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LW SERIES
Rotary arm stretch wrapper

Rotary Arm Stretch Wrapper

The **LW Series Rotary Arm Stretch Wrapper** is a fully automatic system designed to apply a mechanically pre-stretched film with tension to a pallet load. Its overhead rotary arm, which eliminates the need to rotate the load, allows for high speed wrapping of heavy or unstable loads with consistent strength. Capacities up to 95 loads per hour can be achieved while maintaining a precise control of the film stretch and force.

Maximum flexibility is designed into the **LW Series** to offer maximum efficiency. Different parameter sets allow meeting the securing requirements for each product to be wrapped. The **LW Series** stretch wrapper can integrate a top sheet dispenser. The sheet will be unrolled, cut to size and automatically applied to the top of the load during the wrapping cycle, providing a water-resistant layer. In-line installation of the top sheet dispenser is also available.

Applications

Pallet loads of bags, bales, boxes, cases, bundles, etc.



Features and benefits

- Ring bearing rotary arm with direct drive helical bevel gear motor ensuring smooth operation and low maintenance
- System available with one pre-determined level of pre-stretch or with the Dual VFD film delivery system allowing unlimited pre-stretch ratio and offering precise control of the film stretch and force
- Allen-Bradley control system (Compact Logix series) installed in a NEMA 12 cabinet, software designed with a self-diagnostic feature and user-friendly interface (Allen-Bradley Panel View 600 Plus touch screen)
- Rugged, durable construction including high quality and low maintenance components for long-term reliability
- Four built-in wrapping modes enabling selection of the fastest, most efficient method to unitize the load
- Safety fences fitted with interlocked door for maximum security
- Quick and simple film roll changeover
- Noiseless running
- Quick installation time (no wiring needed)

Options

- High speed upgrade
- Flap folder system to protect the bottom layers
- Electric load lift
- Top sheet dispenser
- Variable pre-stretch





Production rate

Up to **95 loads/hour***

* Depending upon pallet height, number of wraps, film thickness, machine options, etc.

Technical data

Typical equipment dimensions:	Length: 174" (4420 mm) Width: 158" (4010 mm) Height: 138" (3510 mm)
Load size:	32" W x 40" L x 24" H (813 x 1016 x 610 mm) min. 45" W x 58" L x 104" H (1143 x 1473 x 2642 mm) max.
Film delivery system:	Fixed-ratio pre-stretch (determined between 100% and 250% - 200% standard) or infinitely variable Dual VFD pre-stretch (adjustable from 0% to 400%)
Film roll diameter:	10" (250 mm) max.
Film thickness:	50 to 200 gauge (13 to 51 µm)
Film web width:	20" or 30" (51 cm or 76 cm)
Load capacity:	4400 lb (2000 kg) max.
Air consumption:	3 scfm (85 NI/min)
Electrical requirements:	230 V / 3 Ph / 60 Hz (other voltages available)
Operating pressure:	90 psi (6 bar)



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