

# WULFTEC® STRETCH WRAPPERS THE CAT - WCAT-450 Combo Arm Turntable



# WULFTEC

A DURAVANT COMPANY

UP TO  
**45 RPM**

**OVER 100  
LOADS PER HOUR**

**THE CAT**

*The most versatile  
system in the industry*

This versatile combo arm turntable wrapper allows the customer the possibility of switching operating modes: operation in only rotary arm mode 30 RPM, operation in only turntable mode 15 RPM or **operation in combo arm turntable mode 45 RPM.**

✓ **Productivity**

✓ **Versatility**

✓ **High Speed**

✓ **Film Saving**

## CRAFTED FOR SUCCESS

This quality engineered automatic stretch wrapper features:

- Combined arm and turntable speed of 45 RPM
- Rotary arm AND turntable each driven by a 25" Heavy Duty Ring GEAR Bearing, with Pinion GEAR Drive
- Possibility to switch mode between arm wrapper, turntable wrapper or combo wrapper
- Dual chain carriage lift and dual structural steel boom
- 20" NO-THREAD® powered pre-stretch carriage
- Rotary arm and turntable separate speed controls
- Allen Bradley PLC with PanelView Plus 7 6" touch screen for easy to understand, easy to use interface
- NEMA 4/12 control cabinet with quick disconnect
- Intuitive diagnostic alarms and maintenance screens

✓ **Ideal for all industries**

✓ **Energy Saving Modes**

✓ **Possibility to index 90° in wrap zone**

✓ **Accurate positioning of arm and table to reduce film consumption**

✓ **Can be fed by more than one palletizer**



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**WE FEAR NO PACKAGING CHALLENGE**

# Technical Specifications

## THE CAT (WCAT-450)

Production Rate <sup>1</sup>	Up to 120 loads per hour
Maximum Load Weight	5,000 lbs (6,000 lbs option)
Maximum Load Size	48"L x 48"W x 80"H
Machine Dimensions <sup>2</sup>	265"L x 148"W x 140"H
Approx. Shipping Weight	12,000 lbs
Electrical Requirements	230V/3/60 (other voltage available)
Pneumatic Requirements	3 CFM @ 80 PSI; comes with Filter/Regulator
Controls	<ul style="list-style-type: none"> <li>• NEMA 4/12 control cabinet with quick disconnect</li> <li>• On-screen wrapping performance analysis</li> <li>• On-screen maintenance program and instructions</li> <li>• Allen Bradley PLC and Touch screen operator interface</li> <li>• Intuitive alarm diagnostics</li> <li>• AC drives and motors</li> <li>• Separate up and down carriage speeds</li> <li>• Separate top and bottom wrap selection</li> </ul>
Film Delivery System	<ul style="list-style-type: none"> <li>• 20" NO-THREAD® powered pre-stretch carriage (angled carriage to wrap lower)</li> <li>• 50-300% pre-stretch</li> <li>• 1 HP AC motor with variable frequency drive and corner compensation</li> </ul>
Film Tail Treatment	<ul style="list-style-type: none"> <li>• Automatic film clamping (drop away design, no film tear)</li> <li>• Pulsed-controlled cutter</li> <li>• Film alignment arm and brush on film treatment</li> </ul>
Rotary Arm Drive	<ul style="list-style-type: none"> <li>• 30 RPM variable speed</li> <li>• 2 HP AC motor with variable frequency drive</li> <li>• 25" Heavy-duty Ring GEAR Bearing, with Pinion GEAR Drive</li> </ul>
Turntable Drive	<ul style="list-style-type: none"> <li>• 15 RPM variable speed</li> <li>• 1 HP AC motor with variable frequency drive</li> <li>• 25" Heavy-duty Ring GEAR Bearing, with Pinion GEAR Drive</li> </ul>
Heavy-Duty Conveyors	<ul style="list-style-type: none"> <li>• Two 8' in/out powered contoured conveyors with smooth transfer</li> <li>• Heavy-duty cast iron flange mounted bearings</li> <li>• 3 load staging positions</li> <li>• 52" between frame rails</li> <li>• 2½" dia. rollers on 3" centers</li> </ul>
Structure	<ul style="list-style-type: none"> <li>• Heavy-duty structural steel construction</li> <li>• Robust 4-legged design for more stability and less stress on the frame</li> </ul>
Warranty	<ul style="list-style-type: none"> <li>• 3-year unlimited cycle warranty</li> <li>• 10-year warranty on steel structure</li> <li>• 10-year warranty on 25" ring GEAR bearings</li> <li>• Lifetime warranty on pre-stretch rollers' blue compound</li> </ul>



Contoured conveyors with smooth transfer



Combined arm and turntable speed of 45 RPM

### Options Available

- 20" or 30" powered pre-stretch carriage
- Height extension
- Heat seal unit
- Top platen
- Top sheet dispenser
- 90° configuration
- and more...



**Reduced energy usage by throughput anticipation:** Conveyorized automatic machines will operate at a lower speed when the throughput from the line is slower and speed up to allow production bursts. For an average production line<sup>3</sup>, the energy savings would equal 20 x 40 watt lamps lit for 6 hours!

**Reduced film waste by optimized resolution:** We use a higher resolution positioning system to deliver the film in a more accurate quantity. This means an average film reduction of 4 feet of film per pallet when compared to other control systems! That's 60 miles<sup>3</sup> of unstretched film per year!

**Reduced general waste by better product protection for handling and transport:** With very low wrap capability, the product is properly secured to the pallet, resulting in a pallet that is more stable for transport and therefore less damage!

**Reduced electricity consumption:** By using variable frequency drives on all its motors, Wulftec ensures that only the power required by the load is used, regardless of the HP of the motor. By this, we have standardized our motor sizes, allowing for less parts in inventory for us and our customers. This translates into greener operations at our end and at your end.



AC DRIVES



25" RING GEAR



STEEL STRUCTURE



QUICK DISCONNECT

1. Production rate based on load and machine size and configuration
2. Overall dimensions of machine in operation
3. Based on a production rate of 60 pallets per hour, 2 shifts, where 50% of the production is in "peak-mode", 250% pre-stretch

All machine specifications are subject to change without prior notice / Nominal dimensions shown



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