



An Envoy Solutions Company

ROBOT S7

SEMI-AUTOMATIC STRETCH WRAPPER

The portable Robot S7 with CUBE Technology provides maximum flexibility. Just bring it to your load.

- *Handles most load lengths and widths and any weight*
- *Easy to use thanks to intuitive 7 inch touchscreen*
- *CUBE TECHNOLOGY will reduce your film usage by 30% to 55% – and reduce potential product damage*
- *Power Drive System via brushless motors ensures 20% savings on power consumption, extending battery life to 250 pallets per charge*
- *Automatic switch-off system after 30 minutes of Robot S7 on standby*
- *Instant Load System (ILS) threads your film faster than ever – close the door on the film carriage and you are ready to wrap!*
- *Portability of the Robot S7 can deliver 25% productivity improvement in picked warehouse applications with minimal impact to your current processes*
- *86" or 110" maximum wrap height*
- *The standard Robot S7 configuration (20" film carriage, 110" wrap height) features R-Connect and LED Blue Safety Beacon as a standard feature*
- *The Robot S7 with 86" wrap height has R-Connect as an optional feature – the LED Blue Safety Beacon is standard*



Need a quote?

800-264-1661
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ROBOT S7 SPECIFICATIONS

CONTROL PANEL

The control panel with color touch screen allows you to create up to 12 programs (+12 with multilevel control) in a simple and intuitive way.

PVS CARRIAGE

Carriage with a powered stretch system controlled by two independent motors. Stretch ratio adjustable from panel board from 0% up to 500%.

CUBE TECHNOLOGY

Cube Technology allows the best load stabilization with the minimum quantity of film. It delivers the right amount of film at the exact containment force.

- Reduces product damage by 40%
- Reduces film cost by 35% - 55%
- Improves load containment

R-CONNECT

A technologically advanced monitoring system that combines innovation and connection, allowing complete control of the operation.

- Max production
- Predictive maintenance
- Downtime reduction
- Plug & play
- Industry 4.0

PERFORMANCE CRITERIA

Production Speed

Up to 30 LPH

Rotation Speed

Variable from 1-3 miles/hour

Cycle Expectancy

200 – 250 loads/battery charge

LOAD HANDLING SYSTEM

Maximum Load Dimensions

Unlimited L x Unlimited W x 86" or 110" H

Minimum Load Dimensions

24" L x 24" W x 20" H

Maximum Load Weight

Unlimited

Minimum Load Weight

200 lbs.

FILM DELIVERY SYSTEM

- **Variable:** 0 – 500%
- **Containment Force:** Multi-level Variable
- **Film Width:** 20" or 30"
- **Height Sensing:** Infrared Photocell
- **Film Threading:** Patented S-Pattern
- **Corner Compensation:** Load Cell

SAFETY FEATURES

- **Pressure-Sensitive Bumper with E-Stop**
- **LED Blue Beacon**
- **UL and CE Compliant**

UTILITY REQUIREMENTS

Charging System

120V, 1Ph, 2.4AMP, 60HZ

Battery

24V Battery System

Warranty

1 Year