

DATE: October 9, 2020

- ❖ Affordable and simple machines with more standard features than any other pallet wrapper in this price range
- ❖ A quality machine ***built in North America*** with quality components and supported by a local qualified distributor
- ❖ Modern manufacturing facility that controls quality by doing everything in-house including engineering/design, cut and weld steel fabrications, painting and assembly



[Click Here for A Virtual Tour of Our Facility](#)

## PROPOSAL FOR:

|                                   |
|-----------------------------------|
| ATTENTION: Francisco Calderon     |
| COMPANY: PAT Industrial Solutions |
| ADDRESS:                          |
| CITY, STATE, ZIP CODE:            |
| FROM DISTRIBUTOR/ SALES CONTACT:  |

## MODEL 3300-CTA

Conveyorized Fully Automatic – Center Section Only  
Infeed and Outfeed Conveyors are Optional

Watch this unique machine operate:

[3300-CTA Video](#)



**ALL ELECTRIC  
NO AIR REQUIRED**

Download Flyer:  
[3300-CTA Flyer](#)

TOLL FREE: 888-209-4344 PH: 905-678-6655 FAX: 905-678-3429

[www.cousinpackaging.com](http://www.cousinpackaging.com)

## PRICING SUMMARY

PRICES SHOWN ARE IN UNITED STATES CURRENCY

| MODEL    | DESCRIPTION  | BASE PRICE |
|----------|--|------------|
| 3300-CTA | <p style="text-align: center;">Powered Turntable – Center Section Only</p> <p>SEQUENCE OF OPERATION FOR 3300-CTA:<br/>The operator initiates cycle start either manually with remote device (off-line) or automatically with signal provided by others (in-line), load is conveyed to the turntable and starts wrap cycle, wrapped load is automatically conveyed to the outfeed section so the turntable is clear and ready to accept the next load. Infeed and outfeed conveyors are optional or provided by others.</p> | \$ 32,000  |

|                          |   |          |
|--------------------------|---|----------|
| ❖                        | In-line or Off-Line Automation Package – designed to be in-line with conveyors using interface relays/logic or off-line standalone system using a wireless remote   | Included |
| ❖                        | All Electric – no pneumatic lines or noisy air compressors required   | Included |
| ❖                        | Super Rapid Thread II powered pre-stretch film carriage with unique film savings threading method   | Included |
| ❖                        | All AC motors   | Included |
| ❖                        | 208Y/120 Volts 3 Phase + Neutral 60 Hz 20 Amps (other voltages available – consult factory)   | Included |
| ❖                        | Rail type safety fencing with access gate c/w CAT 3 dual channel E-Stop and safety interlock switch - disables machine when gate is opened  | Included |
| <b>REQUESTED OPTIONS</b> |   |          |
| 1                        | OABMLX1K4 – Allen-Bradley MicroLogix 1400 PLC in place of standard Panasonic FP-X   | \$ 1,700 |
| 2                        | Interfacing of CAT. 3 safety circuits between palletizer controls and Cousins Packaging, and provision of additional interface relays & PLC logic for “Cycle Stop Request” signals to and from the palletizer | \$ 600   |
| 3                        | ONSV400-3-50 Non-Standard Voltage - Incoming Electrical Supply 400 Volts 3 Phase 50 Hertz   | \$ 1,350 |
| 4                        | OPL14 - 369 mm conveyor passline height for 3300-CTA system   | \$ 1,450 |
| 5                        | Delete standard rail type safety fencing (fencing to be provided by others)   | (\$ 900) |
| 6                        | OP30 – 20”/30” film carriage  | \$ 1,300 |
| 7                        | OFSMCP free standing main control panel with 15’ umbilical  | \$ 1,650 |

|   |  |                       |
|---|--|-----------------------|
| <b>TOTAL MACHINE PRICE WITH REQUESTED OPTIONS:</b>  |  | <b>\$ 39,150</b>      |
| <b>LEAD TIME:</b> <i>Subject to confirmation at time of order. Lead times are from receipt of order, down payment, and approval drawings if applicable. Addition of options or changes to the order will add to the cost and lead time. Lead time is based on current production conditions and can change without notification. <span style="color: red;">THE PROJECTED SHIP DATE WILL BE PROVIDED WITH ORDER CONFIRMATION.</span></i> |  | <b>10 to 12 weeks</b> |

### ADDITIONAL AVAILABLE OPTIONS FOR YOUR CONSIDERATION

*NOTE: Prices shown are for options ordered with the machine. These prices will change if ordered as a retro-fit for an existing machine. Retrofit options are a factory quote.*

|   |   |               |
|---|---|---------------|
| A   | O33CDLRCVR – Include 5' powered infeed section  | \$ 5,025      |
| B   | O33CDLRCVR – Include 5' powered outfeed section   | \$ 5,025      |
| C   | O33CDLRCVR – Any additional 5' powered infeed or outfeed conveyor section, per section  | \$ 5,025      |
| D   | Include 5' gravity outfeed conveyor with tapered end-stop and "FULL" photo-eye/logic  | \$ 2,275      |
| E   | OSSPK – Starter spare parts kit   | \$ 1,450      |
| F   | OEWH-110-S – Tower extension for 110" wrap height capability (standard is 75")<br><i>NOTE: All machines with tower extensions will be hinged and shipped knocked-down</i>   | \$ 995        |
| G   | OTWRPED5 – 5" Tower Pedestal - adds 5" wrap height  | \$ 235        |
| H   | OTWRPED12 – 12" Tower pedestal - adds 12" to wrap height  | \$ 325        |
| I   | ONSV230-3 Non-standard Voltage 230 Volt 3 Phase Supply for a 3300 series AC VFD machine (standard is 208Y/120 volt 3 phase + neutral)   | \$ 250        |
| J   | ONSV460-3 Non-Standard Voltage - Incoming Electrical Supply 460 Volt 3 Phase  | \$ 1,350      |
| K   | OABMLX1K4 – Allen-Bradley MicroLogix 1400 PLC in place of standard Panasonic FP-X   | \$ 1,700      |
| L   | OFTSPE – Load/unload forklift safety photo-eye and logic (specify load or unload position)  | \$ 680        |
| M   | OSF78UG – Upgrade Safety Fence Package to 78" high x 1.5" wire-mesh type barriers, in place of standard 48"H open rail type barriers for enhanced safety.   | \$ 1,200      |
| N   | O2LCM+FEN-EXT+CNVR-EXT – Muting Light Curtains with 3 ft. fence & conveyor extensions either side - increases system overall length by 6 ft - requires option OSF78UG   | \$ 13,890     |
| <i>Have product that needs to breathe or requires more holding force?<br/>These options slit and rope the film to allow air flow to the product and/or increases holding force if necessary</i> |   |               |
| O   | OPLRD – <b>Pallet Lock Roping Device</b> – the most effective method of securing the load to the pallet. Easily programmed using the touchscreen to apply the roped or normal full web film for additional holding force where needed, air flow if required and to prevent film breakage on sharp product or pallet corners.<br>AIR REQUIRED – Includes a filter-regulator unit and loose-shipped quiet air compressor. | \$ 2,400      |
| P   | OPLRD-NOCOMP-SRT – Delete the filter-regulator unit and loose-shipped quiet air compressor included in option OPLRD if customer supplies the necessary pneumatic requirement.   | (\$ 200)      |
| Q   | Automatic Slitting and or Roping Device – A wide variety of automatic film slitting and or roping devices are available upon request.   | Factory Quote |

## SPECIFICATIONS

*Cousins Packaging machines utilize non-proprietary UL/CSA approved parts where feasible. The equipment is designed and built to conform to NFPA 70 NEC and NFPA 79 Electrical Standard for Industrial Machinery.*

### PRODUCTION SPEED:

- ❖ 1-35 loads per hour
- NOTE: Process rates will vary with load size, number of wraps & forklift load/unload time

### LOAD CAPACITY:

- ❖ Maximum load weight: 4,000# dynamic – 12,000# static
- ❖ Maximum load size: 48" W x 48" L (68" max. load diagonal) x 75" H (+ up to 2" top film overlap)
- ❖ Minimum load size: 30" W x 30" L x 24" H (57" diagonal) – smaller loads require a factory quote

### TURNTABLE:

- ❖ 72" diameter 3/8" thick laser-cut steel plate with 5" skirt
- ❖ Pass-line height – 16-1/2" from floor to top of rollers
- ❖ 6-point heavy duty ball bearing caster support system
- ❖ ANSI # 60 direct chain drive c/w chain tensioner
- ❖ 3-16 RPM rotational speed c/w soft start acceleration
- ❖ 3/4 HP AC variable speed motor c/w turntable holding brake
- ❖ Final revolution deceleration and positive stop alignment

### FILM CARRIAGE ELEVATOR:

- ❖ 1/2 HP AC variable speed motor
- ❖ ANSI #40 direct chain drive c/w shock dampener & Anti-Fall Safety Device
- ❖ Maintenance free carriage guidance system

### FILM DELIVERY SYSTEM:

- ❖ Super Rapid Thread II<sup>™</sup> 20" capacity pre-stretch film carriage
- ❖ 1/2 HP AC variable speed motor
- ❖ Fully electronic dynamic dancer corner compensation
- ❖ 33% to 313% fixed stretch capability
- ❖ Pre-stretch ratio variable using easy sprocket change
- ❖ Carriage Descent Obstruction Safety Shut-Off Device
- ❖ Rapid Thread<sup>™</sup> Safety Door with auto power cut-off switch
- ❖ Side mounted film carriage for operator convenience and safety
- ❖ Lifetime warranty on pre-stretch rollers

### CONTROL FEATURES:

- ❖ PANASONIC PLC with Touchscreen Operator Interface
- ❖ Power Off – On – Reset switch & Power On indicator light
- ❖ Cycle Pause for applying top sheets
- ❖ Reinforce Wrap control for mid-wrapping
- ❖ Emergency Stop button
- ❖ Turntable Jog button
- ❖ Film Carriage Lower & Raise buttons
- ❖ Eject Load (Turntable Conveyor Jog) button
- ❖ Film tension (Force-to-Load) control
- ❖ Separate film carriage raise & lower speed controls
- ❖ Variable turntable speed control
- ❖ Triple beam automatic load height sensing photo-eye, detects dark or shiny loads
- ❖ Separate 1 to 12 revolution top & bottom wrap control
- ❖ Selectable Reduced Film Tension parameters for wrapping top and/or bottom of load
- ❖ Broken film/out of film detection c/w automatic machine reset
- ❖ Beacon light indicates run, clear or fault conditions
- ❖ NEMA 12 control panel enclosure
- ❖ Non-proprietary UL/CSA approved components where feasible

### STRUCTURAL FEATURES:

- ❖ All structural steel construction
- ❖ Forklift truck portable base structure design – lifting tubes included for front and rear access
- ❖ Structural steel tube machine tower with sheet metal covers
- ❖ Electro-static powder coated paint finish

### SAFETY FEATURES:

- ❖ Safety barriers enclose the turntable section to prevent personnel intrusion
- ❖ Operator Access Gate c/w Safety Interlock Switch disables machine operation when gate is opened
- ❖ Hard-wired emergency stop and operator access gate circuits with Category 3 dual channel safety relays

### ELECTRICAL INPUT REQUIREMENT:

- ❖ 208Y/120 Volts 3 Phase 60 Hz 30 Amps (other voltages available – consult factory)

COUSINS PACKAGING CONTINUES TO BE THE INDUSTRY LEADER IN ADVANCED DESIGNS



**ALL ELECTRIC - NO AIR REQUIRED:**

- ❖ Electric actuated film clamp mechanism
- ❖ Electro-mechanically actuated film tail cut/wiper arm mechanism
- ❖ Ni-chrome impulse hot wire film cut off c/w automatic periodic cleaning cycle



**QUALITY COMPONENTS** including all AC motor drives by Schneider Electric - non-proprietary UL/CSA approved components



**CLOSE CONVEYOR ROLL SPACING**  
2 1/2" dia. on 3" centers



**DEPENDABLE MACHINES:**

Backed by a strong 3/5-year warranty that includes **LIFETIME** on the blue powered prestretch rollers

**NON-PROPRIETARY - UL/CSA APPROVED COMPONENTS WHERE FEASIBLE**

The equipment is designed and built to conform to NFPA 70 NEC and NFPA 79 Electrical Standard for Industrial Machinery



**CREATIVE ENGINEERING:**

- ❖ **All electric – no pneumatic** air lines or noisy compressors required
- ❖ All motors, gearboxes and cables are totally enclosed and protected
- ❖ All AC motors
- ❖ Cousins Packaging uses the best available quality components
- ❖ We focus on using non-proprietary parts where feasible, so they are readily available locally





The Super Rapid Thread II film carriage is patented and is the most innovative carriage design to date. In the past, most manufacturers decided to use easy thread safety doors for the ease of film threading and safety. This reduced the “film-to-pre-stretch roller” contact area as indicated in figure 1 (Industry Winding Pattern with Safety Door). In addition to this, the idler rollers on the doors often fell out of alignment. These two issues increased what the industry refers to as film slippage.

People didn’t pay much attention to this in the past, though it could add up to thousands of dollars, often doubling film usage. Due to the increasing cost of stretch film, people started paying a lot more attention to their pre-stretch values and were astonished to discover huge differences.

This is the inspiration for the Super Rapid Thread II.

The Super Rapid Thread II has:

- The largest film to pre-stretch roller contact area of any machine on the market
- Only one floating nip roller on the access door that automatically aligns every time you close the door
- 2 nip/idler rollers are rigidly fixed (cannot move)
- No spring-loaded nip rollers
- Patented threading device for ease of threading
- One of the few carriages on the market that correctly puts the sticky side of the film against both the pre-stretch rollers and the inside of the load
- Safety electrical interlock - shuts the power off when the carriage access door is open
- Carriage anti-fall device. If the chain breaks the carriage can’t fall
- Carriage descent obstruction plate. Stops the carriage descent if an obstacle is detected

FIGURE 1

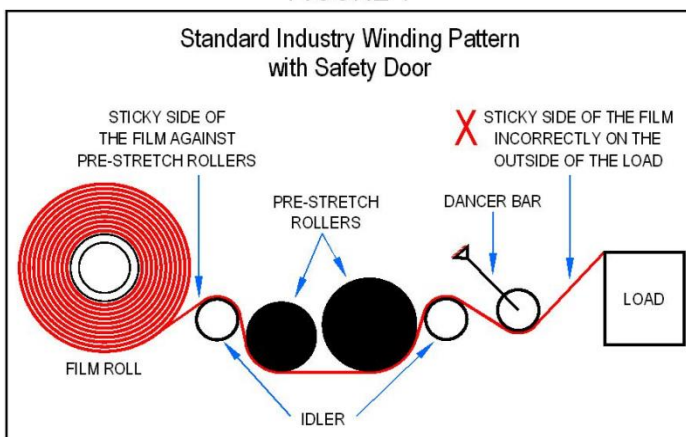
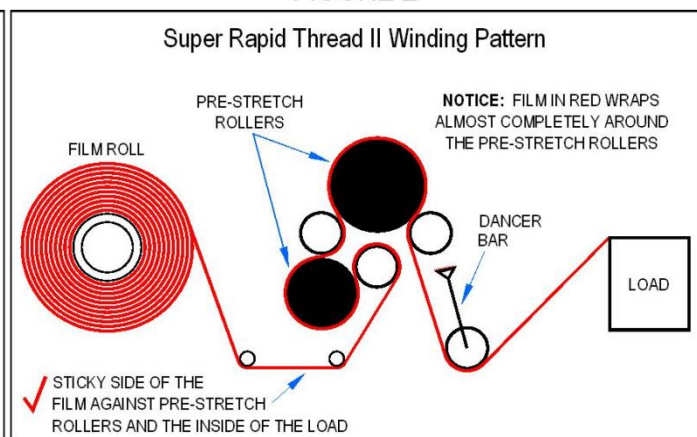


FIGURE 2



The film carriage is the most critical device on the machine.

**The SUPER RAPID THREAD II requires no tuning!!**

This line-up of pallet wrappers will make your buying decision easy!  
Choose between value, future automation or enjoy full automation now!

| Value   | Future Automation  | Full Automation <b>Now</b>   |
|---|--|--|
|                              |   |   |
| <b>LP2100-SRT</b><br>This model has more standard features than any other pallet wrapper in this price range. | <b>The Switch LP-SW</b><br>Only machine available that can be converted to a fully automatic on site at a later date by installing the patented A-Arm. | <b>The A-Arm LP-SWA</b><br>Operate the machine from the forklift with a wireless remote. No more getting on and off the forklift to attach and cut the film. |

**All models have these standard features:**

- ◆ All AC variable speed motors
- ◆ Super Rapid Thread II
- ◆ HMII operator interface with diagnostics
- ◆ Heavy duty surround deck on low profile turntable
- ◆ Lifting tubes front and rear for easy portability
- ◆ Lifetime warranty on pre-stretch rollers
- ◆ Warranty - 5 years on fabrications and 3 years on buyout components
- ◆ Superior safety features:
  - Film carriage anti-fall device
  - Film carriage descent obstruction safety switch
  - Film carriage door electrical interlock

Our standard line of pallet wrappers is designed to satisfy most applications but if needed, we can provide a time-tested and dependable option for any of your specific and/or unusual wrapping requirements. The standard machines can be equipped with options to handle larger, taller, heavier and unusual shaped loads. They can be designed to be used with standard or special material handling equipment. All environmental conditions can be met with options such as dusty, wet, cold, freezer and even explosion proof requirement packages.

## **ENGINEERED SYSTEM LINKS**

### ***Need a solution to a specific requirement or an engineered system?***

**Engineered System to Meet 3.5" Conveyor Height** – customer requested 3.5" conveyor to be loaded with pallet jacks without the aid of a scissor lift or an expensive pit that creates safety issues.

[3.5" Conveyor Passline Height for Pallet Jack Loading](#)

**Engineered System to Wrap Specific Products such as Concrete Blocks** – designed for the specific product

[7100 Wrapping Concrete Blocks](#)

**Automatic Top Sheet Dispensers** – protects the top of the load providing 5-sided load protection.

[6100 with top sheet dispenser and tab folders](#)

**Roping devices-** for added strength and/or allows air flow for products that need to breathe.

[Manual Roping Device](#)

**Roll (Cocoon) Wrappers** – completely encapsulates rolled products.

[Roll \(cocoon\) Wrapper](#)

**Window/Door Wrapper** – wraps individual windows or doors for added protection.

[Window/Door Wrapper](#)

**Heat Seal Device** - secures the film tail to keep it from unraveling during shipment.

[Heat Seal Device](#)

**Tab Folders** – folds up slip sheet tabs so they are captured by the film to protect against forklift damage.

[6100 with tab folders](#)

**Load Lifting Device** – lifts the load to insure the film wraps the entire pallet or to secure a tray/slipsheet.

[7100 with load lifting device](#)

**Systems with Unusual Product Flow** – product flow to satisfy space requirements or existing plant layout.

[3300-CTA with 90 degree outfeed](#)

**Explosion Proof Systems** – designed to meet plant environmental conditions or government regulations.

[3300-A explosion proof system](#)

**Auto Film Start** – cut the times the operator has to get off the forklift by 50% reducing injury risk.

[Auto Film Start and Manual Roper](#)

**SecurLoad** – one of our roping device options that can secure unusual shaped product to a pallet.

[SecurLoad Automatic Roping Device](#)

**Manual Roping** – the simplest way of using a rope for added strength or allowing product to breathe.

[Auto Film Start and Manual Roper](#)

## STANDARD TERMS, CONDITIONS AND WARRANTY

### TERMS:

On approved credit (OAC) and receiving company federal ID#, contact name & phone number required with order. These terms may change at the discretion of our accounting department.

Semi-Automatics and A-ARM Platform Automatics - 1/3 down payment with order, balance net 30 days after shipment.

Standard Conveyorized Automatics - 1/3 down payment with order, 1/3 prior to shipment, balance net 30 days after Shipment.

Special Engineered Systems/Machines - 30% down payment with order, 60% prior to shipment, balance net 30 days after shipment.

New Customers - 100% of balance paid prior to shipping.

### TAXES:

Applicable taxes not included.

### FOB POINT:

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

### SHIPPING PREPARATION:

Domestic - standard machines are wrapped in plastic and shipped upright. Machines with tower extensions are hinged and partially knocked down. No wood is used. Crating/palletizing is a factory quote.

International - All towers are completely knocked down to reduce shipping cost. There is a \$150 net charge for this package. Export crating is not included. Crating/palletizing is a factory quote.

Crating/palletizing does not take into account any unknown wood requirements or restrictions which may increase the cost of materials. Customer must provide any wood requirements or restrictions that apply for a factory quote.

### SHIPMENT:

Quoted lead time is from receipt of order, down payment, and approved drawings if applicable. Addition of options or changes to the order will add to the cost and lead time. The lead time is based on current production conditions and can change without notification.

### START-UP SUPERVISION:

Start-up supervision is available for \$960 per day (\$120/hour) plus expenses (including a 10% administration fee). Two days on-site are typically sufficient. Weekend and overtime start-ups will incur extra charges.

### WARRANTY:

Includes lifetime on blue pre-stretch rollers, 5 years on metal fabrications and 3 years on buyout components. See "Standard Machine Warranty" included in this proposal for complete warranty coverage terms and conditions.

### PRICE PROTECTION:

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

### CANCELLATION:

On all cancelled orders the buyer shall compensate Cousins Packaging for its performance, commitments and damages as follows:

- 1) Normally stocked items and standard semi-automatics without options - the buyer shall pay Cousins Packaging a cancellation fee determined by Cousins Packaging not to exceed 25% of the purchased price.
- 2) Semi-automatics with options, automatic systems, and special machines - the buyer shall pay all engineering, labor, and material costs used or committed to by Cousins Packaging plus 10% of the full purchase price. In no event shall the full amount exceed the purchase price.

### STANDARD MACHINE WARRANTY

Effective September 2016

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 from date of shipment as follows: lifetime on blue pre-stretch rollers, five (5) years for metal fabrications manufactured by Cousins Packaging and three (3) years for buyout components (items purchased by Cousins). Bought-out commercial OEM assemblies including lift-tables, air compressors, etc. are covered by the OEM's warranty. 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., Mississauga, Ontario, Canada.

### INSTALLATION/START-UP

#### CUSTOMER RESPONSIBILITIES:

- ❖ Unload, unpack and inspect the equipment for any freight damage (apparent or hidden). If There is damage the Bill of Lading will need to be signed, noting the damage. You will then need to file all necessary freight claims with the appropriate carrier.
- ❖ Remove all interfering equipment and clear the area where the equipment is to be installed.
- ❖ Assemble / erect subject equipment.
- ❖ Furnish all electrical wiring and connections per system requirements.
- ❖ Furnish any air connections if required.
- ❖ Integrate with any existing upstream and/or downstream equipment.
- ❖ Provide qualified technicians, operators, and maintenance personnel to start-up system.
- ❖ Lag system to the floor.

#### NOTES:

- 1) This work must be completed prior to the arrival of a technician if start-up supervision has been requested.
- 2) All start-up and training costs must be covered under a separate purchase order at prevailing rates. It is easier to track time, expenses, and materials.
- 3) Please allow a minimum of four (4) weeks for Scheduling start-up of systems.