

Intelligent Packaging Solutions

R600 Robot Pallet Wrapping Machine



Product Application

1. Pallet stretch wrapping machine for use with LLDPE stretch film for wrapping palletised goods.
2. Secures and protects goods from dust, moisture, pilferage or damage.
3. This pallet wrapping machine is widely used across all industries that require a mobile type film wrapper. The R600 is a high specification machine with a capacity of around 10 – 20 pallets per hour.



X-LINE Operation System

1. Features on screen programming and troubleshooting guide, with 12 program menus. Clear simple operation. Easy maintenance.
2. Password protected to prevent unauthorised program modifications.
3. Total pallet counter, and resettable wrap counter for daily / weekly pallet counts.
4. Individual settings for carriage up and down speeds. Bottom and Top wrap rotations. Pallet overlap timer.

Modern component parts housed in a neat compact enclosure with solid state printed circuit board

1. Integrated solid state control circuit, for reliable operation, longer life and simplified maintenance.
2. X-LINE Touch Screen.
3. SICK Proximity Sensor.
4. AUTONICS Photo-electric Switch.
5. WEIDMULLER Terminal Block.

Simple Operation

1. Twelve program memory with naming function to simplify parameter recall.
2. One button start, for more convenient machine operation.

Efficient Wrapping

1. Film applied with even tension to the full height of the pallet.
2. Variable top and bottom wraps and pallet overlap.
3. No more back breaking hand wrapping or dizzy workers.
4. Guaranteed pallet stability.
5. Every pallet wrapped to the same specification.



Advanced Safety Technology

Pedestrian sensor - the machine will pause if someone passes through its path resuming wrapping when clear. Also present is a safety bumper protection device, which if actuated will automatically stop the machine, actuate the alarm and illuminate the warning lamp.

The control panel will guide the operator through the reset procedure.

The SMART WASP is designed with safety in mind.

Main Features

1. Minimum pallet size 800 mm x 800 mm
2. 2,200 mm maximum wrapping height.
3. No maximum load weight.
4. PPS roller film stretching for high packing efficiency.
5. Comprehensive safety protection system.



Intelligent LED Light

1. LED indicator fitted on mast.
 - Green Working.
 - Blue Ready.
 - Red Alarm.
2. If the machine is in a fault or alarm state, the touch screen guides you through how to reset the machine, or to resolve any other problems.

R600 Robot Wrapping Machine Technical Parameters

R 600 standard model features			
Length	1586mm	Battery type	Lead-acid cell
Width	871mm	Battery capacity	48V (4*12V 100Ah)
Operating Area	1800mm Additional to Pallet	Speed	Up to 67m/min
Mast Height	2000mm	Up & Down Speed	5m/min (Adjustable)
Pre-stretch rate	Std 250% opt 150 to 350%	Film Width	500mm
Max Wrapping Height	Std 2200mm plus options	Film Diameter	250mm
Control Lever Height	1076mm	Core Diameter	76mm
Pallet Size	More than 800 x 800mm	Working Time	8 Hours
Standard Wrap Height (max)	2200mm opt 2420mm	Drive Type:	DC Electric
Machine Weight	330kg	Operation temp	0-40°C
Max Wrapping Weight	No Limit	PLC	X-LINE
Power	1.2KW	Certification	CE
Charge Voltage	220V 50Hz		

Two additional models of Robot Pallet Wrapping Machine are also available.

R 600 CW

Specification as detailed above plus an additional Battery Pack with Loading Cart.

R 600 VT

Specification as detailed above plus Variable Twin Motor PPS Unit 0 – 500% Sonic (no touch) Safety Bumper.

