

*Rotary Ring Series Stretch Wrappers*

# ***OCTOPUS***<sup>TM</sup>

## ***505*** ***Automatic***



- Wraps up to 80 loads per hour
- Heavy duty construction
- Pre-stretches film up to 300%
- Cut and heat seal design increases film savings
- Installs over existing conveyor or can be provided with conveyor
- Allen-Bradley PLC
- Banding and split wrap capabilities
- Optional Pak-Air carriage for load ventilation requirements
- Octo-Thread carriage allows easy film threading
- Strain gauge film delivery control
- Optional integral top sheet dispenser

**SIGNODE**<sup>®</sup>

# Octopus 505

## Automatic Rotary Ring Stretch Wrapper

### Specifications

Standard configuration listed below. Please contact your sales representative for other available configurations.

#### Performance

Loads per hour	Up to 80
Maximum load size	48" W x 50" L x 80" H (69" dia.)
Minimum load size	36" x 36" x 28" H (film clamp justified)
Maximum load weight	4,800 pounds (w/ITW Muller conveyor)

#### Film Delivery System

Film capacity	20" roll width x 10" dia.
Pre-stretch type	Strain gauge
Pre-stretch level	250% (optional 75% 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
Emergency stop	Mushroom head
Electrical disconnect	Lockable
Electrical enclosure	CSA approved

#### Power Requirements

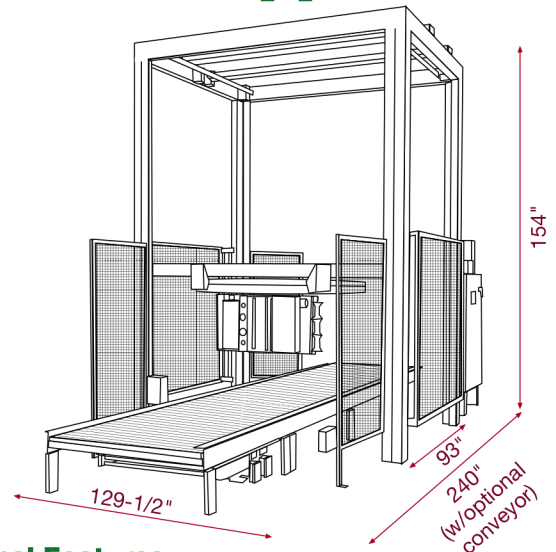
Voltage	480 VAC, 3 phase, 30 amps
Pneumatic	80 psi, 3 CFM (clean, dry air)

#### Ring Lift and Rotation

Lift method	Chain
Lift motor	480 VAC - SEW Eurodrive
Lift control	Variable frequency drive
Rotation method	Belt drive
Rotation motor	480 VAC - SEW Eurodrive
Rotation control	Variable frequency drive

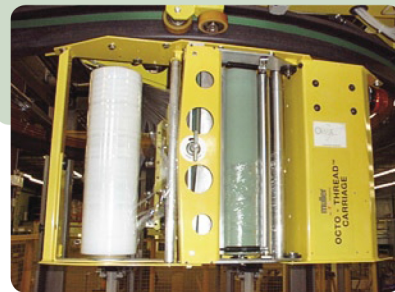
#### Structure

Machine weight	4,500 pounds
Construction	Heavy duty, welded
Color	Dark bronze
Ring frame color	Yellow



#### Additional Features

- 7' high mesh fence around system
- Entry gate with automatic shutdown
- Low pressure safety switch
- Upper and lower ring shutdown switches
- Internal wrap zone location photo eyes
- Infeed and outfeed shutdown photo eyes
- Infeed and exit conveyor sequence interlocks:
  - Customer ready to send load
  - Machine ready to receive load
  - Machine ready to send load
  - Customer ready to receive load



**Octo-Thread  
film carriage**

*With its rear opening film loading gate, the Octo-Thread film carriage allows for fast, easy and safe film threading. The standard tilting film mandrel allows the operator to load a film roll with greater ease. It also reduces the risk of damaging the film roll during loading.*



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