

**PROPOSAL FOR OUR MODEL:
4100T**

CHOOSE A FRAME STYLE



FSR



FSU



FS3



WALL or POST MOUNT

Provided by: www.PTIPackaging.com
Toll Free 1-800-472-0067 or info@ptipackaging.com



.....**SIMPLY BETTER**.....

MODEL 4100 “TITAN” OVERHEAD SEMI-AUTOMATIC STRETCH WRAP SYSTEM GENERAL SPECIFICATIONS

PRODUCTION SPEED:

- ❖ 1-30 loads per hour
NOTE: Process rates will vary with load size, number of wraps & forklift load/unload time

LOAD CAPACITY:

- ❖ Maximum load weight: Unlimited (floor supported)
- ❖ Maximum load size: 50” W x 50” L (71” max. load diagonal) x 86” H (plus up to 4” to overlap)

ROTARY ARM:

- ❖ Double flange bearing support system
- ❖ Twin V-belt drive pulleys with belt tensioner
- ❖ 1-12 RPM rotational speed c/w soft start acceleration
- ❖ Final revolution deceleration and positive stop alignment
- ❖ 1/2 HP DC variable speed motor

FILM CARRIAGE ELEVATOR:

- ❖ 1/2 HP DC variable speed motor
- ❖ Direct flat belt drive system
- ❖ Maintenance free 12 point carriage guidance system

FILM DELIVERY SYSTEM:

- ❖ **Super Rapid Thread™** 20” capacity pre-stretch film carriage with patent pending **Pressure Balanced Nip Roller System**
- ❖ 1/2 HP DC variable speed motor
- ❖ Fully electronic dynamic dancer corner compensation
- ❖ Pre-stretch ratio variable by easy sprocket change
- ❖ 33 to 313% fixed stretch capability (shipped fixed at 207%)
- ❖ **Super Rapid Thread™ (Safety Door) with auto power cut-off switch**

CONTROL FEATURES:

- ❖ Simple to Operate
- ❖ **PANASONIC** PLC
- ❖ Power Off – On – Reset switch & Power On indicator light
- ❖ Single button Auto Wrap Cycle Start/Pause
- ❖ Cycle Pause for applying top sheets
- ❖ Base or Top Wraps First program
- ❖ Reinforce Wrap control for mid-wrapping
- ❖ Up Only or Up/Down wrap program

CONTROL FEATURES (continued):

- ❖ Emergency Stop button
- ❖ Rotary Arm Jog switch
- ❖ Film Carriage Lower/Raise switch
- ❖ Film tension (Force-to-Load) control
- ❖ Separate film carriage raise & lower speed controls
- ❖ Variable rotary arm speed control
- ❖ Rotary arm and film carriage elevator dynamic braking system
- ❖ Triple beam type auto load height sensing photo-eye, detects dark or shiny loads
- ❖ Separate 1 to 9 revolution top & bottom wrap control
- ❖ NEMA 12 control panel enclosure
- ❖ Dust tight slip ring assembly
- ❖ Non-proprietary UL/CSA approved components

STRUCTURAL FEATURES:

- ❖ All structural steel construction
- ❖ Integral structural steel wall/floor mounting stand
- ❖ Electro-static powder coated paint finish

SAFETY FEATURES:

- ❖ **Rotary Arm Obstruction Emergency Safety Stop Sensor**

ELECTRICAL INPUT REQUIREMENT:

- ❖ 115 Volts 1 Phase 60 Hz 15 Amps



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PRICING SUMMARY:

Demo Units Available ! [Contact Us !](#)

<u>MODEL</u>	<u>DESCRIPTION</u>	<u>SHIPPING WEIGHT</u>	<u>PRICE</u>
4100T- FSU	'U' Shaped Free-Standing Floor Mount Unit <i>Includes a free-standing frame making the machine independent and able to be placed almost anywhere. It is loaded from the front only.</i>	1,900#	\$ 15,800.00
4100T - FS3	3 Leg Free-Standing Unit <i>Includes a free-standing frame making the machine independent and able to be placed almost anywhere. It is loaded from the front and both sides.</i>	2,000#	\$ 14,729.00
4100T- FSR	Rear-Supported Free-Standing Floor Mount Unit <i>Requires side and rear floor lags only for machine support. With the rear-supported free-standing frame it uses less floor space</i>	2,100#	\$ 13,775.00
4100T-PM	Post Mounted Unit (includes bracket) <i>Requires a building column or post for mounting. Without a free-standing frame it uses minimum floor space.</i>	1,700#	\$ 13,300.00
4100T-WM	Wall Mounted Unit <i>Requires a secure structural wall for mounting. Without a free-standing frame it uses minimum floor space.</i>	1,600#	\$ 13,015.00

NOTE: Wall and post mount applications must be approved by engineering, based on a customer supplied description of the column, post or wall.

REQUESTED OPTIONS:

None requested

ADDITIONAL AVAILABLE OPTIONS FOR YOUR CONSIDERATION:

- 1) Starter spare parts kit _____ \$ 950.00
- 2) **Full automation** using our Model 4100-35FA "ULTRA" for only _____ \$ 4,000.00
At 25 loads/day the labor savings with this option will be approximately \$4,100.00 annually. This option pays for itself in less than 12 months!
- 3) Side Safety Fences – Set of 2 "L"-shaped sections to suit standard frame size _____ \$ 2,870.00

4) Safety Fence Front Sliding Gate c/w interlock switch to suit standard frame size_____ \$ 2,450.00



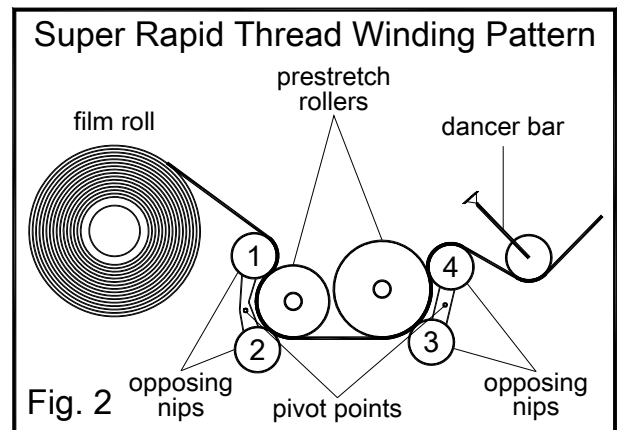
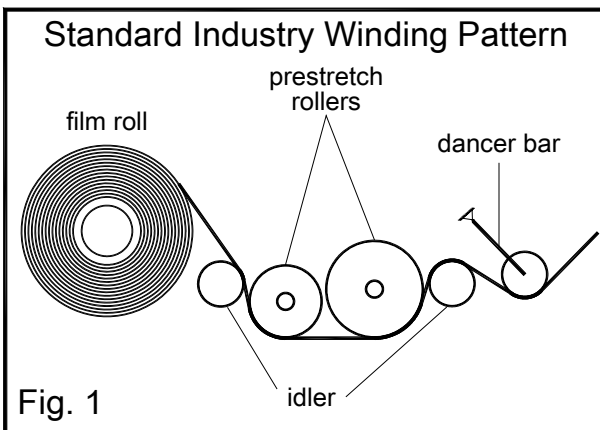
This machine is equipped with the [New Patent Pending Super Rapid Thread Pre-Stretch Film Carriage](#)

Based on extensive field research with actual users, the Cousins Team has perfected a new pre-stretch film carriage technology implementing a pressure balanced nip roller system to deliver pre-stretch results that are far more precise to the pre-stretch ratio than current industry standards.

Four precision bearing aluminum rollers pivot and rotate around the pre-stretch rollers on two axes of rotation. They lock into place through counter-pressure applied from the opposing roller (see Fig. 2). This increases film to roller contact and significantly improves traction. There are no springs that can compress under load to create a gap and allow film slippage.

- **Saves money** through improved performance, greater film to roller contact for maximum film yield.
- Counter-pressure maintains “nip roll” engagement throughout the wrapping process. “No springs”.
- Reduced slippage means improved film clarity for scanning barcodes.
- Can be retrofitted to most competitive wrappers with a field retrofit kit.

Take advantage of the maximum pre-stretch capabilities of today’s hi-tech films with the patent-pending Super Rapid Thread Carriage. This exciting new breakthrough in pre-stretch technology dramatically improves pre-stretch carriage performance.



Standard safety-door style film carriages are inherently inefficient as a result of low film to roller contact. This results in film slippage. The higher the pre-stretch ratio, the greater the slippage, the lower the film yield and the higher the cost of film used per load. Also resulting from film slippage is poor film clarity, which prevents bar code readers from reading through the film.

Nip-rollers #2 & #3 are fitted on the film carriage door. As the film carriage door is closing there is contact and pressure applied between nip-rollers # 2 & #3, and the pre-stretch rollers.

This increasing pressure as the door closes is in turn transferred to nip-rollers #1 & #4, causing them to rotate in against the back of the pre-stretch rollers.



STANDARD TERMS AND CONDITIONS

TERMS:

- 1/3 down payment with order, balance net 30 days after shipment (OAC) On Approved Credit (receiving company federal ID#, contact name & phone number required with order).

TAXES:

- Applicable taxes not included.

FOB POINT:

- Factory – Toronto, Ontario (Canada). Freight prepaid and added to invoice.

SHIPMENT:

- Approximately 4 - 6 weeks from receipt of order and down payment (and approved drawings if applicable).

START-UP SUPERVISION:

- Start-up supervision is highly recommended for in-line conveyORIZED automatic systems such as the 4100-45-OHA, 6100-CTA & 7100-OHA, and is available for \$750 per day plus expenses. Two days on-site are typically sufficient. Weekend start-ups will incur extra charges.

WARRANTY:

- 5/3 year warranty (see below).

PRICE PROTECTION:

- All prices are valid for thirty (30) days from date of quotation.

STANDARD MACHINE WARRANTY

Effective November 1, 2007

All components used in the manufacture of pallet wrap equipment and associated parts by Cousins Packaging are warranted to be free from defects in material and workmanship for a period of 5/3 years from the date of shipment. Five (5) years for metal fabrications manufactured by Cousins Packaging and three (3) years for buyout components (items purchased by Cousins). Cousins Packaging will, at its sole discretion, repair or replace any defective components.

Not covered by this warranty is normal wear of components such as, but not limited to; belts, chains, fuses, bulbs, etc., or misuse or abuse of the machine or any components thereof. As well, parts returned without the prescribed paperwork will not be covered by this warranty. Labor to remove or repair any component is also not covered by this warranty. Damage in transport is the responsibility of the carrier and is not covered under our warranty.

Except as stated herein, Cousins Packaging makes no other warranty, expressed or implied, nor does it assume or authorize anyone else to assume for it, any other obligation relating to Cousins' machinery or equipment. This warranty does not apply to equipment that, in the opinion of Cousins Packaging, has been subjected to misuse, neglect, or has been repaired or altered by unauthorized personnel. All defective parts must be returned in their original state. Defective parts that have been disassembled or damaged during removal or otherwise tampered with will not be covered under warranty, unless otherwise stated in writing by Cousins Packaging. Cousins Packaging makes no warranty as to fitness of equipment for particular purposes. Cousins Packaging Inc.'s sole obligation under this warranty will be to provide for repairs to components or replacement of parts, FOB Cousins Packaging Inc., Etobicoke, Ontario, Canada.