The 6100 Conveyorized Automatic

6100-45 for up to 45 loads per hour    6100-65 for up to 65 loads per hour

- HD structural steel construction
- Super Rapid Thread II power pre-stretch film carriage
- Ring gear bearing turntable support
- 4000# rated conveyor - 18” passline 2.5” dia. Rollers on 3” centers - 54” effective width – soft start VAC controls and automatic load staging photo-eyes
- Stacked lights monitor system operation and faults
- Safety rail fencing with interlocked gate
- Long lasting electro-static powder coat paint process

The standard system includes 5’ infeed and 5’ outfeed powered 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.cousinspackaging.com for more information or call your local distributor.

1 888 209 4344
6100 DESIGN FEATURES/SPECIFICATIONS

PRODUCTION SPEED:
- **6100-45**: 1-45 loads per hour  
- **6100-65**: 1-65 loads per hour  
- **NOTE**: Process rates will vary with load size, number of wraps & conveyor speed

LOAD CAPACITY:
- 4000# Capacity  
- 52” L x 52” 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 and 5’ outfeed powered conveyors

FILM CARRIAGE:
- Super Rapid Thread II pre-stretch film carriage  
- 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  
- Carriage Descent Safety Shut-Off Device  
- Superior film-to-roller contact area  
- **Lifetime warranty on pre-stretch rollers**

CONTROLS:
- **6100-45**: Panasonic FP-X PLC  
  HMI Touchscreen Operator Interface Panel  
- **6100-65**: Allen-Bradley MicroLogix 1400 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

TURNTABLE/TOWER DESIGN:
- Heavy duty ring bearing – gear/pinion drive  
  - **6100-45**: 1 - 15 RPM 1 HP DC variable speed motor  
  - **6100-65**: 1 - 20 RPM 3 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