



**SERIES 300 & 200 SEMI AUTOMATIC
STRETCH WRAPPERS**



SERIES 300 SEMI AUTOMATIC STRETCH WRAPPER

This series of stretch wrappers is designed to be used in medium to heavy duty applications using more sophisticated and expensive stretch wrap film. The "Quick Load" powered prestretch carriage was designed to allow you to reach the full potential savings offered by today's multilayered and highly stretchable films. This machine will allow you to standardize wrapping procedures and produce very consistent results. Standard prestretch is 200% with options for 260% or 300% prestretch ratios.



High Profile Machine



**Low Profile Machine
(with optional ramp)**

FEATURE DETAILS



▶ **PLC Controller & Solid State Sensors.**



▶ **Powered Prestretch with 200%, 260% or 300% Prestretch Ratios.**



▶ **Powered Prestretch Quick Load Feature.**



▶ **Optional Ramp For "SW300L40" 48" x 70." ***

Model	Capacity	Load Size	Table Height	Table Diameter	Max RPM	Std. Voltage	Ship Weight
SW300L40	4000	52 X 52	3	65	14	115/60/1	1135
SW300H60	6000	52 X 52	11	52	14	115/60/1	1215

* OPTIONAL 48" X 70" APPROACH RAMP FOR LOW PROFILE UNITS WEIGHTS 250 LBS.

SERIES 300 SEMI AUTOMATIC STRETCH WRAPPER

GENERAL FEATURES

- ▶ All steel construction .
- ▶ Fork pockets for lifting from either front or back of unit.
- ▶ Tilt down mast for secure and easy shipment.
- ▶ Optional approach ramps that can be attached on any of/or all three sides of low profile units.
- ▶ Chain drive turntable and belt drive prestretch carriage lift.
- ▶ 115 Volt single phase AC motors and drives (can be plugged in anywhere.)
- ▶ All solid state sensors for maximum reliability.
- ▶ Top of load sensing with photo eye or over-ride to a manually adjustable proximity sensor.

SAFETY FEATURES

- ▶ Auto stop carriage brake in case the carriage belt breaks.
- ▶ Slack belt detector that stops and reverses carriage descent if the carriage engages an obstruction while lowering.
- ▶ Emergency stop button.

PLC CONTROLLER FEATURES

- ▶ Turntable speed adjustment.
- ▶ Carriage speed adjustment.
- ▶ Jog features for both turntable and carriage.
- ▶ Cycle pause button (allows adjustment of load or addition of load cover.)
- ▶ Wrap count selection for top and bottom of load.
- ▶ Banding feature for extra wraps at any level.
- ▶ Automatic turntable return to home position feature.

PRESTRETCH FEATURES

- ▶ Quick film load design (no film threading necessary.)
- ▶ Adjustable "force to load" tension (see glossary of terms on page 7.)
- ▶ Force following tension control for load corner compensation.
- ▶ Automatic pause feature if film accidentally breaks.
- ▶ Powered prestretch with standard prestretch of 200% and options for 260% or 300% ratios.

SERIES 200 SEMI AUTOMATIC STRETCH WRAPPER

This series of stretch wrappers is designed to be used in medium to heavy duty applications using less expensive stretch wrap film. It is a feature rich machine which goes a long way toward automating the wrapping procedure and producing very consistent loads. The only real difference between this machine and the series 300 machine is the non powered mechanical prestretch device which is limited to an 88% prestretch ratio. This reduces the cost of the machine and is very appropriate for use with low cost films.



High Profile Machine



Low Profile Machine

FEATURE DETAILS



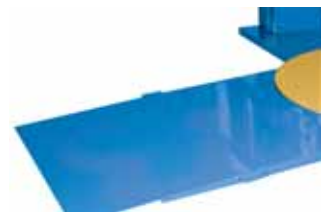
▶ PLC Controller & Solid State Sensors



▶ Mechanical Prestretch with 88% Stretch Ratio.



▶ Adjustable Photo Eye.



▶ Optional Ramp For "SW200L40" 48" x 70." *

Model	Capacity	Load Size	Table Height	Table Diameter	Max RPM	Std. Voltage	Ship Weight
SW200L40	4000	52 X 52	3	65	14	115/60/1	1090
SW200H60	6000	52 X 52	11	52	14	115/60/1	1155

* OPTIONAL 48" X 70" APPROACH RAMP FOR LOW PROFILE UNITS WEIGHTS 250 LBS.

SERIES 200 SEMI AUTOMATIC STRETCH WRAPPER

GENERAL FEATURES

- ▶ All steel construction.
- ▶ Fork pockets for lifting from either front or back of unit.
- ▶ Tilt down mast for secure and easy shipment.
- ▶ Optional approach ramps that can be attached on any of/or all three sides of low profile units.
- ▶ Chain drive turntable and belt drive prestretch carriage lift.
- ▶ 115 Volt single phase AC motors and drives (can be plugged in anywhere.)
- ▶ All solid state sensors for maximum reliability.
- ▶ Top of load sensing with photo eye or over-ride to a manually adjustable proximity sensor.

SAFETY FEATURES

- ▶ Auto stop carriage brake in case the carriage belt breaks.
- ▶ Slack belt detector that stops and reverses carriage descent if the carriage engages an obstruction while lowering.
- ▶ Emergency stop button.

PLC CONTROLLER FEATURES

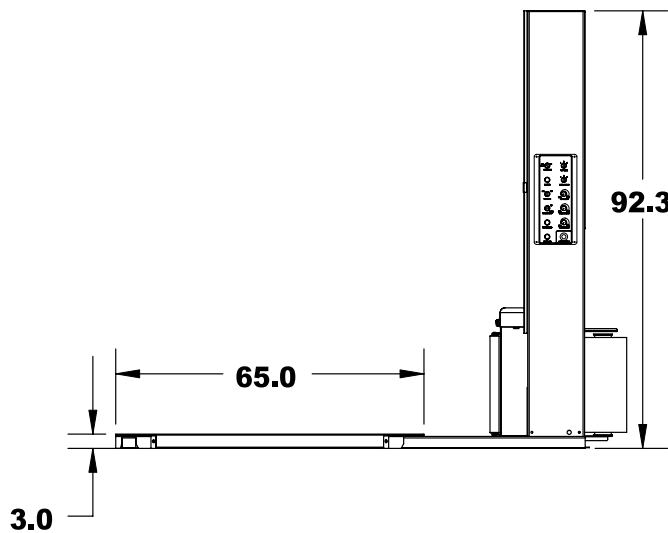
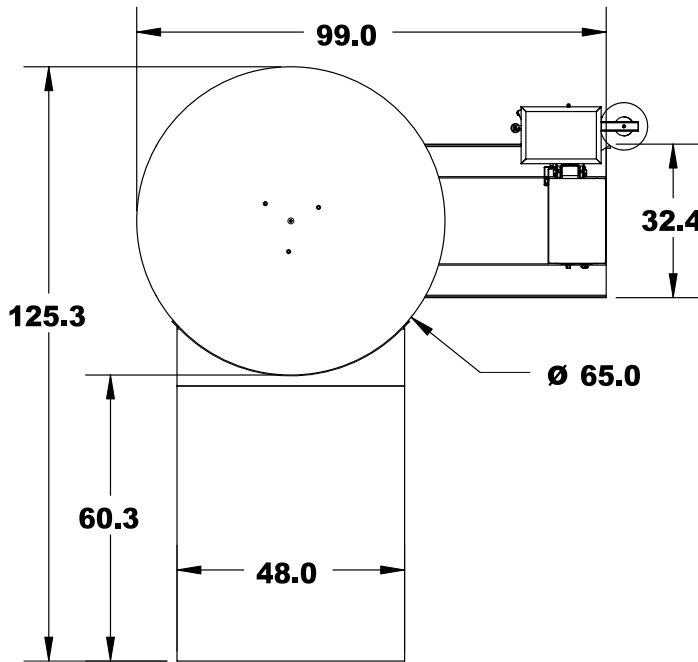
- ▶ Turntable speed adjustment.
- ▶ Carriage speed adjustment.
- ▶ Jog features for both turntable and carriage.
- ▶ Cycle pause button (allows adjustment of load or addition of load cover.)
- ▶ Wrap count selection for top and bottom of load.
- ▶ Banding feature for extra wraps at any level.
- ▶ Automatic turntable return to home feature.

PRESTRETCH FEATURES

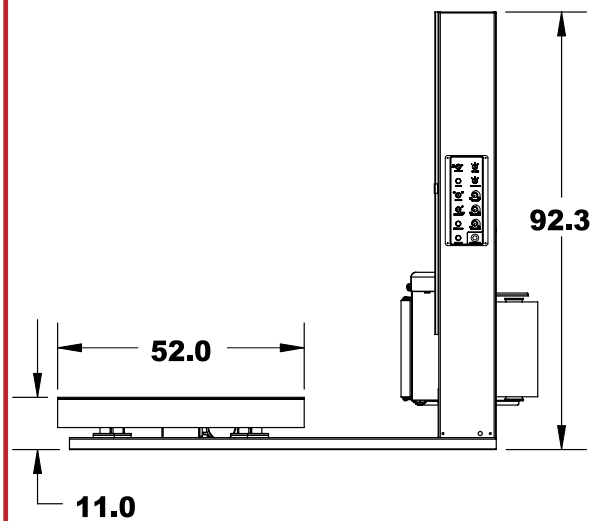
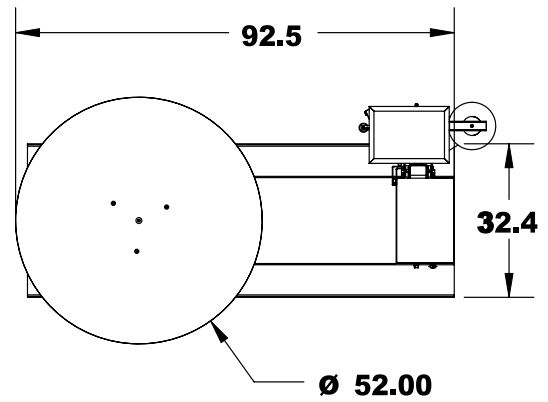
- ▶ Non-powered mechanical prestretch ratio of 88%.

SEMI AUTOMATIC STRETCH WRAPPER DIAGRAMS

L40 LOW PROFILE UNITS



H60 HIGH PROFILE UNITS



Drawings apply to both the 300 & 200 series.

GLOSSARY OF STRETCH WRAPPER TERMS

BANDING

Putting multiple wraps of stretch film to certain areas of a load in order to reinforce the load.

BOTTOM WRAPS

The number of layers of stretch film that are applied to the bottom of a load.

FILM DANCER

A pivoting roller that measures the required film tension in a pre-stretch system. The dancer provides feedback to the control system in order to compensate for the varied feed rate demands caused by the load corners and thus maintains constant film tension during wrapping.

FILM FORCE TO LOAD

Also known as "film tension" or "film force". The tensile force of the stretch film as it is applied to the pallet being wrapped (measured in pounds of force between the load and film carriage).

FILM OVERWRAP

The length of stretch film that folds over the top of a wrapped load. Overwrap improves load retention and can be changed by adjustment of the load sensing photo eye.

HOME POSITION

Position of the turntable and film carriage where the machine is ready to start a new wrap cycle and also finishes.

OVERLAP

The amount that a stretch wrap layer covers the previous layer on a wrapped load. Overlap improves load retention and can be increased or decreased by adjusting carriage speed.

PRESTRETCH

The process of stretching film prior to application of the film to the load. As the film passes through the prestretch carriage it is directed around the two rubber covered rollers which are rotating at different speeds. Because of the speed differential, the film is forced to stretch between the rollers.

PRESTRETCH CARRIAGE

The part of a stretch wrapper that performs the film prestretching prior to application to the load. As the turntable rotates, the carriage travels up and down vertically and wraps the film onto the load in a spiral pattern.

PRESTRETCH RATIO

A measure of how much a film is elongated by the prestretch process. Prestretch ratio is defined as a percentage change in film length. For example, a prestretch ratio of 200 signifies a change in length of +200%. The film length in this case is three times the length it was prior to stretching.

TOP WRAPS

The number of layers of stretch film that are applied to the top of a load.

WRAP PARAMETERS

The variable settings that can be adjusted on a stretch wrapper in order to accommodate the load retention requirements of different loads. Typical parameters are bottom wraps, top wraps, carriage vertical speed (effects film overlap), turntable speed (effects wrapping speed), photo eye (effects film overwrap), and film force (effects load retention).



Our state of the art 120,000 square foot building houses all operations including sales, design, manufacturing and shipping.

ADVANCE LIFTS STRETCH WRAPPER WARRANTY

For a period of one year from date of shipment from the Company's plant, the Company agrees to replace or repair free of charge, any defective parts, material or workmanship on new equipment.

For an additional two years beyond the first year of warranty, the Company shall replace or repair any parts returned to the Company freight prepaid, subject to factory inspection and determination of cause of failure. This warranty is not limited by the number of cycles, but does not include normal wear items such as chains, sprockets, belts, rollers & shafts.

For a period of five years from date of shipment from the Company's plant, the company agrees to repair or replace any defective structural component.

Company authorization must be obtained prior to commencement of any work. The Company reserves the right of final determination in all warranty considerations. Evidence of low supply voltage, overloading, abuse, neglect or field modification without written Company approval shall void this warranty. No contingent liabilities will be accepted.

Damage incurred in transport is the responsibility of the carrier and is not covered by this warranty. Any damage detected upon receipt of equipment should be immediately reported to the carrier. If you need assistance filing your claim please contact Advance Lifts.

ADVANCE LIFTS ALSO OFFERS MORE ECONOMICAL ENTRY LEVEL STRETCH WRAPPERS IN OUR 100 SERIES CATALOG.

DISTRIBUTED BY:



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