



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

Note: A choice of five different frame variations are available allowing these systems to be tailored to suit specific floor space, material handling and wrapping requirements. Select from wall-mount (WM), post-mount (PM), free-standing rear mount (FSR), free-standing 3-post (FS3), and free-standing 'U'-shaped (FSU) frame versions.

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 supported)
 - Maximum load size: 50" W x 50" L (71" max. load diagonal) x 86" H (plus up to 4" top overlap)
 - Minimum load size: 24" W x 24" 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
 - Final revolution deceleration and positive stop alignment
 - 1/2 HP DC variable speed 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**

- **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
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**FILM DELIVERY
SYSTEM**
...continued...

- Pre-stretch ratio variable by easy sprocket change
- **Rapid Thread™ Safety Door with auto power cut-off switch**

**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
 - Single button Auto Wrap Cycle Start/Pause
 - Cycle Pause for applying top sheets
 - Reinforce Wrap control for mid-wrapping
 - Emergency Stop button
 - Rotary Arm Jog button
 - Film Carriage Lower/Raise buttons
 - Film Clamp Open/Close button
 - Film tension (Force-to-Load) control
 - Separate film carriage raise & lower speed controls
 - Variable rotary arm 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 Bottom Film Force parameter for wrapping 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
 - Stack-light beacon indicates run, clear or fault conditions
 - 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
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**STRUCTURAL
FEATURES**

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

SAFETY FEATURES

- **Rotary Arm Obstruction Emergency Safety Stop Sensor**

**ELECTRICAL INPUT
REQUIREMENT**

- 115 Volts 1 Phase 60 Hz 15 Amps
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