

ALPHADRUM

Two-drum paper winder



The **ALPHADRUM** can handle web widths up to 2800 mm, rewind diameters to 1800 mm and run at up to 1500 m/min

The ALPHADRUM is a robust, two-drum winder built for both narrow width mills and converters for the rapid rewinding of paper.

The machine is specifically designed to meet the requirements for quick set-up, high speed winding and rapid roll change.

The ALPHADRUM has been developed for longer roll lengths and higher speeds – equipped with Alpha's latest technology for high production efficiency, it can handle web widths up to 2800 mm, rewind diameters to 1800 mm and run at up to 1500 m/min.

Recipe control of all the winding parameters ensures consistent quality from the first production roll.

Fitted with Alpha's fully automatic knife setting system and web cut off, the ALPHADRUM two-drum winder minimises stoppages and delivers class leading productivity for one off jobs and long runs alike.



Unloaded – two sets of rolls ready for packing

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Typical specification

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Web width	To 2,800 mm	To 110 inches
Rewind diameter	To 1800 mm	To 70 inches
Minimum rewind width	50 mm	2 inches
Rewind core diameter	76 mm	3 inches
Unwind diameter	To 1,500 mm	To 60 inches
Material weight	20 to 500 gsm	0.1 to 0.28 point
Line speed (maximum)	1,500 m/min	4,900 ft/min
Operator interface	10" colour touch screen	

Standard features

- Independently driven steel winding drums.
- Top riding roll with independent drive.
- Thread assist from the slitting knives up to the winding position.
- Automatic setting twin bow spreader system.
- Powered roll eject and heavy duty unload bucket for loading to floor.
- PLC control with touch screen interface and recipe system.
- Closed loop unwind tension control.
- Quality engineered and manufactured in UK.

Standard options

- Automatic knife setting system.
- Vacuum trim removal.
- Tungsten carbide coated winding drums.
- Automatic web cut for roll change.
- Driven unwind with energy recirculation.



Automatic core taping



Automatic knife positioning



Automatic core loading



Cut off – automatic web cut off reduces roll unload time and is integrated into the semi-automatic unload sequence



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