

# **ROBOT S6 PVS**

Self-Propelled  
Stretch Wrapping  
Machine with

**CUBE**  TECHNOLOGY



**ROBOPAC** 

# Robot S6 with CUBE Technology

Robopac's Robot S6 with CUBE Technology reduces film costs 30%-55% over competitive stretch wrap machines, while improving load containment.

CUBE Technology allows you to deliver **exactly** the right amount of film at **exactly** the right position with **exactly** the right containment force.

**Variable pre-stretch** ensures the best film economy for any load. It also allows you to get the highest containment and best film economy from any stretch film. Robopac's Variable Pre-Stretch Technology delivers 30% to 55% film savings.

**Pro-Active corner compensation** combines the latest in load cell and encoder technology giving you the ability to wrap any load securely without crushing the corners of your load,

while increasing containment on the flat sides.

**Multi-level containment force** settings on the control panel deliver optimal containment force at each level and enable delivery of the highest pre-stretch levels.

**Strategic film placement** allows you to place the film directly where it has the most impact on load containment.

Six wrapping menus allow you to pre-program

wrap parameters to effectively wrap varied loads with minimal operator interaction.

The portability of the Robot S6 can deliver **25% productivity improvement** in order picked warehouse applications with minimal impact to your current processes.

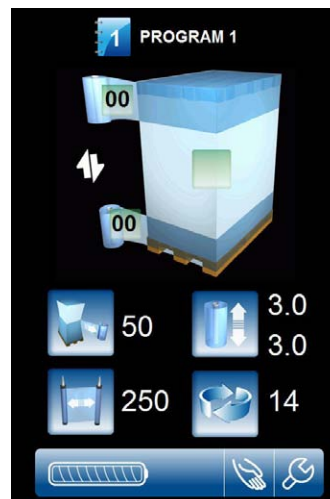
**CUBE Technology**  
Variable Pre-stretch  
Pro-Active corner compensation  
Multi-level containment force  
Strategic film placement

## innovative features



### Robopac's Patent Power Variable Pre-Stretch Roll Carriage

Robopac's innovative and patented S-winding pattern and dual motor pre-stretch system give you the ability to pre-stretch film from 100% up to 400% using two independent, variable AC motors. Both the pre-stretch and force-to-load are adjustable via the operator control panel. Robopac's patented high-performance S-Wrap Pattern (with Quick Load System) and load cell compensation and containment force device give you total film control.



### Intuitive User Interface

New color touch screen panel with intuitive software gives the operator more control while simplifying the machine operation.

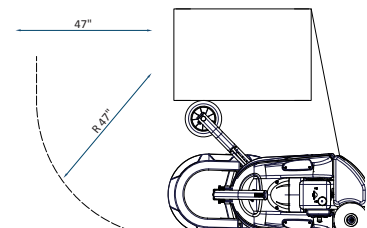
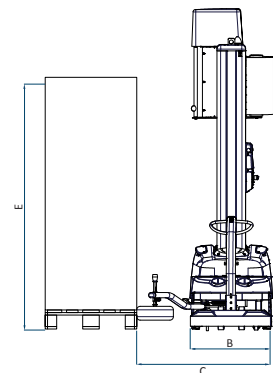
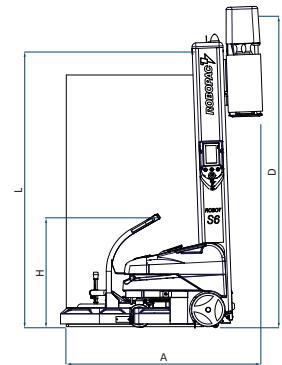
Six wrapping menus allow you to easily select the best wrapping pattern for your loads and consistently repeat the pattern time after time.

# standard features

- Variable pre-stretch allows you to adjust machine to get the best containment and the best economy from every film on every load.
- Encoders on the roll carriage's dual motors and PID Technology provide complete control of pre-stretch and containment force.
- Roll carriage features an automatic stopping device to prevent accidental falls.
- Emergency stop bumper with dual sensors detect the slightest resistance and automatically ends cycle on contact.
- "QLS" (Quick Load System) allows for safe, quick and easy film loading.
- High-frequency battery charger for 110V to 240V. Works with both acid and gel batteries.
- Unit can be relocated manually, without power, using the idle wheel feature.
- Manual towing controls provide maximum comfort and allow for precise positioning of the robot.
- Guide wheel height can be adjusted easily, without the use of tools.

# specifications

Technical Features	
Machine	S6 PVS
Performance	
Production Speed	Up to 30 LPH
Load Handling	
Load Size	Unlimited diameter
Maximum Load Diagonal	Unlimited
Maximum Load Height	110"
Maximum Load Weight	Unlimited
Film	
Film Delivery System	Power Variable Stretch (PVS) with Pro-active CUBE Technology
Standard Pre-Stretch	Variable to 400%
Wrapping Force	Load Cell
Standard Film Width	20"
Automatic Film Cut	Standard
Automatic Film Break Alarm	Standard
Load Height Detection	Infrared Photocell Detects dark, clear and or shiny products
Safety Features	
Emergency Bumper with Dual Sensors	Standard
CE Compliant	Yes
Anti-Fall Device	Standard
Service Requirements	
Charger Requirement	110VAC / 1ph/60Hz (+/-10%)
NEMA 12 Enclosure	Standard
Warranty	
	1 Year



Machine Dimensions	Wrapping Height = 86"	Wrapping Height = 94"	Wrapping Height = 110"	Wrapping Height = 122"
A	72"	72"	72"	72"
B	28.5"	28.5"	28.5"	28.5"
C	46.5"	46.5"	46.5"	46.5"
H	39"	39"	39"	39"
D	110"	118"	134"	142"
L	100.5"	108.5"	124.25"	132"