

Cobra 525



- User-friendly control panel can be preprogrammed with multiple wrap patterns
- Consistent force-to-load film tension regardless of load position, size and shape
- Prestretches film 250%

The Cobra 525 is designed for loads that, because of their instability, weight or shape, must remain stationary during the wrapping cycle. The positive, non-slip dual "V" belt drive ensures consistent rotation speed, easy maintenance and accurate home positioning. The Cobra 525 wraps up to 35 loads per hour.

Performance		Cobra 525
Loads per hour		Up to 35
Rotation speed		12 rpm
Maximum load size		50" x 50" x 80" H
Maximum load weight		Floor capacity
Film Delivery System		
Film capacity		20" roll width x 10" dia.
Film payout		Strain gauge
Pre-stretch level		250% (optional 100% to 300%)
Force control		Variable
Film threading		Easy thread design
Carriage speed		Adjustable down speed
Controls		
Controller		PLC
Operator Interface		Push button controls
Load height sensor		Photo eye
Wrap pattern		Fixed top and bottom wrap count. Select 2 & 2, 3 & 3, 4 & 4, 5 & 5. Reinforce wrap feature.
Emergency stop		Mushroom head
Electrical disconnect		Lockable
Electrical enclosure		CSA approved
Power Requirements		
Voltage		120 VAC, 15 amp, 1 phase, 60 Hz
Rotary Arm		
Drive system		Dual V-belt drive
Bearing type		Dual pillow block bearings
Structure		
Installation		Column mounted or floor mounted
Machine weight		Column mounted: 1,400 pounds; Floor mounted: 1,700 pounds
Construction		Heavy duty, welded
Frame color		Dark bronze
Rotating arm color		Yellow

Power Application Equipment

For stretch film



Cobra 1525A



- User-friendly control panel can be preprogrammed with multiple wrap patterns
- Consistent force-to-load film tension regardless of load position, size and shape
- Prestretches film 250% standard
- Automatic film cut and heat seal

The Cobra 1525A automatic overhead stretch wrapping machine combines the speed of an automatic system with the cost of a semiautomatic machine. The positive, non-slip dual “V” belt drive ensures consistent rotation speed, easy maintenance and accurate home positioning. The 1525A wraps up to 35 loads per hour.

Performance

Loads per hour	Up to 35
Rotation speed	12 rpm
Maximum load size	50" x 50" x 80" H (70" dia.)
Minimum load size	24" x 24" x 28" H (film clamp justified)
Maximum load weight	Floor capacity

Film Delivery System

Film capacity	20" roll width x 10" dia.
Pre-stretch type	Strain gauge
Pre-stretch level	250% (optional 100% to 300%)
Force control	Variable
Film threading	Octo-Thread design; W film threading pattern
Cut and seal	Controlled impulse cutter and heat sealer

Controls

Controller	Allen-Bradley PLC
Operator interface	Touch screen
Load height sensor	Photo eye
Wrap settings	Re-wrap function; overwrap and overlap adjustments
Wrap counters	Independent top and bottom
Cycle counter	Non-resettable
Emergency stop	Mushroom head
Electrical disconnect	Lockable
Electrical enclosure	CSA approved

Power Requirements

Voltage	120 VAC, 20 amps, 1 phase, 60 Hz
Pneumatic	80 psi, 3 CFM (clean, dry air)

Rotary Arm

Drive system	Dual V-belt drive
Bearing type	Dual pillow block bearings

Structure

Installation	Floor mounted gantry frame
Machine weight	2,400 pounds
Construction	Heavy duty, welded
Color	Dark bronze; Rotating arm color: Yellow

Cobra 1525CN



- Prestretches film 250% standard
- Adjustable force-to-load film tension
- Automatic load height sensing
- Top and bottom digital wrap counters
- Automatic film cut and heat seal
- Minimal maintenance and service

The Cobra 1525CN is the most versatile of our automatic overhead stretch wrapping machines, offering a full range of load size and machine control options. It can be integrated into an existing production line or used as a stand-alone, off-line unit. Optional conveyors are available. The 1525CN wraps up to 40 loads per hour. Model 1525CR is the same as above without the standard infeed, process and exit conveyors.

Performance

Loads per hour	Up to 40
Rotation speed	12 rpm (optional to 18 rpm)
Maximum load size	50" x 50" x 80" H (70" dia.)
Minimum load size	36" x 36" x 28" H (film clamp justified)
Maximum load weight	1525CN: 4,800 pounds; 1525CR: dependent on conveyor

Film Delivery System

Film capacity	20" roll width x 10" dia.
Pre-stretch type	Strain gauge
Pre-stretch level	250% (optional 100% to 300%)
Force control	Variable
Film threading	Octo-Thread design; W film threading pattern
Cut and seal	Controlled impulse cutter and heat sealer

Controls

Controller	Allen-Bradley PLC
Operator interface	Touch screen
Load height sensor	Photo eye
Wrap settings	Re-wrap function; overwrap and overlap adjustments
Wrap counters	Independent top and bottom
Cycle counters	Total cycle counter and resettable counter
Emergency stop	Mushroom head
Electrical disconnect	Lockable
Electrical enclosure	CSA approved

Power Requirements

Voltage	480 VAC, 30 amp, 3 phase, 60 Hz
Pneumatic	80 psi, 3 CFM (clean, dry air)

Rotary Arm

Drive system	Dual V-belt drive
Bearing type	Dual pillow block bearings

Structure

Machine weight	1525CN: 7,150 pounds; 1525CR: 2,000 pounds
Construction	Heavy duty, welded
Color	Dark bronze; Rotating arm color: Yellow