ROBOPAC
Innovation driven by values

ORBIT 4, 6, 9, 12

HORIZONTAL ROTATING RING STRETCH WRAPPERS

Our Orbit horizontal stretch wrapper line provides high speed and performance and can be added to existing work cells or integrated lines.

Perfect for spiral wrapping elongated products.

Equipped with electro-welded mesh safety guards to protect the operator during operation.

Infeed and outfeed units automatically adjust to ensure proper stabilization of the product.

Length of run can be adjusted manually to compensate for products of varying height.

Highly reliable, dual rod cut and clamp system fully automates the wrapping process.

Seven (7) inch color touch screen accurate, easy to understand controls are displayed on every screen allowing for quick and simple operation. Store up to 20 unique, user-defined wrapping programs.

1 YEAR WARRANTY

*Orbit 4/6 shown

PAK TEC

We simplify end-of-line packaging.

www.pak-tec.com I 803.831.2099 I ptinfo@pak-tec.com

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Performance features:

RECONNECT
Developed to provide usage and performance data via the cloud. Utilization drastically reduces downtime by giving you informational transparency, allowing you to connect with your machines remotely to investigate alarms, adjust parameters, & respond promptly.

COLOR TOUCH SCREEN
The large color touch screen panel allows you to create programs simply and immediately. It is supplied with more memory to record up to eight different programs.

FILM CARRIAGE UNIT
The film carriage unit has a direct breaking transmission roller and it is adjustable at any time. It also eases spool loading and film insertion to a maximum. The spool carriage device is equipped with locking and quick release of the spool.

CUTTING AND CLAMPING UNIT
The automatic highly reliable dual rod clamping and cutting system fully automates the wrapping process.

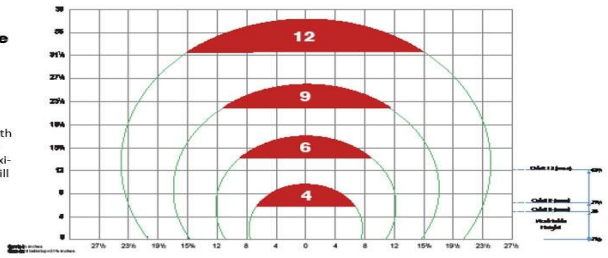
wrapping dimensions

Workable Wrapping Area

Minimum Workable Dimensions

Orbit 6: 2¾"x2¾"
Orbit 9: 3½"x3½"
Orbit 12: 6"x6"

Dimensions refer to infeed with conveyor belts on rollers. For other types of conveyors, maximum workable dimensions will be provided by Robopac.



Maximum product width and height dimensions directly affect each other. As the maximum product width increases the maximum product height decreases; as well, when the maximum product width decreases the maximum product height increases as the charts above show. Adjusting the conveyor height also affects the maximum height and width of the product. Orbit machines allow you to adjust the height of the conveyor, except the Orbit 4, which is fixed.

Orbit Series

Max Rotation Speed

Orbit 4: 160 RPM
Orbit 6: 120 RPM
Orbit 9: 75 RPM
Orbit 12: 58 RPM

Minimum Workable Dimensions

Orbit 4/6: 2.75" x 2.75"
Orbit 9: 3.5" x 3.5"
Orbit 12: 6" x 6"

Film Delivery System

- Pre-stretch: Friction Roll
- Contact Film Tensioning
- Pneumatic Cold Cutting & Clamping Unit
- Film Width: 5" (Orbit 4,6,9)
  10" (Orbit 12)
- Maximum Ext. Diameter: 8" (Orbit 4,6,9)
  10" (Orbit 12)
- Core Diameter: 3"

Operator Interface

Control Panel: Icon driven color touch screen

Utility Requirements

- Power supply voltage: 480 V, 3 PH
- Working Pressure: 90 PSI
- Installed Power: 1.2 HP (Orbit 4)
  1.5 HP (Orbit 6, 9)
  2.5 HP (Orbit 12)

Safety Features

Emergency Stop Push Button
Safety Guard Door and Switch

Warranty

1 Year