

Infinity Solo 250 Single-Roll Wrapper


ADVANTAGES

- Extremely high speeds
- Large reel diameter for long production runs
- Continuous motion movements for less vibration
- Exceptionally small footprint
- Quick and easy change-overs from paper to poly

The Infinity Solo 250 is a high speed single roll wrapper that packs bath tissue in poly and paper. Designed with speed and quality in mind, the Solo 250 can wrap product at speeds as high as 240 ppm. This makes it the fastest single roll wrapper on the planet. Along with it's speed, the Solo 250 carries a very small footprint while still being able to accommodate large reel diameters for long production runs.

The Solo 250 operates by taking rolls from the logsaw, driving them into the elevator, which lifts the roll onto the bottom folding table. At the same time, the poly unwind section unrolls the poly reel through the nip rollers, where the poly sheet is cut, while the fast belts pull the poly onto the bottom folding table. The BRT roll is then pushed up into the poly sheet via the elevator and a pulley driven brush system folds the sides. The rolls then enter the sealing belts and are discharged from the machine. With the help of our Infinity Technicians we can have your staff trained and the machine ready to run quickly. This wrapper is a great way to increase your line's speed and performance. The Solo 250 truly represents what we stand for, efficiency by design.

TECHNICAL DATA

BRT Roll Dimensions		
Diameter:	Min – 90mm (3.54”), Max – 140mm (5.5”)	
Cut length:	Min – 90mm (3.54”), Max – 115mm (4.52”)	
Core diameter(inside):	Min – 70mm (2.75”), Max – 76mm (3.00”)	
Reel Characteristics :		
Width:	Min - 340 (13.38”), Max - 550mm (21.65”)	
Diameter:	Max - 1200mm (47.25”)	
Core diameter:	70 – 76 mm (2.76” – 3.00”)	
Wrap Material:		
Paper:	MG or MF paper with basis weight of 14 – 17 lb. Sufficient moisture content (approx. 5-6%) is recommended to avoid any tearing of wrap	
Poly (option):	18 - 45 micron (0.70 - 1.77 mil) Heat sealable polyethylene, density : 0.870 - 0.930 grs/cc	
Machine Speed* :		
Max speed (paper):	up to 220 packs/min (Dependent upon packaging character.)	
Max speed (poly) :	up to 220 packs/min (Dependent upon packaging character.)	
Changeover Time:		
Pack to pack :	8 minutes	
Poly reel:	5 minutes	
Paper to poly :	80 minutes	
Power / Air Requirements:		
	International Measurement	US Measurement
Air consumption:	284 NL/min	10 CFM
Air pressure:	5.52 bar	80 PSI
Main power**:	380 volt, 3 phase, 50 hertz	480 volt, 3 phase, 60 hertz
Installed power**:	82 kVA	100 Amps
Control power:	24 VDC	24 VDC
Pack configurations	 <div style="display: flex; justify-content: space-around; margin-top: 10px;"> Paper Poly (option) </div>	

*Max speeds are guaranteed production speeds.

**Main power requirements are subject to change based on country.

***Soft rolls or low density rolls may not be able to achieve these speeds.

Please send product to Infinity for determination.

