Robot S6

SELF-PROPELLED ROBOT FOR STRETCH WRAPPING

CUBE TECHNOLOGY™

®**R**connect

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SELF-PROPELLED ROBOT FOR STRETCH WRAPPING

The Robot S6 with CUBE Technology is the most innovative, portable stretch wrapper in the market. It is also the easiest to use, thanks to its intuitive 7 inch color touchscreen. If you can operate a smart phone, you can operate the Robot S6!

The NEW Robot S6 with CUBE Technology will reduce your film usage by 30% to 55%, improve your load containment and reduce your product damage.

The portability of the Robot S6 can deliver 25% productivity improvement for order picking applications. It excels in the distribution environment. The S6HD is flexible, allowing you to optimize your current product flow. The S6HD will eliminate extra handling movements to and from a fixed position wrapper.

The Robot S6 is a great solution for customers who need to wrap extremely large loads. The Robot S6 can wrap loads of any length and width. It takes up very little floor space and can be moved out of the way when not in use.

TECHNOLOGY SOLUTIONS

ONBOARD
BATTERY CHARGER
120 V SINGLE PHASE

ACTIVE
EMERGENCY
STOP BUMPER

"QLS"
(QUICK LOAD SYSTEM)
FOR EASY AND QUICK
FILM LOADING

IDLE WHEEL
ENSURES PORTABILITY
WITHOUT POWER

WHEEL HEIGHT
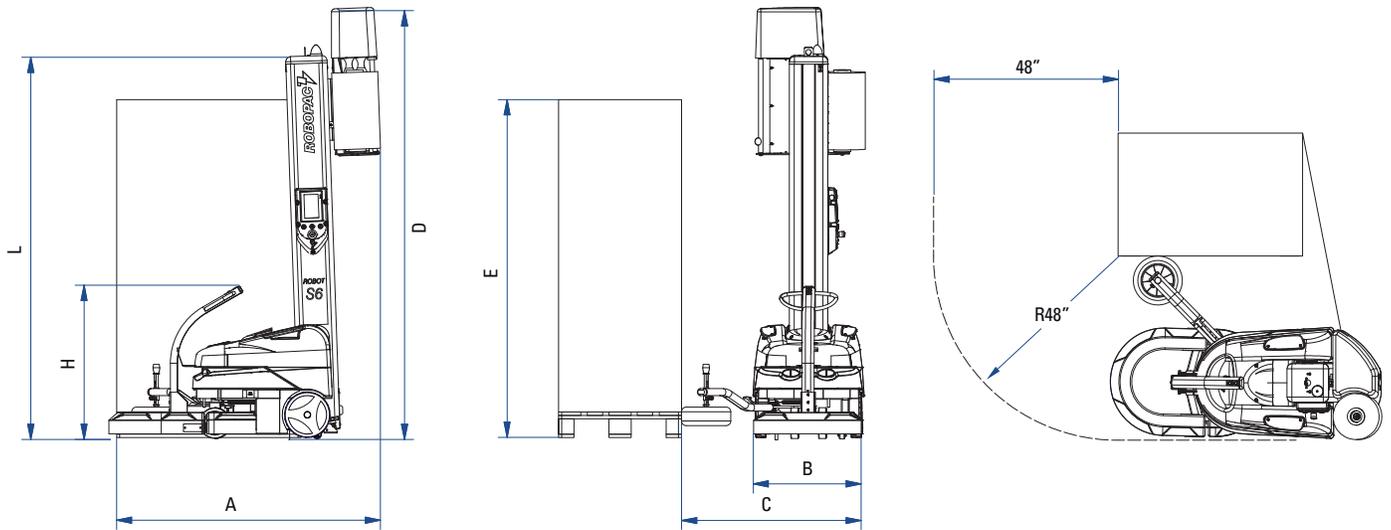ADJUSTMENT

NEW COLOR
TOUCH SCREEN
CONTROL PANEL

AUTOMATIC FILM
CUTTING DEVICE

The ROBOT S6HD includes our standard film cutting device. Cutting the film automatically at the end of the wrapping cycle is a great convenience for the operators.

Technical Features

MACHINE	ROBOT S6 PVS	
Industrial duty batteries	12 V	(n.)
Rotation speed	35-50	(ft/min)
Upward-downward carriage speed	up to 260	(ft/min)
Power supply	115V single phase, 20 amp, 60Hz	(V)
Rear and both sides forklifting	STD	
CHARACTERISTICS OF THE PRODUCT TO BE WRAPPED		
Minimum dimensions	24"x24"	(in)
Maximum useful height	110 or 86	(in)
Minimum load weight	200	(lbs)
FILM FEATURES		
Max. external diameter	12	(in)
Internal diameter	3	(in)
Film thickness	39-120	(gauge)
Film height	STD 20"carriage OPT 30"carriage	(in)
Max. spool weight	44	(lbs)
PROGRAMMING (Standard, Partial Cube, Cube Technology)		
12 unique wrapping recipes can be programmed from the color touch screen	STD	
Dark load height sensing by photocell	STD	

STANDARD USA CONFIGURATION	E= 110" *STD*	
A. Operating Lenght	in	72
B. Base Width	in	28
C. Operating Width	in	46
D. Max Operating Height	in	134
H. Wrapping Height	in	110
L. Height to top of mast	in	101

Shorter configurations are available
for applications with overhead obstructions.

Control Panel

The control panel has been newly designed, adopting it to a touch screen. Thanks to the large color screen, this new panel allows you to create programs simply and immediately. It is supplied with more memory to record up to twelve (12) different programs.

CYCLE DESCRIPTION
▶ Two way wrapping cycle
▶ Upward-downward cycle
▶ One way wrap cycle for light loads
▶ Top sheet cycle
▶ F1 program large loads
▶ F2 program round products
▶ Partial cycle counter
▶ Resettable cycle counter
▶ Photocell delay for top overlap
▶ Adjustable start position
▶ Control panel lock
▶ Operational output data

CONTROL PANEL FUNCTIONS DESCRIPTIONS
▶ Store up to 12 wrapping programs
▶ Rotation speed setting
▶ Carriage ascending speed
▶ Differentiated descending carriage speed
▶ Adjustable top wraps (1-9)
▶ Adjustable bottom wraps (1-9)
▶ Programmable reinforcing wrap-location and # of wraps
▶ Targeted film force
▶ Targeted film stretch
▶ Targeted film placement
▶ On screen E-Stop
▶ Broken film alarm
▶ Cycle reset indicator

Cube Screen

Standard Control Screen

POPULAR OPTIONS

30 " ROLL CARRIAGE
Upgrades the standard 20" roll carriage to enable it to handle up to 30" rolls of film. This can increase production rates by as much as 10 loads per hour depending on the height of the load.

BLUE PERIMETER TRACKING LIGHT

ELECTRIC VARIABLE ROPING DEVICE
Creates preprogrammed variable width rope for specific placement on the load. Position and width variable up to 9 locations.

EXTRA BATTERY PACK WITH CABLES
INCLUDES 2 BATTERIES, TRAY & CABLES
Includes two 12-volt batteries, a battery pack, and all cables. Ideal for multiple shift applications. Simply replace the depleted battery pack with the new reenergized pack. Used in conjunction with our external charger for continuous use applications.

SPARE EXTERNAL BATTERY CHARGER

COLD ENVIRONMENT KIT
(contact RSM for Pricing and Details)
For operating in temperatures 30F- to 104F.

BLUE LED SAFETY LIGHT
Replaces flashing yellow beacon. Mounted on top of Mast. Blue light beam is visible on floor in front of Robot S6HD travel path. Alerts fork trucks and personnel. Helps to protect the Robot from being damaged by clearly defining the operational path.

R-CONNECT
With multi-level variable pre-stretch ensures the best film economy for every load.