

ALPHAWIND SLITTER REWINDER



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The **ALPHAWIND** range of individual arm centre and centre surface winders is able to meet your requirements for winding a wide range of light weight films and specialist papers with web widths from 600mm to 4000mm.

The **ALPHAWIND**, with its precise control of winding conditions, delivers consistent output time after time. Each rewind roll is driven by its own servo style motor for programmed winding torque and contact pressure is precisely controlled for each roll with changing conditions. The computer control system stores operating conditions for each material type ensuring repeatability when switching between materials.

Productivity options are available on all models to automate setting of the slitting knives and rewind arms, and selected models offer auto roll taping, unloading and re-coring.

The **ALPHAWIND** incorporates the following standard features:

- Shaftless winding on paired rewind arms
- Fully programmable torque and contact controls
- Machine control by Siemens PLC and industrial touch screen graphics terminal
- Closed loop unwind tension control with light weight dancing roll

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THE ALPHAWIND SLITTER REWINDER

SPECIFICATION

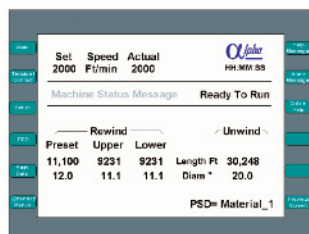
Centre wind with individual layon roll or centre surface with full width winding drum		
Web width	600 to 4000mm	24 to 160"
Rewind Diameter (maximum)	300 to 1200mm	12 to 48"
Unwind Diameter (maximum)	600 to 1200mm	24 to 48"
Line Speed (maximum)	150 to 1000 MPM	500 to 3000 FPM
Operator Interface	Colour Touch	

MATERIALS

Film (OPP, PET, PE)	Laminates
Metallised Film	Papers

STANDARD OPTIONS

Automatic slitter knife positioning
Automatic rewind arm positioning
Closed loop rewind tension control
On or off machine trim winding
Driven or braked unwind
Surface driven layon rolls
Allen Bradley PLC control
Finished roll handling
Web inspection



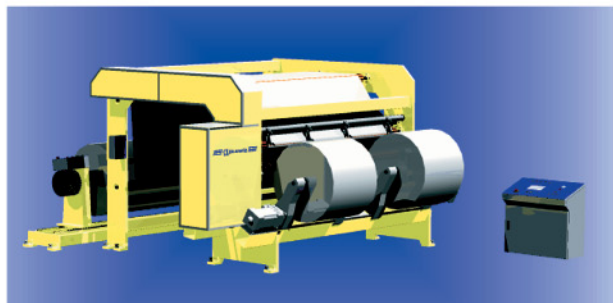
Industrial control system with touch screen for operator interface. Menu driven with recipe recall for operator interface.



Pick up unwinds with tension control through precision disk brake or motor drive.

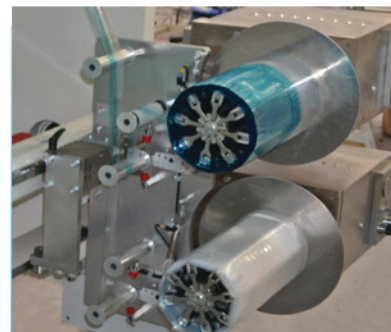
Option for shafted unwind.

Unwinds may be integral to slitter for space saving and reduced cost or separate for larger diameters and improved access.



ALPHAWIND 1000 for larger rolls, with overhead web path and separate unwind stand. Rewinds split front and rear unload rolls direct to trolley.

Wind your trim on an ALPHATRIM traverse winder for easy handling of waste and quiet operation or blow the trim away with an air system.



For the latest information, visit our website www.alpha-converting.co.uk or phone the number below.

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