



## “The Switch”

... the new, *modular, up-gradable*, high-end pallet wrapper - that grows right along with your business!

## Buy it two ways!

Buy the semi-automatic today and up-grade to a labor saving automatic later, with the *retro-fitable A-Arm* device;

OR start saving money immediately and improve productivity, with the optional *A-Arm* already installed, ready and waiting for you.



**The Switch** SEMI-AUTOMATIC



**The Switch** WITH *A-ARM* OPTION

Cousins smart engineering has developed an advanced cut and hold device, “*the A-Arm*”. It provides significant productivity gains and safety benefits. This technology is only available on a Cousins Machine.

Provided by: [www.PTIPackaging.com](http://www.PTIPackaging.com)

**Toll Free 1-800-472-0067 or [Contact Us Online](http://www.PTIPackaging.com)**

## **The Switch** comes in a low or high profile model



**LP-SW** low profile turntable  
(for forklift and pallet jack loading)



**HP-SW** high profile turntable  
(for forklift loading only)

The all new **Switch** will improve productivity and safety while saving you money!

### Some Special Switch Features:

- ❖ *The ability to be easily converted (in just minutes) to a labor saving, fully automatic A-ARM at a later date !!!!*
- ❖ 65" diameter turntable with heavy duty surround deck on the low profile (LP) model
- ❖ 67" x 67" maximum load size (up to a 96" load diagonal)
- ❖ Lifetime warranty on the pre-stretch rollers
- ❖ AC motor drives
- ❖ Superior safety features –
  - ✓ film carriage anti-fall device
  - ✓ film carriage obstruction sensor
  - ✓ film carriage door electrical interlock
  - ✓ anti-fall device for the arm (with **A-Arm** option)
  - ✓ automatic first revolution load scanning feature detects uneven or partially stacked top layers and automatically adjusts the **A-Arm** height clear of instructions (with **A-Arm** option)
- ❖ A unique, powered pre-stretch film carriage that provides maximum film-to-rubber roller contact. The threading method always places the sticky side of the film against both the rubber rollers and the inside of the load.



## Performance Inspired Super Rapid Thread II film carriage standard with The Switch

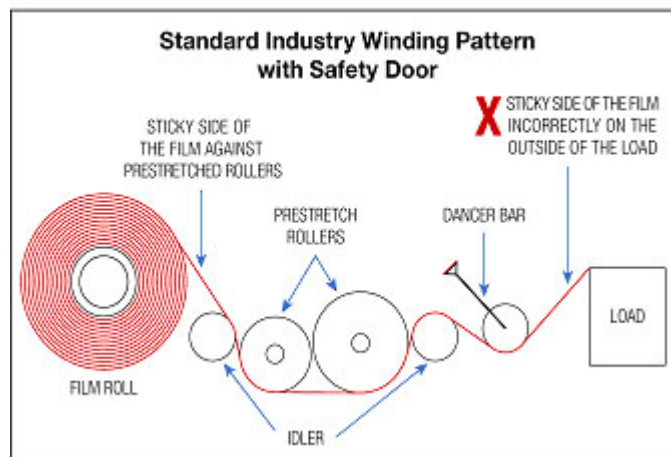


The **Super Rapid Thread II** film carriage is patent pending and is the most innovative carriage design to date. In the past, most manufacturers decided to use easy thread safety doors for the ease of film threading and safety. This reduced the “film-to-pre-stretch roller” contact area as indicated 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 other machine on the market.
- Only one floating nip roller on the access door that automatically aligns every time you close the door
- 4 nip/idler rollers are rigidly fixed (cannot move)
- No springs
- Patent pending threading device for ease of threading
- One of a 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 anti-descent plate. Stops the carriage descent if an obstacle is detected

FIGURE 1



The film carriage is the most critical device on the machine. It needs to be well designed and in the case of older models well tuned.

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



## OPTIONAL A-ARM FULL AUTOMATION FEATURE:

Can be purchased with *The Switch* or be installed on site at a later date.

The *A-Arm* device automatically attaches and cuts the stretch film.

Typically a stretchwrap machine operator will attach the film to the load, press the start button, wait for the cycle to end and then cut the film before removing the load.

That is a lot of wasted time!

Because the *A-Arm* attaches and cuts the stretch film, the operator is not jumping on and off the forklift and has no reason to be standing waiting for the machine cycle to finish.

They can be doing something else, like getting another load! So your productivity increases!

Revolutionary – *A-Arm* “ AUTOMATICALLY ATTACHES AND CUTS THE FILM FOR YOU! “

If your load application is fairly typical and standard, then you can save a bundle with the *A-Arm* automation device. The only time the operator touches the machine or the load is to change the film roll. Because the machine does not need a dedicated operator, your human resources are free to do other tasks while the machine cycles. With as few as 30 loads a day your savings will pay for the *A-Arm* in just 3 ½ months. *It is a whole lot safer, too!*

*“All Electric – No Pneumatics Required”*

The “patented” Cousins exclusive *A-Arm* film cut and hold device starts and ends the wrap process at the top of the load. This unique and different approach to attaching and cutting the stretch film provides you with these benefits:

- ❖ Selectable top banding capability
- ❖ Stabilizes the load early in the wrap cycle
- ❖ Places the ending film tail at the top of the load instead of the bottom
- ❖ There is no film clamp on the turntable that can be damaged by debris or operator error. This also eliminates the need for slip-rings to supply power onto the turntable, resulting in less maintenance
- ❖ Load placement on the turntable is not critical
- ❖ No air hook-ups or noisy compressors
- ❖ **New Automatic First Revolution Load Scanning Safety Feature detects uneven or partially stacked top layers and automatically adjusts the *A-Arm* height clear of obstructions**
- ❖ *A-Arm* Anti-Fall Safety Device
- ❖ *Ingenious and simplified engineering will give you years of reliable and problem free operation*



This chart shows the approximate **annual labor savings** provided by the *A-ARM*

Loads/Day	Attach & Cut Film (min)	Mins/Hr	Days/Year	Hourly Rate	Annual Savings
25	X 2.5	÷ 60	X 260	X \$15	= \$4,056.00
50	X 2.5	÷ 60	X 260	X \$15	= \$8,112.00
75	X 2.5	÷ 60	X 260	X \$15	= \$12,168.00



# ***The Switch*** HEAVY DUTY TURNTABLE PLATFORM SEMI-AUTOMATIC STRETCH WRAP SYSTEM SPECIFICATIONS

## **PRODUCTION SPEED:**

- ❖ Up to 35 loads per hour

NOTE: Process rates will vary with load size, number of wraps & forklift load/unload time

## **LOAD CAPACITY:**

- ❖ Maximum load weight: 4500# dynamic – 10,000# static
- ❖ LP - Maximum load size to safely clear the tower: 67" x 67" (96" load diagonal) x 80" H (plus up to 2" top overlap)
- ❖ LP - Maximum load size to remain inboard of the turntable: 46" W x 46" L (65" load diagonal) x 80" H (plus up to 2" top overlap)
- ❖ HP – Maximum load size: 67" W x 67" L (96" load diagonal) x 80" H (plus up to 2" top overlap)

## **LOW PROFILE TURNTABLE:**

- ❖ 65" Diameter laser-cut steel plate with surround deck protection
- ❖ Maintenance free - 54 roller bearing support system
- ❖ Turntable height 2.813" from floor
- ❖ ANSI # 50 direct chain drive c/w chain tensioner
- ❖ Between 3 and 12 RPM rotational speed c/w soft start acceleration
- ❖ 1/2 HP **AC** variable speed motor
- ❖ Final revolution deceleration and positive stop alignment
- ❖ Rugged surround deck for turntable protection, 3 sided loading and pit mounting
- ❖ Front and back forklift ports for easy movement
- ❖ Accu-Count exact turntable positioning system for ***additional film savings!***
- ❖ Optional loading ramp 60" long x 48" wide complete with 10" level porch area available

## **HIGH PROFILE TURNTABLE:**

- ❖ 48" Octagonal formed steel plate
- ❖ 4 point caster support system
- ❖ Turntable height less than 11" from floor
- ❖ ANSI # 50 direct chain drive c/w chain tensioner
- ❖ Between 3 and 12 RPM rotational speed c/w soft start acceleration
- ❖ 1/2 HP **AC** variable speed motor
- ❖ Final revolution deceleration and positive stop alignment
- ❖ Front and back forklift ports for easy movement
- ❖ Accu-Count exact turntable positioning system for ***additional film savings!***

## **FILM CARRIAGE ELEVATOR:**

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

## **FILM DELIVERY SYSTEM:**

- ❖ ***NEW Super Rapid Thread II™*** 20" capacity pre-stretch film carriage
- ❖ ***Special Film Threading Device – Uniquely orientates the sticky side of the film against the pre-stretch rollers and the inside of the load.***
- ❖ 1/2 HP AC variable speed motor
- ❖ Fully electronic dynamic dancer corner compensation
- ❖ 33% to 313% fixed stretch capability

**FILM DELIVERY SYSTEM (continued):**

- ❖ Pre-stretch ratio variable using easy sprocket change
- ❖ **Carriage Descent Obstruction Safety Shut-Off Device**
- ❖ Side mounted film carriage for operator convenience and safety
- ❖ Superior **film-to-roller** contact area
- ❖ **Lifetime warranty on pre-stretch rollers**

**CONTROL FEATURES:**

- ❖ Electronic controls with LED operator interface
- ❖ Power Off – On – Reset switch & Power On indicator light
- ❖ Single button Auto Wrap Cycle Start/Pause
- ❖ Cycle Pause for applying top sheets
- ❖ Reinforce Wrap control for mid-wrapping
- ❖ Emergency Stop button
- ❖ Turntable Jog button
- ❖ Film Carriage Lower & Raise buttons
- ❖ Film Tension (Force-to-Load) control
- ❖ Separate film carriage raise & lower speed controls
- ❖ Variable turntable speed control
- ❖ Triple beam automatic load height detection sensor for 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
- ❖ Non-proprietary UL/CSA approved components
- ❖ A – B – C wrap program selector with capability to input and store unique wrapping parameters for each program
- ❖ Wiring to be numbered and color coded to European standards.

**STRUCTURAL FEATURES:**

- ❖ All structural and formed steel construction
- ❖ Forklift truck portable base structure design – lifting tubes included for front and rear access
- ❖ Electro-static powder coated paint finish

**ELECTRICAL INPUT REQUIREMENTS:**

- ❖ 115 Volts 1 Phase 60 Hz 15 Amps with dedicated service



**All the programming options can be easily accessed by the LED operator interface.**

**Convenient and helpful diagnostic information regarding faults will appear on the screen.**



## Demo Units Available ! Contact Us !

MODEL	DESCRIPTION	SHIPPING WEIGHT	BASE PRICE
<a href="#"><u>HP-SW</u></a>	<a href="#"><u>Semi-Automatic – High Profile</u></a>	1,650 #	<b>\$ 8,590</b>
<a href="#"><u>LP-SW</u></a>	<a href="#"><u>Semi-Automatic – Low profile</u></a>	2,100 #	<b>\$ 8,690</b>
<a href="#"><u>HP-SWA</u></a>	<a href="#"><u>Switch with A-Arm full automation High profile</u></a>	2,200 #	<b>\$ 9,990</b>
<a href="#"><u>LP-SWA</u></a>	<a href="#"><u>Switch with A-Arm full automation Low profile</u></a>	1,750 #	<b>\$ 9,990</b>

### **SOME ADDITIONAL OPTIONS AVAILABLE FOR YOUR CONSIDERATION:**

A	Ramp for manual pallet jack loading (LP model only) - 48"W x 60"L	\$ 650
B	Wireless remote start/stop control in place of standard pendant - includes one transmitter	\$ 395
C	Additional transmitter for the wireless remote option (one included)	\$ 95
D	<a href="#"><u>A-Arm</u></a> retro-fit kit (option # SWKITS) for future installation (standard base)	\$ 1,695
E	<a href="#"><u>A-Arm</u></a> retro-fit kit (option # SWKITX) for future installation (for base extension option)	\$ 2,355
F	Starter spare parts kit	\$ 1,250
G	Tower extension for 110" wrap height capability (standard is 80") <i>NOTE: All machines with tower extensions will be hinged and shipped knocked-down</i>	\$ 800
H	Base extension <u>without</u> <a href="#"><u>A-Arm</u></a> option for maximum 120" diagonal (96" standard)	\$ 495
I	Base extension <u>with</u> <a href="#"><u>A-Arm</u></a> option for maximum 120" diagonal (96" standard)	\$ 1,350
J	Stack-light beacon c/w red & green lenses – indicates run, clear or fault conditions	\$ 530
K	Broken film/out of film detection c/w automatic machine reset and fault indication	\$ 390
L	Super Rapid Thread II™ 30" carriage - without <a href="#"><u>A-Arm</u></a> option	\$ 950
M	Super Rapid Thread II™ 30" carriage - with <a href="#"><u>A-Arm</u></a> option	\$ 1,300
N	High Profile Dual turntables - <i>add a second turntable to increase production rate (for HP-SW only)</i>	\$ 3,700
O	Low Profile Dual turntables - <i>add a second turntable to increase production rate (for LP-SW only)</i>	\$ 5,300
P	LOW PROFILE SCALE PACKAGE - Built-in Load Cells c/w Digital Weight Indicator <i>Note: reduces maximum load capacity to 4,000#</i>	\$ 6,390
Q	Heavy Duty Scale Ramp for use with built-in load cells	\$ 800
R	HIGH PROFILE SCALE PACKAGE - Platform Scale 8ft x 3ft c/w Digital Weight Indicator <i>Note: reduces maximum load capacity to 4,000#</i>	\$ 5,540
S	HIGH PROFILE SCALE PACKAGE - Built-in Load Cells c/w Digital Weight Indicator <i>Note: reduces maximum load capacity to 4,000#</i>	\$ 6,190



## STANDARD TERMS AND CONDITIONS

### TERMS:

- ❑ 1/3 down payment with order, balance net 30 days after shipment on approved credit (OAC) - receiving company federal ID#, contact name & phone number required with order. These terms may change at the discretion of our accounting department.

### TAXES:

- ❑ Applicable taxes not included.

### FOB POINT:

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

### SHIPMENT:

- ❑ Approximately 2 - 3 weeks from receipt of order and down payment (and approved drawings if applicable). Addition of options may add to lead-time. This lead-time is based on current production conditions and can change without notification.

### 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:

- ❑ Lifetime on blue pre-stretch rollers, 5 years on metal fabrications and 3 years on buyout components. (see below).

### PRICE PROTECTION:

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

## STANDARD MACHINE WARRANTY

Effective May, 2011

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). 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.