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**MODEL HP 2100X-A  
A-ARM HEAVY DUTY TURNTABLE PLATFORM AUTOMATIC  
STRETCH WRAP SYSTEM GENERAL SPECIFICATIONS**

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**PRODUCTION SPEED**

- 1-35 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: 5,000# dynamic – 10,000# static
  - Maximum load size: 50" W x 50" L (71" max. load diagonal) x 80" H (plus up to 2" top overlap)
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**TURNTABLE**

- 48" octagonal 5/16" thick formed steel plate turntable
  - 4 point caster support system
  - Turntable height less than 11" from floor
  - ANSI # 50 direct chain drive c/w chain tensioner
  - 3-12 RPM rotational speed c/w soft start acceleration
  - 1/2 HP DC variable speed motor
  - Final revolution deceleration and positive stop alignment
  - Front & back forklift ports for easy movement
  - Accu-Count exact turntable positioning system for *additional film savings!*
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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
- **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

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**AUTOMATION FEATURES****“All Electric – No Pneumatics Required”**

**“Patent Pending”** Cousins exclusive patent pending **A-Arm** film cut and hold 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
- There is no film clamp on the turntable that can be damaged by debris or operator error – also eliminates the need for slip-rings to supply power onto the turntable for less maintenance
- Load placement on the turntable is not critical
- No air hook-ups or noisy compressors
- **Automatic First Revolution Load Scanning Safety Feature** detects uneven or partial stacked top layers and automatically adjusts A-Arm height clear of obstructions
- **A-Arm Anti-Fall Safety Device**

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**CONTROL FEATURES**

- **PANASONIC** PLC with Touchscreen Operator Interface
- Power Off – On – Reset switch & Power On indicator light
- Single button Auto Wrap Cycle Start/Pause
- Cycle Pause for applying top sheets
- Reinforce Wrap control for mid-wrapping
- Emergency Stop button
- Turntable Jog button

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**CONTROL FEATURES**  
...continued...

- Film Carriage Lower & Raise buttons
- Film tension (Force-to-Load) control
- 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
- Selectable Reduced Film Tension parameters for wrapping top and/or bottom of load
- A – B – C Wrap Program selector with capability to input and store unique wrapping parameters for each program
- 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
- **3 wrap modes:** automatic spiral wrapping / automatic top banding / semi-automatic

***3 machines in one!***

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**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
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**ELECTRICAL INPUT REQUIREMENTS**

- 115 Volts 1 Phase 60 Hz 15 Amps
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