

NEW



BeeWrap⁺

Pre-Stretch >>>> Productivity >>>> Robustness >>>>

DATASHEET

SAFE • STRONG • SIMPLE

Semi-Automatic Robot Stretch-Wrapper

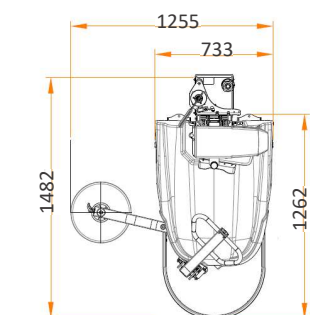
BeeWrap+ is a mobile wrapping machine used for palletizing goods with stretch film. It is suitable for heavy weight items, unusual shapes, and loads with large dimensions.

With sleek design modifications the newly upgraded features the BeeWrap+ is also equipped with new **AGM dry battery technology**. This guarantees a higher working autonomy (optional up to **400 cycles per charge**) and enhances safety within the machine!

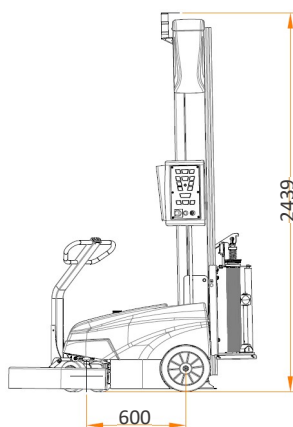
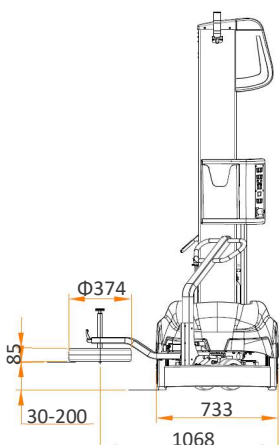
KEY FEATURES

- ✓ **Energy saving** – Automatic shutdown of the machine after 10 minutes of inactivity
- ✓ **Safety First** – Thanks to the new AGM dry battery technology there is no danger related to battery maintenance and acid leaks
- ✓ **Extensive battery duration** – Up to 250 cycles with each battery charge (Optional up to 400 cycles)
- ✓ **Easier to transport** – Thanks to the AGM technology, batteries are not subject to any transport restrictions
- ✓ **Extensive safety** – BeeWrap incorporates several safety features as standard
- ✓ **Increased production capacity** – Thanks to customized settings
- ✓ **Versatile use** – Suitable for very large and round loads
- ✓ **Flexibility** – Machine is easily moved to various locations
- ✓ **Modular system** – Meeting your individual needs
- ✓ **Easy-to-use** – Due to the simple control concept
- ✓ **CE compliant** - Engineered and produced in Italy according to EU safety standards

DIMENSIONS



Version BeeWrap⁺ – L – M
Depending on version, equipment and options, the machine dimensions may differ.



DATASHEET

Carriage type	LP
Description	Powered Pre-Stretch
Pre-Stretch level (%)	240 / 200 / 150
Max. pallet height (mm) incl. overlap above pallet top edge	2.100 std. (Low) / 2.600 (Medium)
Pallet size (mm)	min. 400 x 500 / max. 6.000 x 7.000
Min. pallet weight (kg)	20 – 55 (depending on film tension and friction)
Power supply	100 – 240 V (via on-board charger)
Rotation speed (m/min)	50 – 80 (adjustable)
Up & Down Carriage speed (m/min)	1 – 5 (adjustable)
Max. noise level	72,0 dB(A)
Operating temperature	5 – 40°C
Film roll details (max.)	width 500 mm / ext. Φ 250 mm / core Φ 76mm (fix) / weight 20 kg / thickness up to 23 microns

Features	LP
4 Automatic modes	●
9 + 1 individual programs	●
Pre-Stretch system	●
Adjustable film tension from control panel	●
Adjustable tracing wheel	●
Independent setting of rotation & carriage speeds	●
Lockable Control Panel	●
Top-Sheet function	●
No. of Top- & Bottom windings (independent settable)	●
Automatic height detection*	●
Top edge overlap (settable from control-panel)	●
Adjustable bottom overlap	●
Auto. film break detection	●
Energy saving / Auto-Off	●

* for wrapping of loads with many open spaces, the height can be programmed instead of using the height detector

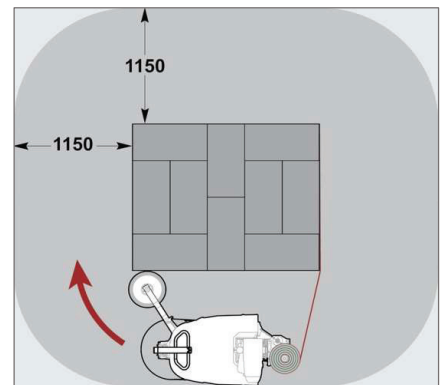
OPTIONS & ACCESSORIES

- Photocell for dark or reflective surfaces
- Film cutting punch (only on LP-carriage)
- Higher Capacity Batteries (87 Ah)
- Double tracing wheel
- Remote control
- Non-marking wheels
- Wheels for abrasive floor



WORKING FOOTPRINT

Space needed for machine rotation (not including safety area)



CONTROL PANEL



User friendly icons and jog selector for quick parameter set-up
 9 + 1 customizable program
 Semi-automatic and manual working mode
 Individual Speeds for Up/Down carriage movement
 Separate set-up for top and bottom reinforcement wraps
 Emergency push-button according to regulations

FILM CARRIAGES



BATTERY AND SAFETY

Standard AGM batteries allow up to 250 wrapped pallets per single charge*.
 AGM technology, thanks to the absence of acid, makes these batteries the most suitable for mobile applications as they are particularly resistant to vibrations.
 Charging time is around 8 hours.

Battery Specifier
2x AGM 12V 57Ah

OPTIONAL:
 Batteries with higher capacity (87 Ah). Allow to wrap up to 400 pallets with a single charge*.

BeeWrap⁺ safety features include the use of a beacon and horn during cycles as well as a safety bumper with sensors which stop the unit immediately if contact is detected.



MORE DETAILS

Videos and further information can be found on our website or SIAT YouTube channel.



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