



Professional Packaging Systems

2010 S. Great Southwest Parkway
Grand Prairie, Texas 75051
www.ProPac.com

Contact

Our Packaging Experts
solutions@propac.com
888-318-0083

Wulftec WCA-SMART Automatic Turntable Stretch Wrapper



At a Glance

- Extra heavy-duty, portable ring-gear driven high-profile turntable
- Up to 70 pallet loads per hour
- 4000 max load weight
- 20 inch NO-THREAD powered pre-stretch carriage for quick, easy and safe film loading
- These stretch wrappers are built to last forever
- Best warranties in the stretch wrapper industry

Buy your [stretch film](#) from us, and get a discount on this Wulftec stretch wrapper!

Pricing

Call us at **888-318-0083**

Many options are available. Complete details will need to be finalized to determine requirements and final system costs. Work with your Pro Pac representative to build this machine to your specifications.

Extra Heavy Duty Ring Gear Driven Stretch Wrapper

The WCA-SMART series is a competitively-priced extra heavy duty ring-gear driven conveyerized turntable stretch wrapping system.

Our Automatic stretch wrappers maximize throughput and efficiency. They take care of everything; you only change the roll of film. An automatic stretch wrapper will save significant time and money.

Turntable stretch wrappers are ideal for wrapping stable loads of under 8,000 lbs. They are typically less expensive than rotary arm models and have a smaller footprint – a definite asset when space is at a premium.

Features of the WCA-SMART

AC variable frequency drives as standard equipment on all machines

Lower maintenance and better reliability - Wulftec stretch wrappers will save time and money

NEMA 4/12 control panel dust tight and waterproof

The control panel is neatly organized eliminating time otherwise lost searching for wires

The control panel is UL508A approved

Superior electrical/electronic design including Allen Bradley MicroLogix PLC and AC drives

All motors, proximity sensors, photoeyes and other sensors have quick disconnect cables that simplify installation and maintenance

Photoeyes are maintenance free and protected

All Wulftec structures are made of heavy-duty steel for rugged performance in the harshest work environments

These stretch wrappers are built to last forever

Dual chain driven for balanced movement & no vibration

Quick and easy adjustment of upper and lower carriage travel

The Maintenance-Free spring-loaded carriage gate equipped with spring loaded rollers ensures optimal contact with the stretch film, year after year, without involving maintenance

Wulftec is the only manufacturer to offer a LIFETIME warranty on its pre-stretch roller blue compound

Preset pre-stretch ratios are available from 50-300%

Since all of our semi-automatic SMART Series stretch wrappers wrap 2 inches from the turntable, you are guaranteeing the product is properly secured to the pallet, resulting in a pallet that is more stable for transport, and therefore less damage

No film threading is required and a Lexan cover eliminates operator's ability to reach rollers when gate is closed

Non-Proprietary parts accessible on a local base

Cut and Wipe System

Pneumatically operated cut and wipe-on system automatically cuts and wipes the film onto the load upon cycle end

First a vertical roller positions the film over the clamp which grabs the film, ensuring longer heat wire life expectancy

Then the heat wire swings in and cuts the film

A timed impulse heat control allows quick cool down so the heat wire becomes cold to the touch within 5 seconds

Best Warranties in the Industry

3-year unlimited cycle warranty

10-year warranty on steel structure

10-year warranty on 25" ring gear bearings

Lifetime warranty on pre-stretch roller blue compound

Please [contact Pro Pac](#) or call 888-318-0083 for your stretch wrapping equipment.

Specifications

Production Rate 70 loads per hour

Machine Dimensions 128.5" L x 199" W x 104" H

Maximum Load Size 48" L x 48" W x 80" H

Load Weight 4000 lbs

Approximate Shipping Weight 4750 lbs

Electrical Requirements 230 V / 2 ph / 60Hz 20A

Pneumatic Requirements 3 cfm @ 80 psi

Controls 24V control system Allen Bradley CompactLogix L16ER PLC with an integrated Ethernet port Allen Bradley PanelView Plus 600 color touch screen interface Sick autoheight sensing photoeye with on/off mode On Stand NEMA 4/12 control cabinet Power on/off lockable switch and indicator light One panel mounted emergency stop station Manual carriage Up/down function Manual function for turntable rotation fwd Manual clamp jog on touch screen Reset function Separate top and bottom wrap selection (0-9) Single carriage speed Conveyor jog fwd (fwd / rev optional) Alarm beacon Intuitive alarms diagnostic on touch screen Current overload protection Double brush dust tight slip ring 230VAC motors & variable frequency drives with contactor driven conveyors Film force to load control

Structure 14 gauge formed steel tower Heavy duty structural steel construction

Film Delivery System 20" NO-THREAD® Powered Pre-Stretch Carriage 1 HP AC motor with Allen Bradley variable frequency drive Lifetime warranty on pre-stretch rollers blue compound Film force release for easy pull at start and end of cycle 50-400% pre-stretch ratio (preset to customer spec, standard 200%) Electronic film tension control with analog sensor Film roping bar Lexan roller cover for operator safety Proximity sensor on carriage gate to ensure gate is properly closed

Film Tail Treatment Automated cut/clamp and wipe system Pulse controlled cutter Film alignment arm and brush on film tail treatment Brush-on film tail treatment Heat Seal treatment optional

Film Carriage Drive 1 HP AC motor with Allen Bradley variable frequency drive Two #40 carriage lifting chains Bearing supported maintenance free guide wheels

Turntable Drive 25" Heavy duty ring gear with pinion gear drive Max 16 RPM variable speed 1 HP 230VAC motor with Allen Bradley variable frequency drive Electronic soft start/stop Positive turntable alignment controlled by proximity sensor Electric brake

Turntable Conveyor 77" dia. 1/2" steel plate 2 1/2" dia. Rollers on 3 3/4" centers All full length rollers driven 3/16" wall cold rolled electric welded steel rollers 52" BFR (between frame rails) 1 HP AC motor with contactor #40 ANSI chain drive Heavy duty cast iron flange mounted bearing

Conveyors 5' in / 5' out contoured powered conveyor with smooth transfer Standard 52" BFR (between frame rails) Standard pass height 18" Other pass heights available, please consult factory 2 1/2" diameter rollers on 3 3/4" centers 3/16" walls cold rolled electric welded steel rollers Rollers driven via #40 chainv 1 HP 230VAC motor and contactor Heavy-duty structural steel design, interlocking style for continuous equal roller spacing Heavy-duty cast iron flange mounted bearings 30 FPM fix conveyor speed Other speeds available

Technical Information The machine is provided with a manual including electro/mechanical schematics and drawings, maintenance program and PLC program disk

Options

Carriage 30" NO-THREAD® powered pre-stretch carriage Carriage adaptor bracket for 20" film on 30" carriage Pneumatic roping dual Pneumatic roping single

Control Cabinet Upgrade control cabinet

Controls Allen Bradley drives - Basic system (includes forward / reverse) Communication bypass mode Lanyard remote Remote push button station Warning alarm / horn

Extension Wrap height extension - 104in Wrap height extension - 116in Wrap height extension - 92in

Heat Seal Arm mounted cut & seal Conveyor side mounted heat seal

Motors Wash down motors Wash-down motors for top platen

Paint Custom color Epoxy paint Steel-it paint

Photoeye Dark load detection Forklift detection

Safety Electric dump valve Safety fencing Safety light curtains 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) - with infeed and outfeed 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)