

EXCLUSIVELY FROM



The 4100-45 Conveyorized Automatic

Up to 45 loads per hour

Twin "V" belt drive assembly double flange bearing support Speed 1 to 14 RPM

Stack-light allows operators to monitor system operation and faults

PANASONIC FP-X PLC with HMI Touchscreen Operator Interface

HD structural steel tube frame

72" H safety fence with operator access interlocked gate

Long lasting electro-static powder coat paint process

"Super Rapid Thread II" pre-stretch film carriage

4000# rated conveyor at 18" high 2.5" dia. rollers on 3" centers 54" effective width with soft start VAC controls and auto staging photo-eyes

The standard system includes 5' infeed, 11' process and 5' outfeed conveyors

Your system can be equipped with any device that the application requires

- ❖ Additional Conveyors
- ❖ Automatic Top Sheet Dispensers
- ❖ Top Platen/Hold Down Device
- ❖ 90° Transfers
- ❖ Heat Seal Device to Secure Film Tails
- ❖ Turntables
- ❖ Frame Extensions for Larger Load Sizes
- ❖ Non-standard PLC/ Controls
- ❖ Lifting Device to Wrap Under Pallet
- ❖ Scales

- ❖ Design features/ adjustments that eliminate film breaks reducing downtime.
- ❖ A quality machine built with quality components and supported by a local qualified distributor.

We invite you to go online at www.cousinsspackaging.com for more information or call your local distributor.

1 888 209 4344

4100-45 DESIGN FEATURES/SPECIFICATIONS

PRODUCTION SPEED:

- ❖ 1-45 loads per hour
- ❖ **NOTE:** Process rates will vary with load size, number of wraps & conveyor speed

LOAD CAPACITY:

- ❖ 4000# Capacity
- ❖ 50" L x 50" W x 80" H max load size (24" minimum height)
- ❖ **NOTE:** Larger load size options are available

CONVEYORS:

- ❖ 2.5" diameter rollers on 3" centers
- ❖ 54" effective roller width
- ❖ Standard system includes 5' infeed, 11' process and 5' outfeed conveyors



FILM CARRIAGE:

- ❖ Super Rapid Thread II pre-stretch film carriage
- ❖ Safety door with auto cut-off switch
- ❖ Special Film Threading Device – Uniquely orientates the sticky side of the film against the pre-stretch rollers and the inside on the load.
- ❖ ½ HP DC variable speed motor
- ❖ 33% to 313% fixed stretch capability
- ❖ Superior film-to-roller contact area
- ❖ **Lifetime warranty on pre-stretch rollers**



CONTROLS:

- ❖ PANASONIC FP-X Programmable Logic Controller (PLC)
- ❖ HMI Touchscreen Operator Interface Panel
- ❖ Wrap Bypass mode selector switch
- ❖ Separate film carriage elevator raise & lower speed controls
- ❖ Separate 1 to 12 revolution top & bottom wrap control
- ❖ Broken film/out of film detection c/w automatic machine reset and fault beacon light
- ❖ Rotary arm and film carriage elevator dynamic braking
- ❖ NEMA 12 control panel and junction boxes
- ❖ Dust tight slip ring assembly
- ❖ Non-proprietary UL/CSA approved components
- ❖ **3 Year Warranty on components**

ARM/TOWER DESIGN:

- ❖ Double flange bearing support system
- ❖ Twin V-belt drive pulleys with belt tensioner
- ❖ 1-14 RPM rotational speed c/w soft start acceleration
- ❖ ½ HP DC variable speed motor
- ❖ Dust tight slip ring assembly
- ❖ Final revolution deceleration and positive stop alignment
- ❖ Heavy Duty Formed/Structural Steel
- ❖ Electro-static powder coated paint finish
- ❖ **5 Year Warranty on Steel Fabrications**

