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**MODEL 4100 HERCULES FS OVERHEAD  
SEMI-AUTOMATIC STRETCH WRAP SYSTEM  
GENERAL SPECIFICATIONS**

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**PRODUCTION SPEED**

- 1-40 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: 56" W x 56" L (79" max. load diagonal) x 80" H (plus up to 4" top overlap)
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**ROTARY ARM**

- 20" diameter ring bearing support
  - ANSI # 60 direct chain drive c/w chain tensioner
  - 3-15 RPM rotational speed c/w soft start acceleration
  - Final revolution deceleration and positive stop alignment
  - 3/4 HP DC variable speed motor
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**FILM CARRIAGE  
ELEVATOR**

- 1/2 HP DC variable speed motor
  - ANSI # 40 direct chain drive c/w shock dampener
  - 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**
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**CONTROL FEATURES**

- Simple to operate
- **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
- Base or top wraps first wrap program
- Reinforce Wrap control for mid-wrapping
- Up Only or Up/Down wrap program
- Emergency Stop button
- Rotary Arm Jog button
- Film Carriage Lower & Raise buttons
- 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 12 revolution top & bottom wrap control
- A – B – C wrap program selector with capability to input and store unique wrapping parameters for each program
- NEMA 12 control panel enclosure
- Dust tight slip ring assembly
- Non-proprietary UL/CSA approved components

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**STRUCTURAL FEATURES**

- Heavy duty structural steel construction
- Four (4) post free-standing floor mounted design
- 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 20 Amps
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