

**EcoPLAT**

**EcoPLAT PLUS**

**Semi-Automatic Turntable  
Stretch Wrapping Machines**



**ROBOPAC** 

# overview

The EcoPlat Plus features an S Winding Pattern Roll Carriage with Quick Load System that provides 40% more film contact than the W Winding pattern (commonly used by competitors) while providing better control of film through the roll carriage and fewer film breaks.

The EcoPlat and EcoPlat Plus are CE Compliant (strictest safety and electrical standards). Our roll carriage safety stop protects objects and people beneath roll carriage.

The 65" diameter turntable is made from 3/8" diamond plated turntable which keeps loads from shifting, offers added slip resistance when someone steps on the turntable and easily accommodates a 40" X 48" load with no overhang.

The roll carriage is located on operator side of

mast to keep the operator out of the wrapping area.

With four selectable wrapping menus (One Way Wrap, Two Way Wrap, Manual Wrap, Self-Learning Program) you can quickly select the best pattern to wrap each of your loads.

Our load cell controls wrapping/containment force and is the best technology available for corner compensation below 28 rpm. They can be easily calibrated from the control panel to ensure peak performance.

A scale package option is available to weigh your wrapped pallet while still on the turntable, providing shipping data without having to relocate the load.

## control panel



### Functions include:

- Up and down carriage speed
- Top wraps
- Bottom Wraps
- Manual film carriage and reinforcing wraps
- Adjustable turntable rotation speed

### Wrapping cycles and custom programs:

- Up and down wrapping cycle
- Only top and/or bottom cycle
- Manual cycle
- Auto self-learning pre-set (Eco Cycle)

## film carriage

### EcoPlat Friction Roll Drive (FRD)

FRD film carriage offers a pre-stretch ration of up to 100% via its core brake system. This flexible film carriage allows both low pre-stretch and pre-stretch film rolls to be used.



### EcoPlat Plus Fixed Gear Power Pre-stretch

The EcoPlat Plus film carriage provides fixed pre-stretch ratio of 250% using fixed gears. The containment force is adjustable electronically from the roll carriage. Robopac's patented high-performance S-Wrap Pattern with Quick Load System and load cell corner compensation & containment force device give you total film control.



# specifications

Technical Features		
	EcoPlat	EcoPlat Plus
<b>Performance</b>		
Production Speed	Up to 30 LPH	Up to 30 LPH
Turntable Speed	4-10 RPM	4-10 RPM
Turntable Drive	¾ HP VAC	¾ HP VAC
<b>Load Handling</b>		
Turntable Size	65" diameter	65" diameter
Maximum Load Height	110"	110"
Maximum Load Weight	4,400 lbs	4,400 lbs
<b>Film Delivery System</b>		
Film Delivery System	FRD	PGS
Film Delivery System	Friction Roller Drive	Fixed Gear Pre-stretch
Standard Pre-Stretch	100%	250%
Wrapping Force	Variable Mechanical	Variable Electronic
Corner Compensation	N/A	Load Cell
Force to load control	Mechanical on carriage	Electrical on carriage
Adjustable turntable rotation speed	4-10 RPM	4-10 RPM
Roll Carriage Speed	Variable up and down	Variable up and down
Standard Film Width	20"	20"
Load Height Detection	Electric Photo Eye	Infrared Photocell detects dark, clear and reflective products. Eliminates false reading of gaps in loads.
<b>Safety Features</b>		
Roll Carriage Safety Stop	Standard	Standard
CE Compliant	Yes	Yes
Anti-Fall Device	Standard	Standard
Lock-Out/Tag-Out Compliant	Yes	Yes
<b>Additional Features</b>		
Banding	Standard	Standard
Forklift Portable	Front and rear	Front and rear
<b>Service Requirements</b>		
Electric	110VAC/1ph/60Hz (*/-10%)	110VAC/1ph/60Hz (*/-10%)
NEMA 12 Enclosure	Standard	Standard
<b>Warranty</b>	3 Years	3 Years

