

Machine description / technical specifications:

Lantech stretch wrapper Q-300 XT



The machine is the result of years of experience in stretch wrapping. Lantech has a tradition of packaging innovation with over 50.000 machines in the field. This love for invention started in 1971 when the founder of Lantech developed the very first stretch wrapper in the world. Since that time, Lantech received over 115 patents in effort to develop the best packaging solution for your operation.

About Lantech



World Leader

At Lantech, we have a tradition of packaging innovation with over 50,000 machines in the field. This love for invention started in 1971 when the founder of Lantech developed the very first stretch wrapper. Since that time, we have received over 115 U.S. and foreign patents in the effort to develop the best packaging solutions for your operation.



Technical Support

We have local factory trained distributor sales and service technicians to meet your sales and service needs. Lantech Technical Service Support is always available to help you.



Machine Configured Just For You

Our sales and distribution network has broad application experience to assure the best packaging solution for your application.



Three Year Warranty

Our 3-year warranty covers every component on the machine. If you need a replacement part during the warranty period, just call us and we'll send it to you. For most components under € 250, you don't even need to send the original part back to us. We also provide a full 1 year warranty on all parts purchased after the three year machine warranty period.

Machine Selection



Q-300 XT Semi-automatic Stretchwrapper

Thank you for your interest in the Lantech Q-300 XT. The Q-300 XT continues to be the most popular and best performing semi-automatic stretch wrapper in the industry. With over 50.000 machines in the field, you can feel very confident that this machine will perform to your satisfaction.

Easy to Use

Our Machines Are Easy to Use

We understand some of the labor challenges facing shipping managers today. That's why we have spent a considerable amount of effort developing new technologies to make the job of stretchwrapping your loads easier and easier. We also know that there may be more than one person operating the stretch wrapper, so it is critical that your machines are easy to use.

165 cm diameter turntable



We use a 165 cm turntable for mostly all comment pallet sizes.

E-Z Thread™ Gate Vs. Top Latching Gate



With the EZ thread gate, no threading is required. Replenishing the film supply has never been quicker, easier, or safer than with Lantech's EZ Thread Film delivery system. Old technology top-latching gates provide less access and have a tendency for the door to unlatch during the wrap cycle.

Difficult To Adjust Controls Vs. Easy To Use

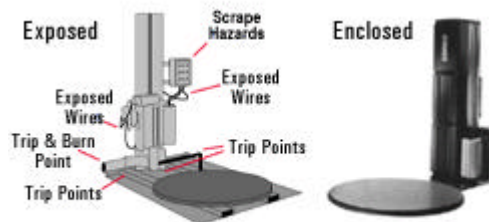


Adjustments can be easily made to your wrap patterns from the control panel without using a computer. No need to buy extra equipment or software. Color coded controls meet CE safety and Ansi safety standards and are easy to identify and understand. This simplifies operator training and makes adjustments quick and easy.

Our Machines Are Safe

We have always considered safety in our equipment design. The following are just a few examples of how we make our products safe to use.

Closed mast

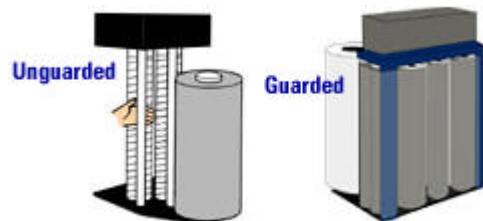


Exposed wires and sharp metal edges compromise safety, so we've eliminated those hazards with our enclosed mast design.

Old Technology

Lantech

Guarded Vs. Unguarded Roll Carriage

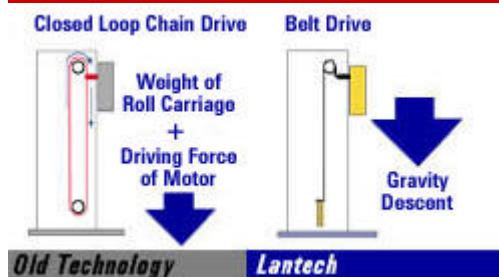


Hands can easily get caught in a non-guarded roll carriage... a risk we've greatly reduced by placing guards on Lantech's Q-Series™ machine

Old Technology

Lantech

Belts Vs. Chains



We moved away from chain-driven roll carriages for safety. Our counter-weighted, belt driven roll carriage has minimal downward pressure and even has a built in safety sensor to shut the machine down in case it encounters an obstruction. Older technology uses closed-loop, chain drive that powers the roll carriage down, potentially crushing anything under it.

Old Technology

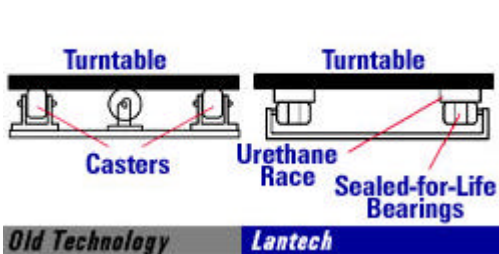
Lantech

Reliable and Durable

Our Machines Are Reliable & Durable

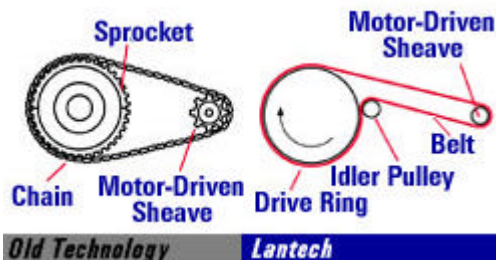
Reliability and uptime are critical to any shipping operation. We have designed many features in our stretch wrappers to give you the confidence that your stretch wrapper will wrap cycle after cycle with no scheduled maintenance required. The following features were designed to give you the reliability that you need:

Bearing of the turntable



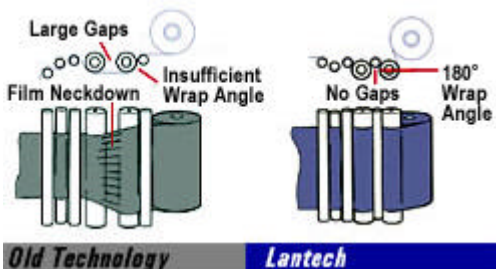
No Metal – Metal contact

Belt Drive System Vs. Chain And Sprocket



Our Kevlar reinforced belt drive system does not require maintenance and will not stretch or rot. A chain can jump the sprocket if not properly lubed and adjusted periodically.

Power Roller-Stretch® Film Delivery System Vs. Other Film Delivery Systems



The Power Roller-Stretch® system allows the film to wrap 180° around the film rollers, with a "W" threading pattern ensuring a reliable stretch without slippage and film breaks. This assures the highest level of film efficiency and economy. Older technology has unsupported gaps, minimal wrap around can cause neck down and film breaks.

Structural Steel Mast Vs. Other Mast Designs



The Q-300 XT mast is made of rugged structural steel tubing. The ABS panels are removable for easy access and the components are enclosed for safety. Other mast designs have unprotected components, which expose personnel to safety risks.

More Helpful Options

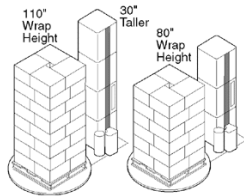
Loading Ramp



If your product is loaded with a pallet jack, a ramp is necessary to allow you to roll the pallet onto the turntable for easy loading. If you later decide to use fork trucks, you can still use the ramp or it can be easily removed.

A ramp will add 4 feet to your machine on the side where it is positioned. Customer has the option to place the ramp in three positions on a Q-Semi automatic and two positions on a QXT.

Extended Wrap Height



The standard Q-Series™ will wrap loads up to 2032mm tall. For loads taller than 80 inches, you will need this option to allow you to wrap loads up to 2794mm tall.

This option gives you the same quality upright steel frame with easy access removable covers, only 762mm taller.

A custom option for a 3556mm wrap height is also available.

NOTE: The 280mm steel frame upright ships lying down on the skid and will need to be lifted in place at your facility.

Top Sheet Wrap

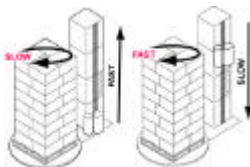
Loads that could benefit from a top sheet for protection from dust or moisture can be easily wrapped with a Q-Series™ machine.

With this option, the stretch wrapper will wrap to the top of the load, then move down a few inches, allowing someone to place a top sheet on the load. The machine then goes back to the top and wraps the corners of the top sheet, making the load moisture resistant.

Some of our customers also use this feature when they apply a top sheet as a dust cover for their loads.

Two Speed Roll Carriage and Turntable

Standard on Q-300 XT



If your loads are lightweight or unstable, this is another option you may want to consider. Both the turntable and the roll carriage operate at a slow speed as the first layer of film is applied to the load (from bottom to top). Once the top of the load has been detected, both the turntable and the roll carriage will operate at normal speed (based on the control panel settings) as the cycle is completed.

Forktruck Bumper

Forktruck Bumper guides attach to turntable, acting as bumpers to assist forktruck operator in approaching the turntable and centering the load.

Performance Criteria

Standard Production Speed 30 - 40 Loads Per Hour

Based on: 2032mm load height, 2 film layers and 12 revolutions

Maximum Load Diagonal	1854mm
Minimum Load Diagonal	1067mm
Maximum Load Height	2032mm standard Q-300
Maximum Load Weight	1800 Kg

Your Production Speed **30 Loads Per Hour**

Based on:

Load Height	1524mm
Film Roll Size	254mm Roll Diameter, 508mm Film Web Width
Top/Middle/Bottom Wraps	2 top, 2 middle, 2 bottom wraps

Load Handling System

Turntable Drive	3/4 HP TEFC Motor
Turntable speed	0 - 12 rpm
Turntable size	1650mm
Turntable thickness	8mm
Turntable bearing	122 cm Diameter

Film Delivery System

Pre-Stretch Level	200% Power Roller-Stretch® Film Delivery System:
Film Compatibility: all commercial machine-grade stretch films; 50-150 gauge (17-37 micron)	Standard
Wrapping Force: electronically controlled with reduced wrapping force at start of cycle	Standard
Film Capacity:	245mm Roll Diameter, 508mm Film Web Width
E-Z Thread™ Roll Carriage	Standard

Electrical Data

Voltage 220 Volt, 50/60 Hz, Single Phase 16A

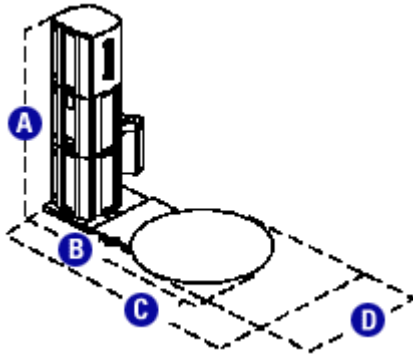
Microcontroller Standard

Machine Size / Shipping Weight

Base Machine Size: 1727Wx2921Lx2464H (excludes ramp)

Approximate Crated Shipping Weight of Base Machine: 710Kg (excludes ramp)

These Dimensions are based on options purchased
Such as wrap height, turntable size, etc.



A	B	C	D
2464mm Height	2921mm Length	2921mm Length + optional ramp	1727mm Width

Warranty

Our 3-year warranty covers every component on the machine. If you need a replacement part during the warranty period, just call us and we'll send it to you. For most components under € 250, you don't even need to send the original part back to us. We also provide a full 1-year warranty on all purchased replacement parts.

Three Years, Unlimited Cycles

6 months guarantee
3 years parts guarantee

Installation Checklist

Q-300 XT Semi-Automatic Stretch Wrapper

Key areas of preparation to ensure a smooth installation.



Check Dock Door Dimensions

The shipping dimensions for the standard Q-Series™ machine are 2921Lx2464Hx1727W, including the pallet.

If you anticipate any tight-fit problems with your dock doors, especially height-wise, be prepared to do one of the following:

- Take the machine off the pallet, then bring through doors.
- Machine can be partially disassembled, but only by a certified Lantech service representative.

Check Electrical Service

A dedicated, 220 VAC, 16 AMP, 50/60 Hz, single phase grounded power source is required. DO NOT USE extension cords. The power cord that is attached to the machine is 10 feet in length, so please ensure the power source and the machine are located within this distance.

Unloading Requirements

Once the machine arrives, it is necessary for the customer to handle the unloading, uncrating, and initial placement of the machine – prior to the start-up and training process. Recommended tools for uncrating:



- Forklift
- Claw hammer
- Crow bar
- 10 mm hex tool
- 9/16" hex wrench

Refer to the machine manual for detailed instructions on uncrating and installation procedures for your machine.

Operator/Maintenance Training

To maximize equipment operation "uptime," it is essential to have operators and maintenance personnel at the training sessions, when scheduled with the distributor.

Training

Sample Loads And Film Testing

For the machine start-up and training, be sure to have film on hand and samples of all pallet load variations (smallest / largest, odd shaped loads, light/dark-colored loads, tallest load).