

Robot S7

Semi-Automatic Stretch Wrapper

The Robot S7 is a new range of self propelled semi-automatic packaging machines. The Robot S7 includes the latest advanced technologies, the utmost attention to safety systems, a high level of packaging autonomy, and great work flexibility. This machine is built to wrap and stabilize palletized loads of any shape, size and weight, using stretch film.



PERFORMANCE	
Production Rate	Up to 30 loads per hour, based on 48L"x 40W"x 60H" loads
Cycle Expectancy	Up to 250 loads wrapped
Minimum Load Dimensions	24"Lx 24"W x 20"H, and 200 lbs
Maximum Load Dimension	Unlimited Length and Width, and 86"/110" Height
Maximum Load Weight	Unlimited
Temperature Operating Range	Between 41°F and 104°F. Cold Package option available for temperatures as low as 23°F.
WRAPPING	
CUBE Technology	Multi-Level Control: pre-stretch and load tensioning control for 9 separate positions of the load Strategic Film Placement: place film on 9 different positions where it has the most impact on load stability and containment Reactive Corner Compensation: latest in motor and load cell technologies to wrap any load securely without corner damage
R-Connect Ready	Remote Machine Monitoring and Film Consumption Tracking. Eliminate Downtime by Troubleshooting your Machines. Programmed Diagnostic: 24 hours a day, 7 days a Week.
Pre-Stretching	Variable 0% to 500%
Load Height Sensing	Automatic Height Detection via Infrared Photocell for Light/Dark Loads
ROBOT DESIGN	
Automatic Film-Cut Off	Automatically cuts film at end of wrap cycle
Batteries	24V Battery pack (2x12V Lead Acid) Standard onboard 120V battery charger
Battery Charging Time	6-8 hours for a complete charge
MAST	
Effective Load Wrap Height	86"/110" (standard)
OPERATOR INTERFACE	
Control Panel	7" Touch Screen Control Panel, with CUBE Technology
Wrapping Menus	12 Independent Programmable Menus
E-Stop	Emergency Stop on Control Panel
Film Carriage Speed and Positioning	Control on 9 Positions, with Manual Up/Down Jog Capability
Wrap Counters	Top/Bottom separately, and Reinforcement Wraps
Robot Speed	Variable from 1 to 3 mph
WARRANTY	
Machine Warranty	1 year
ELECTRICAL DATA	
Charging System	120V On board charger, built-in with automatic shut-off
Charging Requirements	120 V AC, 2.4 A, 60 Hz, 1-phase
Control Logic	Microcontroller