



PARKINSON WINDERS
PARKINSON TECHNOLOGIES INC

Mk Series Automatic Surface Winders



MkII Automatic Horizontal Surface Winder
with Shaft, Core and Finished Roll
Handling Systems

The Mk Series Automatic Surface Winders are designed for high speed, in-line slitting and winding a wide range of materials. Parkinson Winders' Positran® roll transfer system offers continuous winding during automatic cut-over at full line speed. The MARK Series ensures maximum productivity while providing consistent high quality product rolls.



**Primary Web
Winding**



Mk Series

Automatic Surface Winders



MkII Horizontal Surface Winder



MkIV Surface Winder

Standard Features

- Fully automated and continuous winding operation without reducing line speed
- Engineered for 24/7/365 operation
- Closed-loop tension control system for optimum control of product roll formation
- Plunge cut system available for reliable cut-overs

Available Options

- Shaft, core and finished roll handling systems; from simple manual to complex automatic systems
- In-line slitting and web separation
- Dual bed-roll drives for process flexibility
- Driven or non-driven rider rolls
- Shear, score, razor cross-cut with accumulator

	MkII Horizontal Surface Winder	MkIII Surface Winder	MkIV Surface Winder
Overview	Automatic surface winding of lofted or nip sensitive materials. Can produce large diameter finished rolls with light wound-in tension to prevent damage to sensitive webs.	Automatic surface winding of finished rolls up to 42" diameter. Wound rolls are fully supported, thus inline slitting of wide materials and winding onto small diameter cores is possible.	Provides same benefits of MkIII winder with larger finished roll diameter capacity.
Typical Materials	Nonwovens Textiles Roofing Membrane Specialty Film	Nonwovens (dense) Textiles Paper Composites	Nonwovens (dense) Paper Composites Netting
Material Gauge	0.3-7.4 osy (10-250 gsm)	0.3-14.7 osy (10-500 gsm)	0.3-14.7 osy (10-500 gsm)
Web Widths	20"-157" (0.5-4.0 m)	39"-236" (1-6 m)	39"-236" (1-6 m)
Max Roll Diameter	120" (3.0 m)	42" (1 m)	60" (1.524 m)
Core Sizes	3"-12" (76-305 mm)	3"-12" (76-305 mm)	3"-12" (76-305 mm)
Max Operating Speed	4,000 fpm (1,220 mpm)	4,000 fpm (1,220 mpm)	4,000 fpm (1,220 mpm)

All surface winders are custom engineered and are not limited to the specifications or models shown. Please contact a Parkinson Technologies Regional Sales Manager to discuss your application.



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DUSENBERY® CONVERTING SYSTEMS
MARSHALL AND WILLIAMS PLASTICS
PARKINSON WINDERS
KEY FILTERS

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