



**MODEL 4100 TITAN FS3 ROTARY ARM (OVERHEAD)
SEMI-AUTOMATIC STRETCH WRAP SYSTEM
GENERAL SPECIFICATIONS**

Note: FS3 refers to the machine support frame style. Includes a free-standing frame making the machine independent and able to be placed almost anywhere. It can be loaded from the front and both sides.

PRODUCTION SPEED

- 1-30 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: Unlimited (floor supported)
 - Maximum load size: 50" W x 50" L (71" max. load diagonal) x 86" H (plus up to 4" top overlap)
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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 II**™ 20" capacity pre-stretch film carriage
 - *Special Film Threading Device – Uniquely orientates the sticky side of the film against the pre-stretch rollers and the inside of the load.*
 - 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**
 - Superior **film-to-roller** contact area
 - Lifetime warranty on pre-stretch rollers
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CONTROL FEATURES

- Simple to operate
 - **PANASONIC PLC**
 - Power Off – On – Reset switch & Power On indicator light
 - Single button Auto Wrap Cycle Start/Pause
 - Cycle Pause for applying top sheets
 - Base or Top Wraps First program
 - Reinforce Wrap control for mid-wrapping
 - Up Only or Up/Down wrap program
 - Emergency Stop button
 - Rotary Arm Jog switch
 - Film Carriage Lower/Raise switch
 - Film tension (Force-to-Load) control
 - Separate film carriage raise & lower speed controls
 - Variable rotary arm speed control
 - Rotary arm and carriage elevator dynamic braking system
 - Triple beam type auto load height sensing photo-eye, detects dark or shiny loads
 - Separate 1 to 9 revolution top & bottom wrap control
 - NEMA 12 control panel enclosure
 - 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
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SAFETY FEATURES

- **Rotary Arm Obstruction Emergency Safety Stop Sensor**
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ELECTRICAL INPUT REQUIREMENT

- 115 Volts 1 Phase 60 Hz 15 Amps
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