

Rotary Ring Series Stretch Wrappers

OCTOPUS™

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

ITW Muller

Octopus 505

Automatic Rotary Ring Stretch Wrapper

Specifications

Standard configuration listed below. Please contact your Signode 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

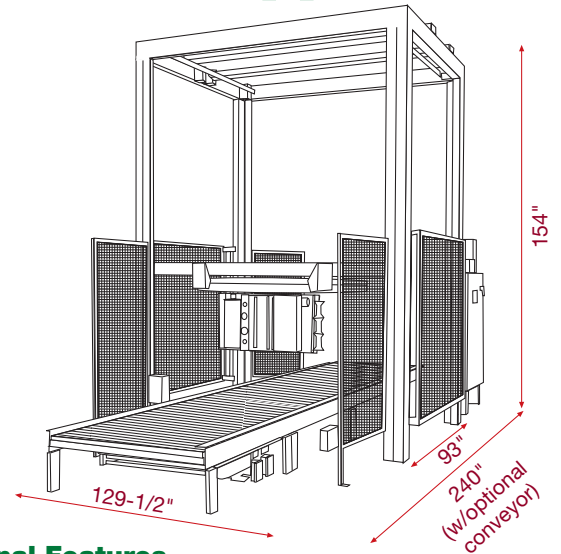
Voltage	480 VAC, 3 phase, 30 amps
Pneumatic	80 psi, 3 CFM (clean, dry air)

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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