

WCRT-175 - Automatic Rotary Arm Stretch Wrapper

STANDARD FEATURES

- 5,000 lbs load weight capacity (optional 6000 lbs)
- The control panel is UL508A approved
- 25" ring gear with pinion gear drive
- Superior Electrical/Electronic Design including Allen Bradley MicroLogix 1400 PLC with an integrated Ethernet port. logic control
- Wulftec's exclusive 20" NO-THREAD® Powered Pre-Stretch Carriage (30" optional)
- Lifetime warranty on prestretch rollers blue compound
- Readily available non-proprietary parts
- Conveyor rollers 2 1/2" diameter on 3" centers for smooth operation
- Motors speed control are made through AC frequency drives (except conveyors with contactors)
- Allen Bradley Monochrome Touch Screen – play an active part in avoiding operator errors by offering a great versatility for customized information and alarm diagnostic



OPTIONS

Carriage

- 30" NO-THREAD® Powered Pre-Stretch Carriage
- Carriage adaptor bracket for 20" film on 30" carriage
- Pneumatic roping dual
- Pneumatic roping single

Controls

- Allen Bradley drives - basic system
- Communication bypass mode
- Forward / Reverse Lanyard remote
- Remote push button station
- Warning Alarm / Horn

Conveyors

- Add 5' infeed and outfeed conveyors

Extension

- Wrap arm diameter extension: 92" & 104"
- Wrap height extension: 92" & 104"

Heat seal

- Arm mounted cut & seal

Heat Seal

- Conveyor side mounted heat seal

Motors

- Wash down motors
- Wash-down motors on conveyor

Paint

- Custom color
- Epoxy paint
- Steel-it paint

Photoeye

- Dark load detection
- Forklift detection

Safety

- Safety Package

Scale

- Electronic scale

Temperature package

- Cold A (32 to 41°F / 0 to 5°C)
- Cold B (5 to 32°F / -15 to 0°C) - Without process conveyor
- Cold C (-31 to 5°F / -35 to -15°C)
- Fan & Exhaust
- Warm A (up to 115°F / up to 46°C)
- Warm B (104°F / 40°C and up)

Top platen

- Electric top platen

SPECIFICATIONS

Production Rate	60 loads per hour	Rotary Arm Drive	25" Heavy duty Ring GEAR Bearing, with Pinion GEAR Drive 15 RPM variable speed Dual steel boom rotary arm 1 HP 230VAC motor with Allen Bradley variable frequency drive Electronic soft start/stop Positive arm alignment controlled by "Proximity Sensor" Dynamic braking system for rotary arm with AC drive Protective guard covering ring gear	
Machine Dimensions	138" L x 141" W x 142" H			
Maximum Load Size	48" L x 48" W x 80" H			
Maximum Load Weight	5000 lbs(6000 lbs*)			
Approx. Shipping Weight	3700 lbs			
Electrical Requirements	230 V /3 ph /60Hz 15A			
Pneumatic Requirements	3 cfm @ 80 psi			
Controls	NEMA 4/12 control cabinet with quick disconnect Allen Bradley PanelView Plus 600 color touch screen interface Allen Bradley CompactLogix L16ER PLC with an integrated Ethernet port Separate top and bottom wrap selections (0-9) Separate up and down carriage speeds Manual conveyor jog fwd only (fwd/rev optional*) Film force to load control & more	Conveyor	Standard pass height 18" Powered process conveyor, 11'-6" long (Other pass heights available, please consult factory*) 2- 1/2" diameter rollers on 3" centers 52" BFR (between frame rails) 3/16" walls cold rolled electric welded steel rollers All rollers driven via #40 chain 1 HP 230VAC motor with contactor starter Heavy-duty structural steel design, interlocking style for continuous equal roller spacing Heavy-duty cast iron flange mounted bearings 30 FPM Fix speed (Other optional speeds available*)	
Structure	Heavy duty structural steel construction: easy access to all components Free standing integrated 3 legs design Safety fencing with security door			
Film Delivery System	Lifetime warranty on pre-stretch rollers blue compound 20" NO-THREAD® Powered Pre-Stretch Carriage Film force release for easy pull at start & end of cycle 50-300% pre-stretch ratio (preset to customer spec, Std 200%) Electronic film tension control with analog sensor Sensing device for film out/broken with visual alarm Lexan roller cover for operator safety			
Film Tail Treatment	Automatic film clamping device Pulsed controlled cutter Film alignment arm Brush-on film tail treatment (Heat Seal treatment optional*)			
Film Carriage Drive	Emergency stop for arm path obstruction Angled carriage to wrap approx. 2" from conveyor level 1 HP AC motor with Allen Bradley variable frequency drive Two #50 carriage lifting chains Dual steel supporting boom Power track for efficient guiding of wires Machined UHMW-PE carriage glides on 1/2" CRS rails			
			Safety	The Wulftec wrapping system is equipped with 3 photoeyes which monitor access points to wrapping zone and prevent accidental insertion of foreign object during wrapping 2 E-Stop mushroom type push buttons: 1 on control panel, and 1 in wrapping zone (Additional E-Stop are available upon request*) Wrapping zone enclosed by heavy-duty personnel obstruction fencing. Complete with electronically interlocked access door An object obstruction safety device stops the machine functions should there be any interference in the wrapping area
			Warranty	3-year unlimited cycle warranty 10-year warranty on steel structure 10-year warranty on 25" ring gear bearings Lifetime warranty on pre-stretch rollers' blue compound



Errors and changes reserved. All logos and brands used are registered trademarks or brands of the manufacturer.
*Optional feature