

# ALPHAMATIC

## In-line and free standing applications



The **ALPHAMATIC** automates the production of cut to length rolls, making them ready for retail sale.

The ALPHAMATIC is a critical advance in the process of roll length cutting, on-machine labelling and packaging for retail sale.

It incorporates features that improve productivity, quality and presentation of the product – and in a competitive business environment, where added value, cost control and efficiency in the downstream process matter, this is vitally important.

The ALPHAMATIC minimises operator involvement by automating the winding, cutting and packaging operations to suit your products and markets, with short cycle times and reduced unit costs.

### Major features

- Automatic operation.  
*Improves product throughput and unit costs.*
- Can handle a wide range of materials.  
*Versatile.*
- Engineered to optimise customers' production process.  
*Can fit into existing production lines.*
- Short cycle time.  
*Speeds production.*
- Integrated accumulators.  
*Continuous production.*
- Automatic cut off and reel closure by label or tape.  
*Maintains product integrity.*
- Product and core labelling.  
*Instant traceability through bar codes and variable information printed in-line.*
- Automatic core loading (with or without core cutting).  
*Releases operator for other tasks.*
- Finished roll bagging and boxing.  
*Increases line efficiency. Job complete!*

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## In-line and free standing applications

*Having worked with almost every type of material, on webs from 5 mm to 10 metres wide and with machines that run from 1 to 2,500 metres/min, our engineers will use their considerable experience to ensure your needs are met.*

### Typical applications – design briefs

#### 1. In-line

Integrate new automatic rewind and boxing system into an existing production line.

- Continuous operation.
- Cut to length.
- Shaftless operation.
- Computerised machine control system with touch screen interface, menu set-up and recipe recall.
- Automatic
  - Core loading.
  - Tapeless transfer.
  - Roll closure.
  - Boxing.

#### Design parameters – material: bitumen polyethylene laminate

Web width	1,040 mm	41 inches
Material thickness	1.3 to 2.2 mm	0.05 to 0.09 inches
Rewind diameter	300 mm	12 inches
Core diameter	127 mm	5 inches
Production rate	1 roll every 35 seconds	

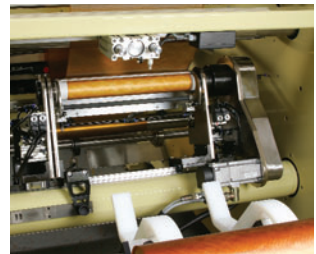
#### 2. Free standing

To automate cut to length, labelling and sleeving operations.

- Fully automatic system.
- Start-stop operation.
- Cut to length (variable).
- Shaftless operation.
- On board unwind.
- Variable width.
- Computerised machine control system with touch screen interface, menu set-up and recipe recall.
- Automatic
  - Core labelling and loading.
  - Tapeless transfer.
  - Roll closure.
  - Roll sleeving (wrapping).
  - Product labelling.

#### Design parameters – material: polyester

Web width	640 to 1,600 mm	25 to 63 inches
Material thickness	25 to 100 µm	0.001 to 0.004 inches
Rewind diameter	125 mm	5 inches
Core diameter	25 or 50 mm	1 or 2 inches
Production rate	1 roll every 25 seconds	



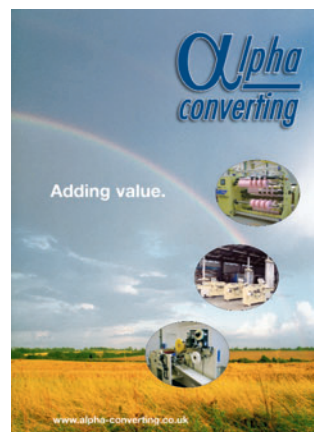
Shaftless rewind with tapeless transfer and auto roll closure.



In-line application features end of line winding and boxing for continuous operation.



Fully automated core labelling, roll sleeving and heat sealing direct from the machine.



Alpha Converting focuses on web handling technology and is a leading producer of high quality machinery for the converting industry.

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ADDING VALUE