

WRT-150

Column-Mounted Rotary Arm Stretch Wrapper

Floor mounted model
Quiet operation
Counterweighted rotary arm
25" ring gear bearing drive/support
AC variable frequency drives and motors for safe, reliable performance and minimal maintenance
20" NO-THREAD* powered pre-stretch carriage with 50-300% pre-stretch
Rotary arm speed up to 12 RPM
Oversize load flexibility
Unlimited load weight capacity
40-50 loads per hour

Production Rate: Up to 50 loads per hour *
Load Size: 56"W x 56"L x 80"H (80" diagonal)
Load Weight: Unlimited
Machine Dimensions: 130"W x 165½"L x 117½"H **
Approximate Shipping Weight: 2,050 lbs.
Electrical Requirements: 120V/1/60 15A

Controls:

- * Allen Bradley Micrologix 1200 PLC
- * 24V control system
- * Current overload protection
- * NEMA 412 control cabinet with quick disconnect
- * Auto-height sensing photo-eye with on/off switch
- * Power on/off switch and indicator light
- * Start/stop push button
- * Large emergency stop (push pull type) on control panel
- * Manual carriage up/down switch
- * Variable rotary arm speed (12 RPM)
- * Separate up and down carriage speeds
- * Separate top and bottom wrap selectors (0-9)
- * Reinforce wrap manual rotation control
- * Positive arm alignment controlled by proximity sensor
- * Top cover pause switch (Splash-proof Program)
- * Spiral up or spiral up/down switch
- * Film force to load control
- * Double brush dust tight slip ring
- * Emergency stop sensor for arm path obstruction
- * Panel can be located up to 10' from machine frame

Rotary Arm Drive:

- * 25" Heavy duty Ring GEAR Bearing, with Pinion GEAR Drive
- * 12 RPM variable speed
- * ¾ HP AC motor with variable frequency drive
- * Electronic soft start/stop
- * Positive arm alignment controlled by proximity sensor
- * Protection guard over the ring gear

Structure:

- * Floor mounting integrated design (10 anchor points)
- * 10" square tubing column
- * Heavy duty structural steel construction
- * Easy access to all components
- * Swivel option available

Anchoring Requirements:

- * Recommend using heavy-duty expansion shields of 3/4" diameter thread size with a minimum anchor depth of 4" in concrete.
- * To be I-beam (6" to 8") mounted, there are 2 anchors at the bottom and also 2 bolts on the top of the machine frame.

Technical Information:

- * The machine is provided with a manual including electro-mechanical schematics and drawings
- * Trouble shooting guide
- * Installation instructions

Warranty:

- * 4-year unlimited cycle warranty
- * 10-year warranty on 25" ring gear bearings
- * 10-year warranty on structural frame
- * Lifetime warranty on pre-stretch rollers' blue compound

*Production rate based on load configuration and machine options.
**Overall dimensions of machine in operation.

Film Delivery System:

- * 20" NO-THREAD* Powered Pre-Stretch Carriage
- * 1 HP AC motor with Allen Bradley variable frequency drive
- * 50-300% prestretch ratio (preset to customer spec, Std 200%)
- * Electronic film tension control with analog sensor
- * Lexan roller cover for operator safety
- * Film force release for easy pull at start and end of cycle
- * Angled carriage to wrap approximately 2" from floor level

Film Carriage Drive:

- * ¾ HP AC motor with variable frequency drive
- * Two #50 chain carriage lifts for safety
- * Dual ½" CRS ways with UHMW-PE carriage glides
- * Dual structural steel supporting boom
- * Power track for efficient guiding of wires

Turntable:

- * 65" dia. 3/8" steel plate
- * 32 heavy duty non metallic lube-free table supports
- * 3" table height
- * 2-3/8" high base with full surround for safety and strength
- * Ramp accessible on all three sides

Turntable Drive:

- * 0-12 RPM variable speed
- * ¾ HP AC motor with Allen Bradley variable frequency drive
- * #50 ANSI heavy duty chain drive
- * Electronic soft start/stop
- * Positive turntable alignment controlled by proximity sensor

