



MODEL MX3300-A
A-ARM HEAVY DUTY CONVEYORIZED AUTOMATIC STRETCH WRAP SYSTEM
GENERAL SPECIFICATIONS

PRODUCTION SPEED

- 1-35 loads per hour

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

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 (+ up to 4" top overlap)
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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 taper-roller 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 drive 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
 - Flat Belt & Pulley with Carriage Anti-Fall Device
 - Maintenance free 12 point carriage guidance system
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FILM DELIVERY SYSTEM

- **Rapid Thread**™ 20" capacity pre-stretch film carriage
- 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
- **Rapid Thread**™ (Safety Door) with auto power cut-off switch
- Carriage descent obstruction shut-off device for additional safety
- Side mounted film carriage for operator convenience and safety

POWERED ROLLER CONVEYOR

Basic system: 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
- All rollers ANSI # 40 chain driven, roller to roller
- 50" effective roller width
- Conveyor speed variable up to 28 FPM with electronic soft start
- Pass-line height – 16-1/2" from floor to top of rollers
- 1/2 HP DC variable speed motor X

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
- Eject Load (Turntable Conveyor Jog) Button
- Film Tension (Force-to-Load) Control
- Selectable Reduced Film Tension parameters for wrapping top and/or bottom of load
- Separate Film Carriage Raise & Lower Speed controls
- Variable Turntable Speed Control

CONTROL FEATURES

...continued...

- Triple Beam Automatic Load Height Detection sensor for 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
 - Remote pendant start switch
 - NEMA 12 control panel enclosure
 - Non-proprietary UL/CSA approved components
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**AUTOMATION
FEATURES****“All Electric – No Pneumatics Required”**

“Patent Pending” Cousins exclusive patent pending **A-Arm** cut and clamp device starts and ends the wrap process at the top of the load. This uniquely 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
 - Eliminates the need of a film clamp power source on the turntable for easier maintenance
 - No air hook-ups or noisy compressors
 - Load placement on the turntable is not critical
 - There is no film clamp on the turntable that can be damaged by debris or operator error
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**STRUCTURAL
FEATURES**

- All structural steel construction
 - Forklift truck portable base structure design – lifting tubes included for front and rear access
 - Structural steel tube machine tower c/w sheet metal covers
 - Electro-static powder coated paint finish
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**ELECTRICAL INPUT
REQUIREMENT**

- 115 Volts 1 Phase 60 Hz 20 Amps
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