OneWrap

The versatile solution

SEMI-AUTOMATIC STRETCH WRAPPER MACHINE

100% MADE in ITALY

OneWrap

OneWrap is a semi-automatic machine to wrap palletized loads with stretch film. It provides versatile opportunities from essential level to moderate level usage. Starting from carriages with basic mechanical brake, up to the motorized Pre-Stretch version: **OneWrap** offers the right solution for most common pallet wrapping needs.

A sleek and modern design of the panel with easily understandable icons.

OneWrap can be programmed with 10 different programs, allowing consistent wrapping cycle for a given product. The machine has 5 different modes of operation:

· Automatic Up Only & Up & Down
· Automatic Up Only & Up & Down with Pause for top sheet
· Manual Mode.

- Different speed of the carriage in ascent and descent phase.
- Top sheet application cycle with programmable amount of carriage descent before pause (time delay).
- Overwrap amount programmable from the panel (time delay)
- Reinforcement loops independent from the turntable speed (real count of loops).
- Cycle can be stopped at any point and then continued, useful for corner protection application.
- Large display with two digits visualize parameters to be adjusted, speeds, number of loops, film tension, overwrap, times, top sheet descent level as well as error code display.

OPTIONS & ACCESSORIES

» Photocell for dark or reflective surfaces
» Standard ramp; L = 1.490mm
» Elongated ramp; L = 1.870mm (for loading pallet truck)
» Pit-frame for installation at ground level
» Film cutting punch (only on LP-carriage)
» Carriage for net-film
» Weighing system with control keyboard
» Low temperature version (-20°C)
» Stainless steel version

Turntable diameter 1500 mm - 1200 kg. max

Loading ramp

Integrated weighing system

Burial frame

KEY FEATURES

» Different turntables, carriages and column available.
» Belt driven carriage.
» Two forklift access point for machine easy repositioning.
» Pallet height photocell.
» Reclining column hinged to the base facilitates installation and possible repositioning.
» Turntable blocking feature to avoid movements during loading/unloading operations.

CONTROL KEYBOARD
» User friendly icons jog selector for quick parameter set-up
» 9 + 1 customizable programs
» Semi-automatic and manual working mode
» Individual speed for Up/Down carriage movement
» Separated set-up for Top and Bottom reinforcement wraps
» Emergency push-botton according to regulations

NEW panel is divided in 4 main areas:

1
Section for mode of operation selection

2
Parameter setting for cycle characteristics
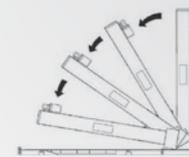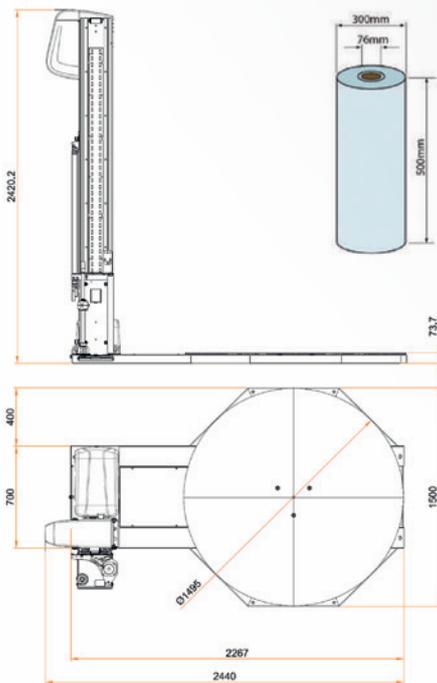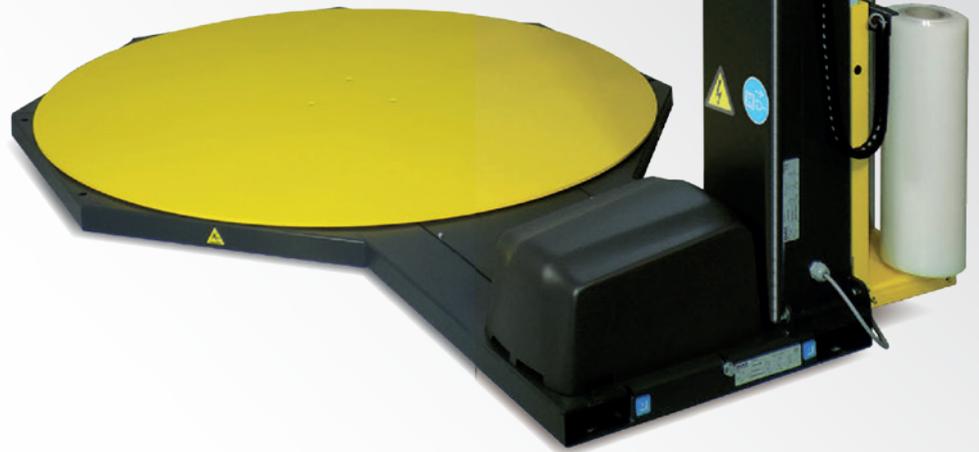
3
Display area with selection arrows

4
Section for start/stop/homing and power switch, ready and emergency stop

Type	LP	SM	FM	M	EM
Description	Powered Pre-Stretch	Mechanical Pre-Stretch	Electro-Magnetic Brake	Mechanical Brake incl. quick release	Mechanical Brake
Pre-Stretch level (%)	**240** / 200 / 150	90 / **60** / 30	-	-	-
Platform diamater (mm)	1.500 std. / 1.650 / 1.800 / 2.200 / 1.500 HS *(open turntable)*				1.500
Max. pallet height (mm) incl. *overlap above pallet top edge*	2.100 std. *(Low)* / 2.400 *(Medium)*				2.100
Max. pallet size (mm)	800 x 1.200 - 1.550 x 1.550 *(depending on turntable diam.)*				800 x 1.200
Max. working load (kg)	2.400 std. *(flat turntable)* / 1.200 HS *(open turntable)*				2.400
Power supply	220/240V 50/60Hz / 400V 50/60Hz / *others on request*				
Platform rotation speed	6 - 12 rpm *(adjustable)* / 5 - 10 rpm *(adjustale)* for HS platform				
Max. noise level	72,0 dB (A)				
Operating temperature	5 - 40°C				
Film roll details (max.)	width 500mm / ext.Ø 300 mm / core Ø76mm (fix) / weight 20 kg thickness up to 35 micron				
9 + 1 individual programs	●	●	●	●	●
Pre-Stretch system	●	●	-	-	-
Adjustable film tension from control panel	●	-	●	-	-
Lockable Control Panel	●	●	●	●	●
Top-Sheet function	●	●	●	●	●
Automatic height detection	●	●	●	●	●
Top edge overlap *(settable from control-panel)*	●	●	●	●	●
Auto. film break detection	●	-	-	-	-
Pausable wrapping cycle	●	●	●	●	●

Reclining column hinged to the base

Customize your OneWrap with the most suitable carriage for your loads!

M - Mechanical brake

FM - Electromagnetic brake

LP - Powered pre-stretch 240% (150%-200% - kit available as option)

SM - First pre-stretch concept applied

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The SIAT Group

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Headquartered in Northern Italy, SIAT is established as a quality leader in end-of-line industrial packaging solutions, specializing in taping, strapping and wrapping machines, as well as flexographic printing machines.

Based in Ohio (USA), Combi is a Northern American producer of industrial packaging systems, engineering and manufacturing case erectors, tray formers, case sealers, case packers, robotic packaging systems, and ergonomic monoblock hand-packing stations.

COMBI

TAM
Located in Northern Italy, Tam has been producing small metal parts and providing precision machining services for over 30 years.

For over 50 years, we have been manufacturing high-tech equipment and are proud to be recognized by our customers as among the leading brands in packaging machinery and components. Our solutions are utilized across various industries, including food and beverage, e-commerce, logistics, packaging, and consumer products.

Our machines are designed to:

Increase customer productivity
Our machines boast an average life of 25 years, while our customers pay off their investment in only 4 to 5 months.

Total lower cost of ownership
Our machines are designed for easy maintenance and simple installation. They are developed to be user-friendly and durable, while also being easy to integrate and manage.

Reduce environmental impact
We strongly believe in pursuing this goal through our environmental approach, envisioning the future of packaging as a collaborative effort with our customers to find the most sustainable and secure solutions. Each machine is designed to consume less energy, minimize material usage, and reduce waste.

Be connected
Thanks to Optirun, the SIAT Group's IoT solutions brand, we can calculate tape and box consumption, monitor film usage, and track all machine parameters to prevent downtime.

E-commerce
Buy directly at www.shop.siat.com

Service
Contact our field service Team at servicenow@siat.com

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