

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

HD structural steel tube frame

Stack-light allows operators to monitor system operation and faults

PANASONIC FP-X PLC with HMI Touchscreen Operator Interface

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' INFEEED, 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.

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

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

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

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

THE 4100-45

DESIGN FEATURES/SPECIFICATIONS



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