



**MODEL 3300-CTA
HEAVY DUTY CONVEYORIZED AUTOMATIC STRETCH WRAP SYSTEM
GENERAL SPECIFICATIONS**

PRODUCTION SPEED

- 1-40 loads per hour
- NOTE: Process rates will vary with load size, number of wraps & forklift load/unload time
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LOAD CAPACITY

- Maximum load weight: 4,000# dynamic – 12,000# static
 - Maximum load size: 48" W x 48" L (68" max. load diagonal) x 80" H (plus up to 4" top overlap)
 - Minimum load size: 30" W x 30" L x 24" H
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TURNTABLE

- 72" diameter 3/8" thick laser-cut steel plate with 5" skirt
 - Front and side cut-outs with UHMW flexible contouring for fork truck access
 - 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 DC variable speed motor c/w turntable holding brake
 - Final revolution deceleration and positive stop alignment
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**FILM CARRIAGE
ELEVATOR**

- 1/2 HP DC variable speed motor
 - ANSI #40 direct chain drive c/w shock dampener & **Anti-Fall Safety Device**
 - Maintenance free 12 point carriage guidance system
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**FILM DELIVERY
SYSTEM**

- **Super Rapid Thread**™ 20" capacity pre-stretch carriage with *Patent Pending* pressure balanced nip roller system
 - 1/2 HP DC variable speed motor
 - Fully electronic dynamic dancer corner compensation
 - 33 to 313% fixed stretch capability
 - Pre-stretch ratio variable by easy sprocket change
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FILM DELIVERY SYSTEM

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- **Rapid Thread™ Safety Door with auto power cut-off switch**
- **Carriage Descent Obstruction Safety Shut-Off Device**
- Side mounted film carriage for operator convenience and safety

POWERED ROLLER CONVEYOR

Basic system includes: 72" dia. powered Process/Turntable section & 5 ft. Gravity Outfeed section

Turntable section includes:

- Chain driven live roller type conveyor
- Rated 4,000# per section
- 2-1/2" diameter 11 gauge rollers c/w 11/16" hex axles on 3" centers
- ANSI # 40 roller to roller chain drive
- 50" effective roller width
- Conveyor speed variable up to 30 FPM with electronic soft start
- Pass-line height – 16-1/2" from floor to top of rollers
- 1/2 HP DC variable speed motor

AUTOMATION FEATURES**"All Electric – No Pneumatics Required"**

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

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
- Film Clamp Open/Close button
- Eject Load (Turntable Conveyor Jog) button
- Film Tension (Force-to-Load) Control
- Selectable Reduced Bottom Film Force parameter for wrapping bottom of load

CONTROL FEATURES

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- Separate film carriage raise & lower speed controls
- Variable turntable speed control
- Triple beam auto load height sensing photo-eye, detects dark or shiny loads
- Separate 1 to 12 revolution top & bottom wrap control
- Gravity conveyor full photo-eye
- Broken film/out of film detection c/w automatic machine reset
- Stack-light beacon indicates run, clear or fault conditions
- Pendant Start/Stop push-button station for remote operator control – optional lanyard or wireless remote control available
- NEMA 12 control panel enclosure
- Non-proprietary UL/CSA approved components

STRUCTURAL FEATURES

- All structural steel construction
- Forklift truck portable base structure design – lifting tubes included for front and rear access
- Fully guarded structural steel H-beam machine tower
- Electro-static powder coated paint finish

ELECTRICAL INPUT REQUIREMENT

- 115 Volts 1 Phase 60 Hz 20 Amps
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