

ALPHASPOOL

Single head spoolers



ALPHASPOOL single head spoolers spool a wide range of materials both flat (tape) and profiled, producing high quality spools for every customer.

The spooler's sensitive tension control and profiled winding patterns ensure accurate control of the tape position and precise profiling of the finished spool at all operating speeds. The integrated recipe system ensures repeatable spooling, with easy operator interface through a colour touch screen.

The ALPHASPOOL RSM, with the ability to convert pancake rolls to spools is the ideal machine to create new opportunities for converters new to spooling, for smaller markets and for prototype work. With the de-spool option it can also be used for spool rework. Pancake rolls can be slit on single knife cutters or conventional slitter rewinders.

High productivity models with accumulators, twin winding heads, and automatic transfer allow non stop winding in line with customer laminating and extrusion lines.

Materials – adhesive or non-adhesive

OPP, PET, PE	Cable tapes	Security stripes	Medical
Filaments	Non-woven	Carry handle	Water block



Spooling of film and non-wovens



Traversing head for wide webs



Adhesive tape spooling

Continuous production with accumulator



www.alpha-converting.co.uk



ALPHASPOOL

Multi-head spoolers



Nonwoven spooling



Powered unloading

ALPHASPOOL multi-head spoolers spool a wide range of materials both flat (tape) and profiled and are normally supplied with fully integrated unwind and slitting.

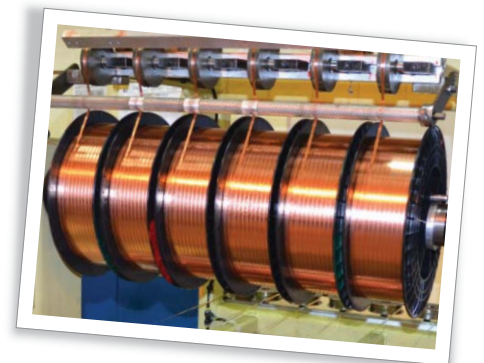
The spoolers' sensitive tension control and profiled winding patterns ensure accurate control of the tape position and precise profiling of the finished spool at all operating speeds. The integrated recipe system ensures repeatable spooling, with easy operator interface through a colour touch screen.



Cable spooling



Adhesive tape spooling



Metal spooling

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ALPHAMATIC



The ALPHAMATIC winder delivers rapid, fully automatic roll change for a wide variety of materials.

Roll transfer is fully automatic, with fold-free start without tape or glue. Roll closure can be by tape, labels or wrap around bands. Total cycle time down to 15 seconds.

The servo driven centre rewinds precisely control the winding tension and, together with the fully programmable layon rolls, ensure good quality with even the most sensitive products.

The ALPHAMATIC range includes turret and single position heads, shafted or shaftless winding, and winding with cores or coreless.

Different cross cutting systems are available to suit any material.



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Materials produced on the ALPHAMATIC range include

- Coated papers
- PET film
- PE film
- PSA films
- Technical nonwovens
- Food products
- Flooring products
- Construction products

Integrated control system for rapid commissioning

- Colour touch screen with multilingual display
- Metric or imperial operator interface
- S7 software
- DC bus system regenerates power electrically to reduce running costs



Integral shafted unwind with AC drive motor



Integral shaftless unwind with braked tension control



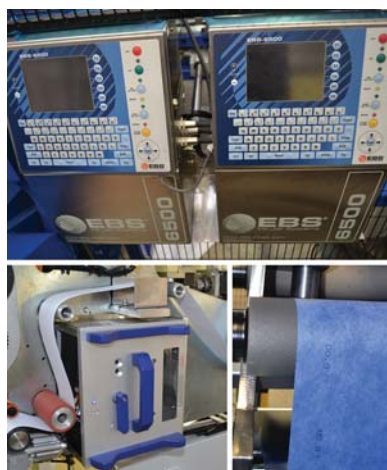
Fully automatic winder running inline with a customer coating line at constant line speeds up to 200 m/min

Automatic core loader accepts different core lengths for flexibility of slitting widths



Finished rolls automatically loaded into a box on a single position ALPHAMATIC reduces operator handling

Wide choice of printing options on labels, roll closure tape or direct onto the web



Single position with shaftless rewind



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