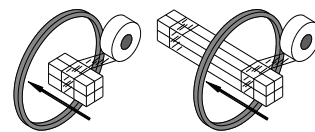




## Stretch Film Banders



**XL-36 for Larger Products**



**XLA-Inline Automation**



Heat Sealed

### Features

### Advantages

<b>Economical</b>	Stretch film is inexpensive & affordable for all applications - machine usually pays for itself in less than a year
<b>Stretch Film</b>	Gentle with product, does not damage or bruise corners like narrow steel or plastic strapping
<b>Film Heat Seal System</b>	Applies a welded seal to the film end as it is cut - eliminating unwrapping
<b>Adjustable Bundling</b>	Lets you control wrapping tension & the amount of film pre-stretch
<b>Versatility</b>	Product Sizes - width: 2-19" (depending on height) height: to 10" (depending on width) length: 4" to unlimited
<b>Portability</b>	4 heavy duty locking casters - no pneumatics - 110 VAC
<b>Ease of Operation</b>	All functions are preprogrammed at the factory - no programming required by operator

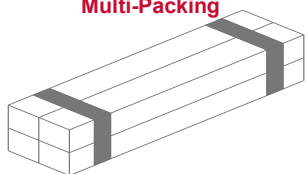
### Typical Industry Applications

<b>Millwork</b>	Intricate carved moulding, chair rail, coving, dowels, brick mouldings, quarter rounds, base boards, flooring, stair rail, dimension lumber, and much more
<b>Wood Products</b>	Brooms, mops, shovels, rakes, knock-down furniture, kits, hardware
<b>Extrusions</b>	PVC Piping, metal tubing, siding, bar stock, angle stock, rods, channel, drain tiles
<b>Textiles</b>	Gloves, socks, pillow cases, sheets, rolled rugs, carpets, linoleum
<b>Retail Premiums</b>	Multi-packing, band retail item plus premium
<b>Printing</b>	Newspapers, magazines, letterhead, directories, flyers, brochures
<b>Paper</b>	Folded cartons, corrugated boxes, cores & tubes
<b>Mail Rooms</b>	Direct mail sorted by postal code, packages

#### Cross Banding



#### Multi-Packing



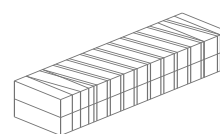
#### Bundling



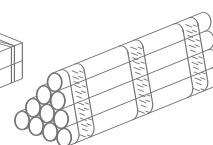
#### Banding



#### Spiral Wrapping



#### Unitizing



## Specifications Standard 24, XL-110 & XL-24 w/24" Ring

### Method of Operation

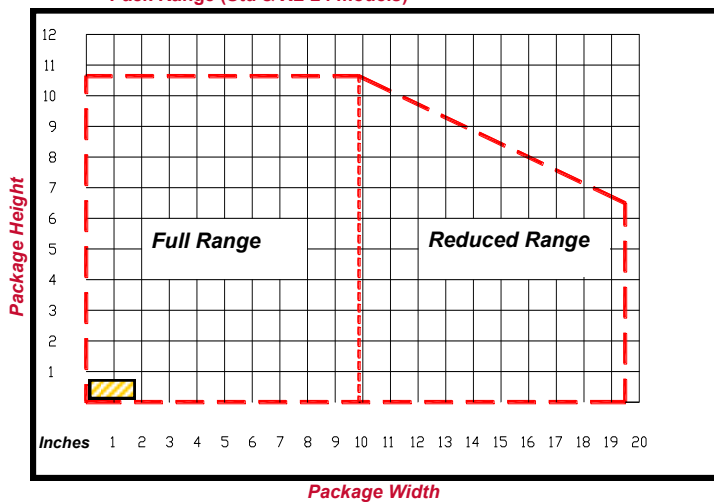
The stretch film is held by front and rear grippers below the bed of the machine. Product to be wrapped or banded is placed in position. The foot switch is depressed. When the required number of selected wraps has been made, the stretch film is automatically cut, and sealed, ready for the next product.

The number of wraps (2 to 6) may be pre-selected with the rotary selector switch mounted on the control panel. An infinite number of wraps may be obtained by setting the selector switch to infinity ( $\infty$ ) and keeping the foot switch depressed until desired number of wraps are achieved. When the foot switch is released, the last wrap is completed and the stretch film is cut, and sealed.

### Product Range

Product Width	2 in - 19 in (50 - 480 mm) (with some height restrictions, see graph below)
Product Height	1 in - 10 in (25 - 265 mm) (with some width restrictions, see graph below)
Product Length	4 in (100 mm) - unlimited

Pack Range (Std & XL-24 models)



### Pre-Stretch

Adjustable film tensioner allow for force-to-load settings ranging from near 0 to approximately 150% using 60 gauge film. Heavier gauge films reduce the pre-stretch capabilities.

### Stretch Film Specifications

Width	3 inch (76mm) standard 2 inch (51mm) optional (adapter required)
Outside Diameter	8 inch (200mm) maximum
Core Size	3 inch (75mm) only
Thickness	60 gauge to 250 gauge, depending upon application and number of wraps.
Properties	A wide range of film types available to meet specific application requirements; High cling films (inside and/or outside), Colored films, UVI rated films, Anti-Static films and limited stretch films.

### Rate of Operation

Up to 22 - 3 wrap bands on the Standard 24.  
Up to 32 - 3 wrap bands on the XL Models.

### Wrap Cycles

Preprogrammed number of wraps per cycle are selected with the wrap selector switch on the control panel. Automatic settings range from 2 through 6. The infinite setting (+) allows for continuous wrapping until foot switch is released (a minimum of 2 wraps must occur to complete the infinite cycle). XL model has a 3 wrap minimum setting.

### Adjustments

No tools are required to make routine adjustments (changing film, setting tension, cut/seal temperature) and are quick and simple.

### Construction

Tubular 4 in x 2 in welded carbon steel frame, steel enclosures and 4 large swivel-locking casters for portability.

Hardlube coated wear parts, oil permeated bushings, sealed ball bearings, self adjusting tensioners, Nylatron guide rollers and sealed cam followers to provide years of trouble free performance with minimal maintenance.

### Safety

The Flex Strap machine is fully guarded and the hinged front panel is equipped with an electrical interlock which stops the machine when the panel is open. It also comes equipped with a service lock-out switch.

### Patents

Flex Strap is covered by U.S. Patent No. 4,850,177.  
Other U.S. and foreign patents pending.

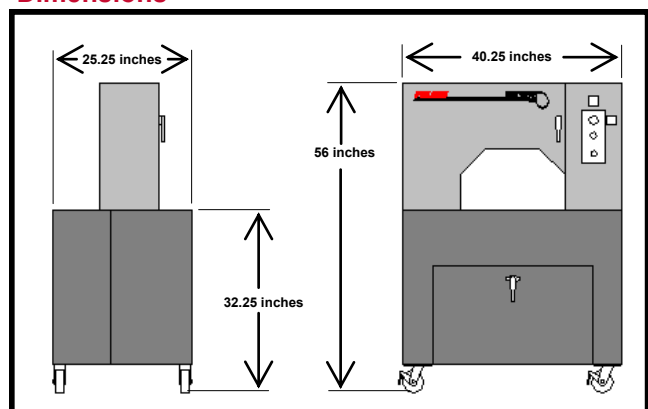
### Power

Requirements	115v/60 Hz -1ph (XL-24 220v/60 Hz only)
Electronic Control	Mitsubishi programmable logic controller
Main Drive Motor	1/2 hp 220 v AC (XL-110 & XL-24 2hp 220V)
Actuator Motor (2)	AC Synchronous
Activation	Standard safety foot switch

### Weight

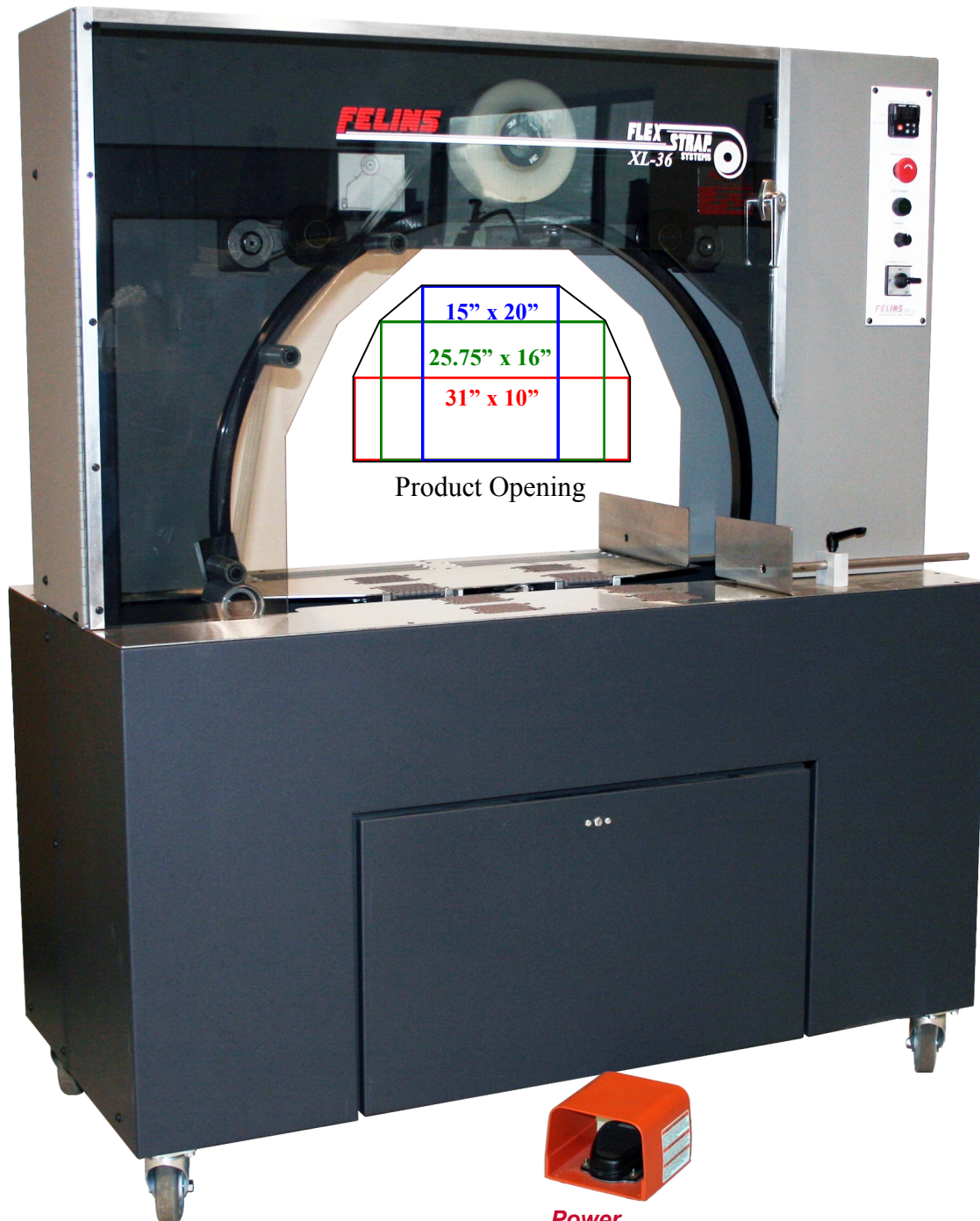
Net Weight	Approx. 440 lbs. (200 kg)
Shipping Weight	Approx. 520 lbs. (238 kg)

### Dimensions



All illustrations are subject to change without notice and all drawing dimensions are not to scale and are approximate. Drawings shown are for illustration purposes only. All sales are subject to our prevailing terms and conditions of sale.

## XL-36 Stretch Film Bander



### Construction

Tubular 4 in x 2 in welded carbon steel frame, steel enclosures and 4 large swivel-locking casters for portability.

Hardlube coated wear parts, oil permeated bushings, sealed ball bearings, self adjusting tensioners, Nylatron guide rollers and sealed cam followers to provide years of trouble free performance with minimal maintenance.








### Power

Requirements	220v/50 Hz -1ph
Electronic Control	Mitsubishi programmable logic controller
Main Drive Motor	2 hp Low Inertia 208-230V AC
Actuator Motor (2)	AC Synchronous
Activation	Standard safety foot switch

## The Bundling Solution

**Felins**, the first name in innovative tying and banding solutions, brings the versatility and package protecting characteristics of stretch wrapping to the packaging industry with the **Flex Strap™ System**.

-  **Industrial Duty** - designed to provide years of continuous service, the critical wear parts are manufactured using a special hardlube coating process that greatly reduces lubrication service and wear under normal operating conditions.
-  **Features** - adjustable film pre-stretch tensioner, heat sealing system and dual film grippers produce a perfectly secured bundle every time. Wide range temperature control allows you to choose the appropriate film gauge for your products. Uses standard 110V power (220V only for XL model), requires no air and has 4 independent swivel locking casters giving this machine the portability you need to utilize its versatility and achieve maximum productivity.
-  **Fast** - up to 28 (45 on XL model) complete cycles per minute, depending on operator speed and number of wraps selected.
-  **Reliable** - carbon steel tube construction and low maintenance design provides years of continual service, plus the unique heat sealing system provides a positive film seal that eliminates film unraveling and bundle failures.
-  **Flexible** - the strength, gentleness and versatility of stretch film makes the Flex Strap™ System the perfect solution for a wide variety of strapping, tying and bundling applications.

### Method of Operation

The stretch film is held by front and rear grippers below the tables of the machine. Product to be banded is placed in position. The foot switch is depressed. When the required number of selected wraps has been made, the stretch film is automatically gripped, cut, and heat sealed, ready for the next product.

The number of wraps (2-6) may be pre-selected through a rotary switch mounted on the control panel. An infinite number of wraps may be obtained by setting the selector switch to infinity and keeping the foot switch depressed. When the foot switch is released, the last wrap is completed and the stretch film is gripped, cut, and heat sealed, ready for next product.

## Features

-  **2" x 4" CARBON STEEL TUBE FRAME**
-  **14 GAUGE STEEL ENCLOSURES**
-  **PROGRAMMABLE LOGIC CONTROLLER**
-  **PROGRAMMABLE DRIVE MOTOR CONTROLLER**
-  **PROGRAMMABLE TEMPERATURE CONTROLLER**
-  **ADJUSTABLE FILM TENSIONER**
-  **POSITIVE FILM HEAT SEALING SYSTEM**
-  **PATENTED FILM CLAMP & CUT OPERATION**
-  **SELF ADJUSTING DRIVE BELT TENSIONER**
-  **TOOL-FREE QUICK CHANGE FILM UNSPOOLER**
-  **HARDLUBE COATED WEAR PARTS**
-  **STAINLESS STEEL TOP DECKS & PRODUCT GUIDES**
-  **110 V / 60 HZ or 220 V / 50 HZ POWER REQUIREMENT**
-  **SERVICE LOCK-OUT SWITCH**
-  **SAFETY FOOT SWITCH**
-  **HEAVY DUTY LOCKING SWIVEL CASTERS**
-  **REQUIRES NO AIR**
-  **EASILY AUTOMATED**
-  **FULLY ENCLOSED**
-  **EASY SERVICE ACCESS**
-  **LOW MAINTENANCE DESIGN**
-  **FELINS WARRANTY**
-  **MADE IN U.S.A.**