top of the column
- Error solutions by touch screen
- Start, stop and reset activated by touch screen or button
- Stretch film tension by mechanical brake carriage
- Emergency stop in compliance with the CE regulations
- Machine in operation reset button in compliance with the CE regulations



Film roll features

- Film roll external diameters: 280 mm
- Film roll height: 500 mm
- Film roll thickness: 12 – 35 µm
- Film roll internal diameter: 76 mm
- Film roll max weight: 16 kgg

Technical details

Installed power	1,2 kW
Turntable speed	0 – 12 rpm
Carriage up / down speed	0,1 – 5,9 m/min
Turntable diameter	1500 mm (standard))
Net machine weight	450 kg
Product dimensions (L x W)	800 x 1200 mm
Max product height	2200 mm
Max product weight	1500 kg

- Soft start and indexed stop of the turntable
- Statistics, times and number of wrapped pallets
- Manual mode wrapping cycle
- Wrapping cycle restart after error recovery or stretch film roll change

Parameters adjustable by control panel

- Number of wrapping cycles
- Turntable rotation speed from 0-12 rpm.
- Adjustable photocell delay for the film overlap
- Number of wrapping rounds at the top and at the bottom of the pallet
- Carriage up and down speed (separated) 0- 5,9 mt/min

Cycles activated by control panel

- Ascending and descending carriage cycle
- Only ascending carriage cycle
- No. 6 recallable cycles from the control panel for different products to be wrapped

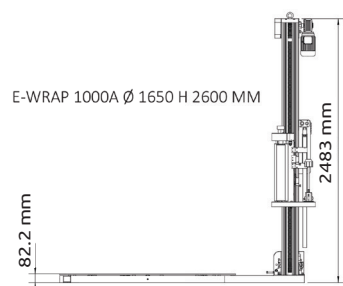
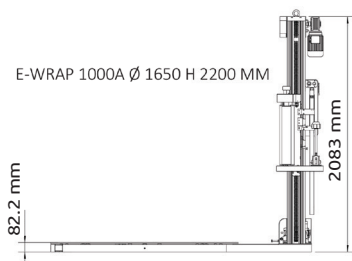
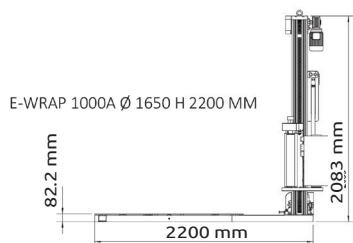
Optional

- Turntable diam.1650 mm (for pallet of 1000 x 1200 mm)
- Access ramp (for turntable diam. 1500 mm)
- Access ramp (for turntable diam. 1650 mm)
- High column for a useful wrapping height of 2600 mm
- Photocell to detect black products

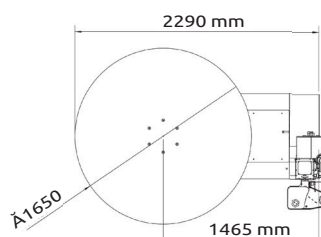
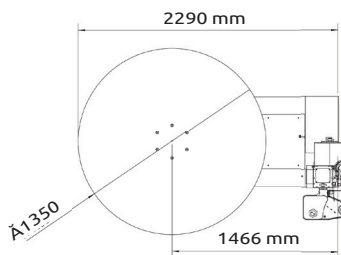
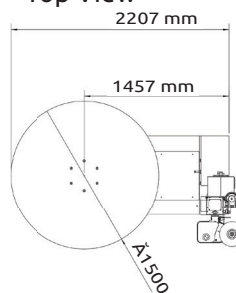


MACHINE DESIGN

■ Side View



■ Top View





Film roll features (SEMIWRAP 200 and SEMIWRAP 300)

- Film roll external diameters: 280 mm
- Film roll height: 500 mm
- Film roll thickness: 12 – 35 µm
- Film roll internal diameter: 76 mm
- Film roll max weight: 16 kg



SEMIWRAP 200/ 300

SEMIWRAP 200 is a semi-automatic machine for stretch-film wrapping of palletized loads: with the possibility to adjust the film tension by means of a mechanical brake or motorized prestretch, soft start of the turntable by inverter, manual or automatic working cycle, the possibility to adjust the number of upward and downward rounds of the pallet. The machine is equipped with PLC and digital color display 7,2".

Technical details

- Machine structure in painted steel sheet
- Column hinged at the base for easy and quick installation
- Film carriage and turntable by transmission chain
- Machine controlled by PLC and color touch screen 7,2"
- Safety stop device at the base of the carriage in compliance with the CE regulations
- Lock/unlock brake device for easy film hooking to the pallet
- Acoustic warning with light signal at the start cycle
- Film tensioning by mechanical brake (SEMIWRAP 200)
- Motorized pre-stretch set at 200% with possibility to interchange pre-stretch ratio 100%, 150%, 250% (SEMIWRAP 300)
- Automatic film cutting at the end of the cycle (SEMIWRAP 300)
- Emergency stop in compliance with CE regulations
- Reset button in compliance with CE regulations

Technical details

	SEMIWRAP 200	SEMIWRAP 300
Carriage	Mechanical brake carriage	Powered pre-stretch film carriage
Installed power	1 kW	1,25 kW
Turntable speed	0 – 12 rpm	0 – 12 rpm
Carriage up / down speed	1,4 – 4 m/min	1,4 – 4 m/min
Turntable diameter	1500 mm (standard)	1650 mm (standard)
Net machine weight	600 kg	600 kg
Product dimensions (L x W)	800 x 1200 mm	1000 x 1200 mm
Max product height	2200 mm	2200 mm
Max product weight	1500 kg	2000 kg

- Front and back holes for forklifting
- Inverter for soft start and indexed stop of the turntable
- Cycle counter
- Manual machine working mode

Parameters adjustable by control panel

- Number of rounds at the bottom of the pallet (start cycle)
- Number of rounds at the top of the pallet
- Number of rounds at the bottom of the pallet (at the end of the cycle)
- Adjustment turntable speed from 0 to 12 rpm
- Adjustment ascending carriage speed
- Adjustment descending carriage speed
- Adjustable number of ascending and descending cycles
- Adjustable turntable indexing time
- Adjustable photocell delay
- Adjustable film cut parameters (SEMIWRAP 300)
- On/off automatic cutting film (SEMIWRAP 300)

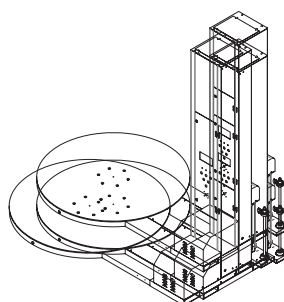
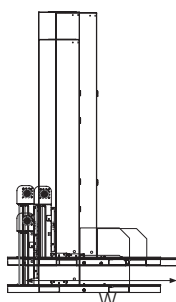
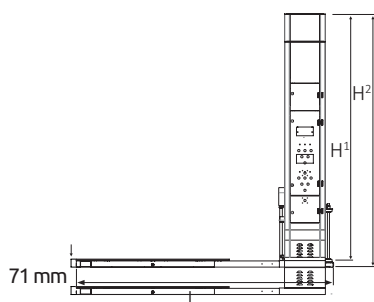
Cycles activated by control panel

- Ascending and descending cycle
- Only ascending cycle
- Reinforce cycle at a programmed height (ascending cycle, ascending/descending cycle)
- Altimeter cycle (pallet height setting) to detect the pallet excluding the photocell
- Top sheet cycle (ascending/descending)
- N° 10 programmable cycles by touch screen according to the product/pallet to wrap

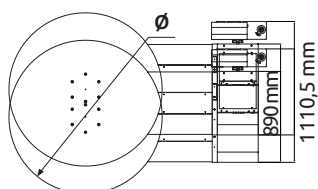


MACHINE DESIGN

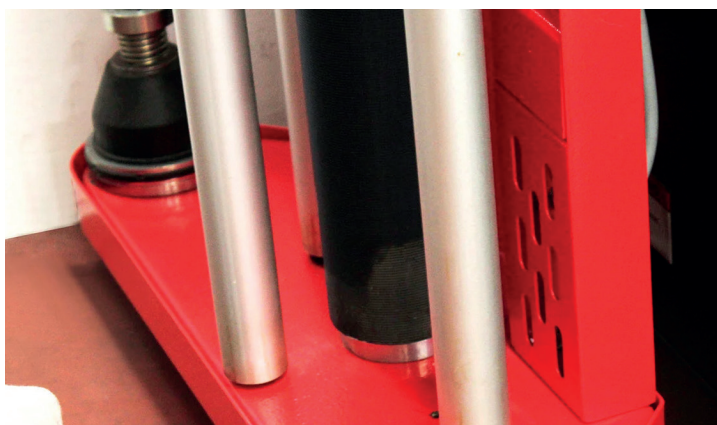
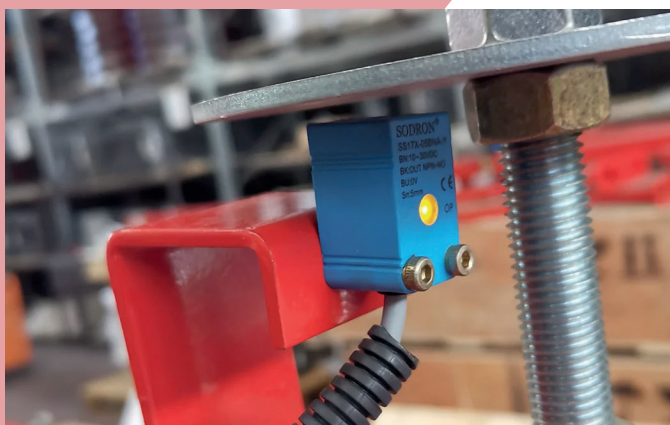
■ Side View



■ Top View



DIAMETRO PIATTO TURNABLE DIAMETER			ALTEZZA COLONNA MAST HEIGHT	
Ø	L	W	H ¹	H ²
1500	2520	1500	2400	2471
1650	2670	1650	2700	2771
1800	2820	1800	3000	3071
2000	3020	2000	3200	3271
2200	3220	2200	3400	3471



SEMIWRAP 400/ 500

Model SEMIWRAP 400 is a semi-automatic machine for stretch-film wrapping of palletized loads with electric top press. Possibility to adjust the film tension by means of a mechanical brake or motorized prestretch, soft start of the turntable by inverter, manual or automatic working cycle, the possibility to adjust the number of upward and downward rounds of the pallet. The machine is equipped with PLC and digital touch screen display 7,2".

Technical details

- Machine structure in painted steel sheet
- Electric top press
- Film carriage and turntable by transmission chain
- Machine controlled by PLC and color touch screen 7,2"
- Safety stop device at the base of the carriage in compliance with the CE regulations
- Lock/unlock brake device for easy film hooking to the pallet
- Acoustic warning with light signal at the start cycle
- Film tensioning by mechanical brake (SEMIWRAP 400)
- Motorized pre-stretch set at 200% with possibility to interchange pre-stretch ratio 100%, 150%, 250% (SEMIWRAP 500)
- Automatic film cutting at the end of the cycle (SEMIWRAP 500)
- Emergency stop in compliance with CE regulations
- Reset button in compliance with CE regulations
- Front and back holes for forklifting
- Inverter for soft start and indexed stop of the turntable
- Cycle counter
- Manual machine working mode



WATCH THE VIDEO
SEMIWRAP 400

Technical details
SEMIWRAP 400 / SEMIWRAP 500
 Mechanical brake film carriage / Film carriage
 with motorized pre-stretch system

Installed power	1 kW / 1,25 kW
Turntable speed	0 έως 12 rpm
Carriage up / down speed	1,4 έως 4 rpm
Turntable diameter	1650 mm στάνταρ
Net machine weight	700 kg
Product dimensions (L x W)	1000 x 1200 mm
Max product height	2300 mm
Max product weight	2000 kg

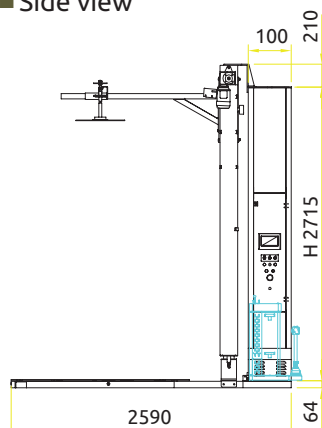
Film roll features

- Film roll external diameters: 280 mm
- Film roll height: 500 mm
- Film roll thickness: 12 – 35 μ m
- Film roll internal diameter: 76 mm
- Film roll max weight: 16 kgg

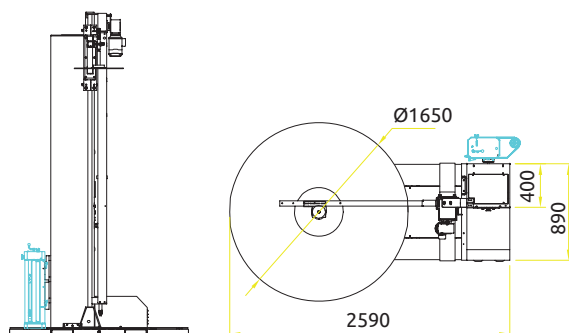


MACHINE DESIGN

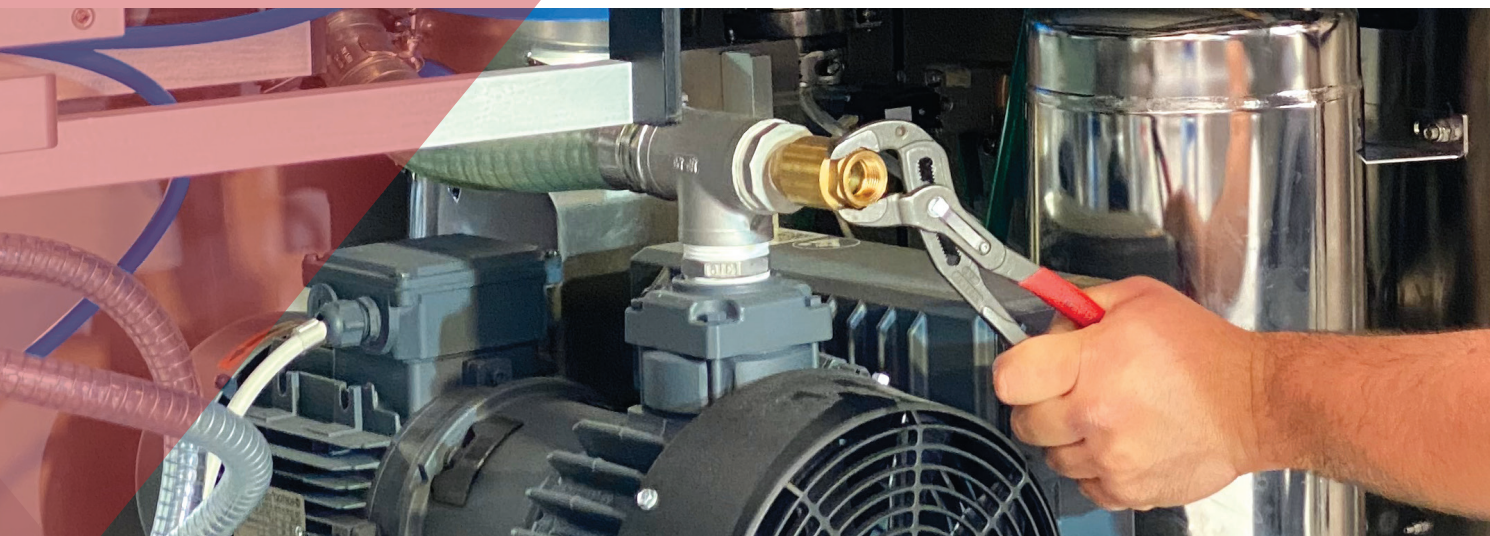
■ Side view



■ Top view



AFTER SALES



After Sales

Kapelis Packaging provides a set of professional services to its customers to fully meet their requirements, from first contact and installation to machine training and after sales service.

Our technicians possess many years of experience in packaging machines. They participate in continuous training activities both in Greece and abroad, while they are certified by the cooperating manufacturing companies for maintenance and installation of packaging machinery that we offer.



Maintenance and Spare Parts

The company strives to provide immediate and effective solutions, offering comprehensive maintenance contracts that ensure regular checks and proper operation of each machine.

A large stock of spare parts is available in order to repair and restore any breakdown immediately, effectively reducing any lost production time.



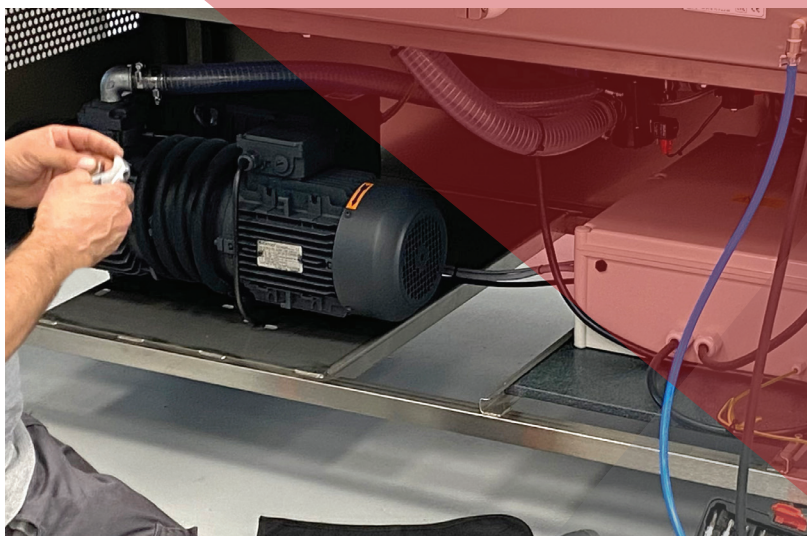
Preventive Maintenance Agreement

As part of its continuous service upgrades and the expansion of its after-sales service, Kapelis Packaging now offers specially tailored machine maintenance contracts in accordance with the manufacturer's specifications.

With customized programs based on your machine's productivity, your products, your site conditions, and your production requirements, the Kapelis Packaging team offers a comprehensive proposal for periodic inspection, preventive, and corrective maintenance of your packaging machine(s), providing multiple benefits and advantages for your production, such as:

- Early detection/prevention of wear and tear, and consequently, avoidance of breakdowns with higher final repair costs.
- Reduced downtime (scheduled maintenance can be carried out at times set by the Production Manager).
- Advance notice of upcoming spare parts replacement costs, with parts kept in stock according to requirements.
- Priority for urgent, unscheduled service calls.
- Assignment and retention of a dedicated Kapelis Packaging technician, ensuring continuity and a complete history for each machine.
- Increased productivity, reaching 100% of the equipment's capabilities.
- Significantly lower cost (up to 35%) compared to standard technician rate lists, along with a discount on spare parts.
- Minimized risk of unexpected breakdowns during production or periods of increased demand, protecting against the risk of missed scheduled product delivery agreements.
- Ongoing training for staff operating the machinery.
- Provision of technological and mechanical support for developing your company's applications and optimizing processes, with the opportunity for supplementary operator training.
- Extended equipment lifespan.

Contact us to build the maintenance plan that fits your needs!



The preventive maintenance contract does not replace the current cleaning and maintenance procedures carried out according to our instructions and those of the manufacturer. It operates in addition to these procedures, offering further assurance of the uninterrupted operation of your equipment and production.



Dedication in Innovation



www.kapelis.gr | T: 210 6028770 | E: info@kapelis.gr
Zinonos 11, 19441, Koropi, Industrial Area, Attica
G.E.MI : 2373401000

