



**MODEL 4100-35 FA TITAN "ULTRA" OVERHEAD
FLOOR AUTOMATIC STRETCH WRAP SYSTEM
GENERAL SPECIFICATIONS**

PRODUCTION SPEED

- 1-35 loads per hour

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

LOAD CAPACITY

- Maximum load weight: Unlimited – Floor loaded
 - Maximum load size: 50" W x 50" L x 86" H (71" max. load diagonal)
 - Minimum load size: 30" W x 30" L x 24" H
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ROTARY ARM

- Double flange bearing support system
 - Twin V-belt drive pulleys with belt tensioner
 - 1-12 RPM rotational speed c/w soft start acceleration and positive stop alignment
 - 1/2 HP DC rotary arm drive motor
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**FILM CARRIAGE
ELEVATOR**

- 1/2 HP DC variable speed motor
 - Direct flat belt drive system
 - 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
 - 110 to 313% fixed stretch capability (shipped fixed at 250%)
 - Pre-stretch ratio variable by easy sprocket change
 - **Rapid Thread**™ (Safety Door) with auto power cut-off switch
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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
- Film Carriage Lower/Raise Buttons
- Film Clamp Open/Close Button
- Film Tension (Force-to-Load) Control
- Selectable Reduced Bottom Film Force parameter for wrapping bottom of load
- Separate Film Carriage Raise & Lower Speed controls
- Variable Rotary Arm Speed Control
- Triple Beam Automatic Load Height Detection sensor for dark or shiny loads
- Separate 1 to 12 Revolution Top & Bottom wrap control
- Broken film/out of film detection c/w automatic machine reset
- Stack-light beacon indicates run, clear or fault
- Remote pendant start switch
- Rotary arm and film carriage elevator dynamic braking system
- NEMA 12 control panel and junction boxes
- Dust tight slip ring assembly
- Non-proprietary UL/CSA approved components

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

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

STRUCTURAL FEATURES

- All structural steel construction
- Integral structural steel wall/floor mounting stand
- Electro-static powder coated paint finish

SAFETY FEATURES

- Personnel safety – rotary arm obstruction emergency stop sensor
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**ELECTRICAL INPUT
REQUIREMENT**

- 115 Volts 1 Phase 60 Hz 15 Amps
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