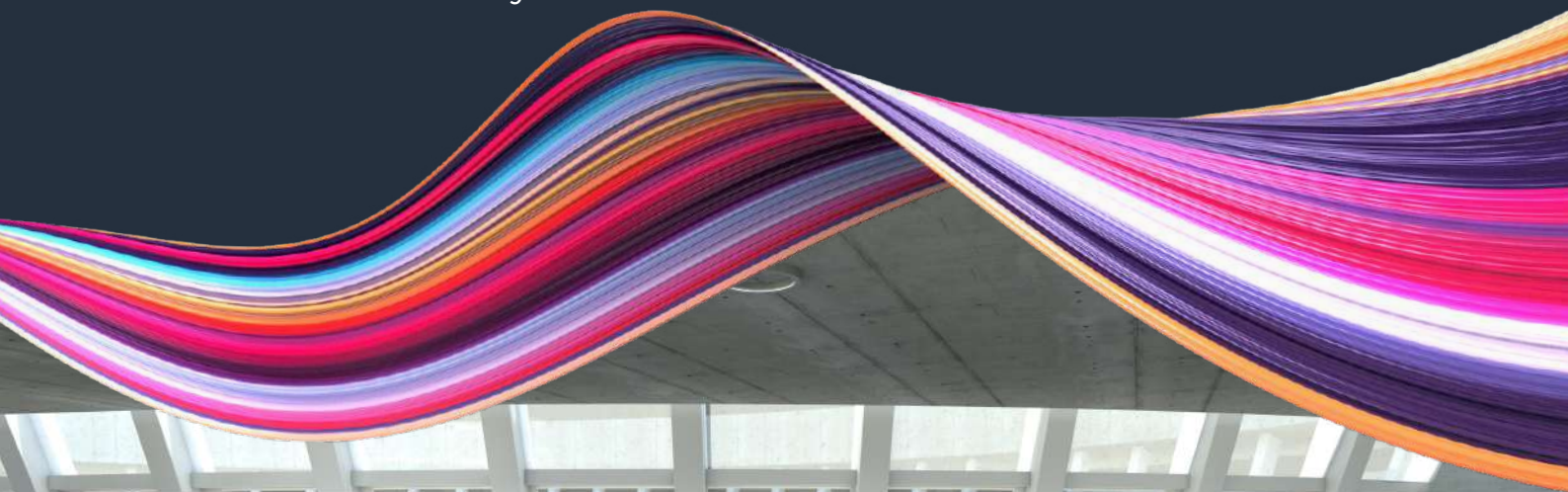


Increase your printing and converting productivity



Non-Stop winding technology,
for maximum efficiency



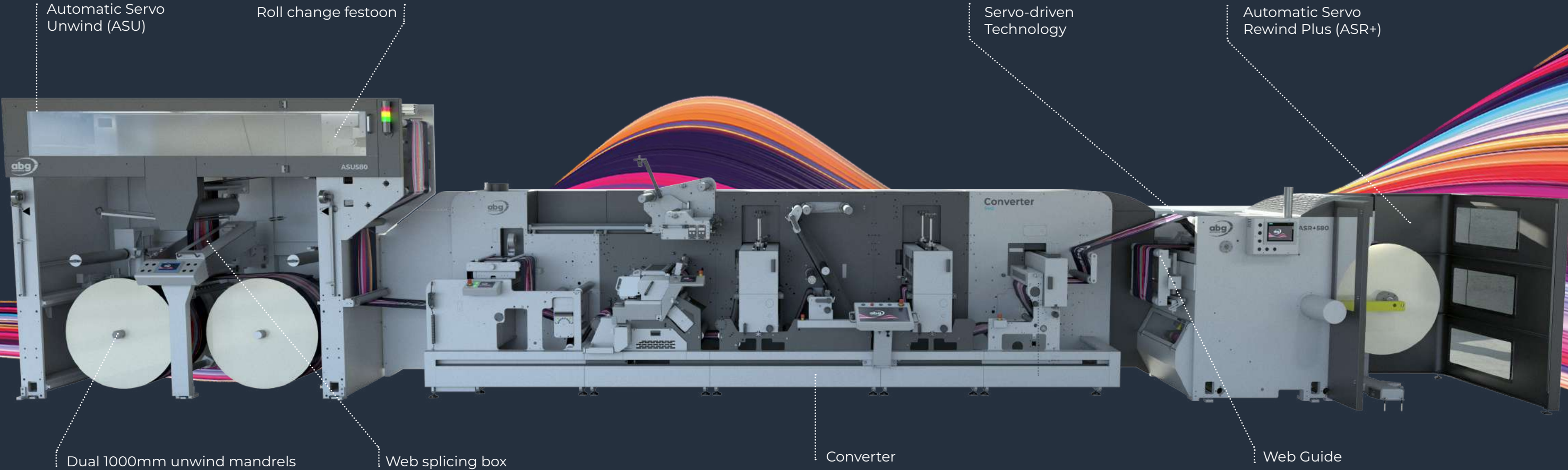
Contact us: +44 1262 671 138 | info@abgint.com

abgint.com

Our range of Non Stop Winders are the key to ultimate efficiency. Improve quality, productivity and save material waste.

Want to find out more?

See the efficiency of our Non-Stop solution for yourself, watch our video by scanning the QR code opposite



Non Stop Winding Solutions

by A B Graphic International

A pillar of the ABG portfolio, manufactured at our Enprom Girona manufacturing site.

Our range of Non-stop winders is industry-leading and utilises the latest servo technology as opposed to traditional mechanical solutions,

enhancing both product quality and line productivity whilst also reducing material waste.

The Non-stop winding solutions are a must-have for any printing press and compliments ABC's Digicon Series 3 or Converter perfectly.



Increased Capacity

Up to 20% additional capacity created, reducing the number of presses needed.

Camera Compatible

Fully integratable with ABC's fleyeVision camera inspection technology.



Non-Stop Technology

Contact us: +44 1262 671 138 | info@abgint.com

Environmentally Efficient

Reduced material waste on machine start up and roll changeover.

Increased Product Quality

Running at a stable web tension allows for increased product quality and consistency.

Non Stop Winding Solutions



abgint.com

The Non Stop Winding Range

Effortlessly integrate our Non Stop solutions into your ABG Converter, Digicon or combine them with your existing 3rd party press.

NSU EVO

NEW FOR 2025!

Non-Stop Unwind Evolution

Our new entry level unwind with a compact footprint, driven by servo motors.

- Available in 450mm (17"), 580mm (22") and 670mm (26") web widths
- Pneumatically vertical festoon
- Automatic splice initiation



ASU

Automatic Servo Unwind

A new generation of Non-Stop unwind utilising servo technology for unrivalled web tension control.

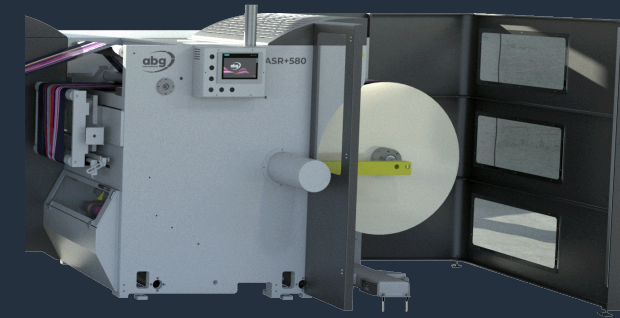
- Available in all web widths: 370mm (14"), 450mm (17"), 580mm (22"), 670 (26") & 850mm (33")
- Horizontal festoon
- Full close-loop tension control

ASR

Automatic Servo Rewind

Our entry level Non-Stop rewind solution. Enhance the efficiency of your finishing solution by removing the need to stop for a roll change.

- Available in 370mm (14"), 450mm (17"), 580mm (22") and 670mm (26") web widths
- Bump and cut transfer
- Maximum 1000mm finished roll



ASR+

Automatic Servo Rewind Plus

ABG's latest rewind solution utilising our Vectra anvil and auto-cutting technology.

- Available in 370mm (14"), 450mm (17"), 580mm (22") and 670mm (26") web widths
- Anvil and Auto Cutting module
- Maximum 1000mm finished roll
- Core Diameters include 3"/6"

ASR2

Dual Automatic Servo Rewind

A dual non-stop rewind solution with the capacity to hold two 1000mm rolls simultaneously

- Available in 450mm (17"), 580mm (22") and 670mm (26") and 850mm (33") web widths
- Cutting transfer unit between the 2 rewinds
- Increased roll change over period for operator



ASR Slitting Module

for the Non Stop Rewinder

ABG are now able to offer a new slitting module, allowing you to convert large rolls of material into smaller, more manageable rolls in a range of widths, whilst maintaining the automation and enhanced production benefits provided by our Non Stop lines. Easily retrofittable into our ASR range.

New Slitting Module



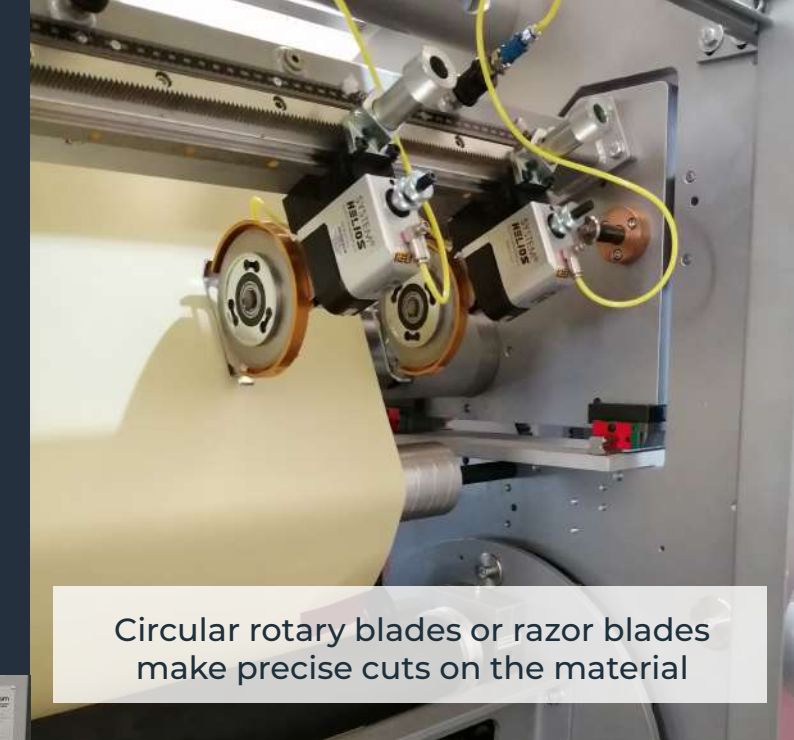
Automatic Servo Rewind (ASR)

Precision and Consistency

Ensures accurate and consistent widths for high-quality finished rolls and reduced material waste.

Material Versatility

Able to handle various types of materials such as paper, self adhesive and blank labels, broadening your production capabilities.



Circular rotary blades or razor blades make precise cuts on the material

Flexibility

Allows for quick and easy adjustments to accommodate different width requirements and diameters from 400 - 600mm.

Automation and Integration

Can be integrated into automated production lines, enhancing process efficiency and reducing manual labor, with speeds of up to 200m a minute.

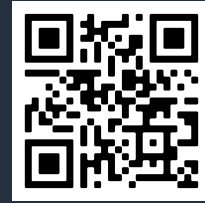


3-4 slitting lanes with a motorised counter knife to support during cutting

Did you know... ABG also offer Non Stop Winding for the HP V12

Want to find out more?

Scan the QR code opposite to find out more on our Non Stop range developed for the HP V12.



Developed in partnership with HP

Further improving the levels of automation offered by the V12.

Integrated into the V12

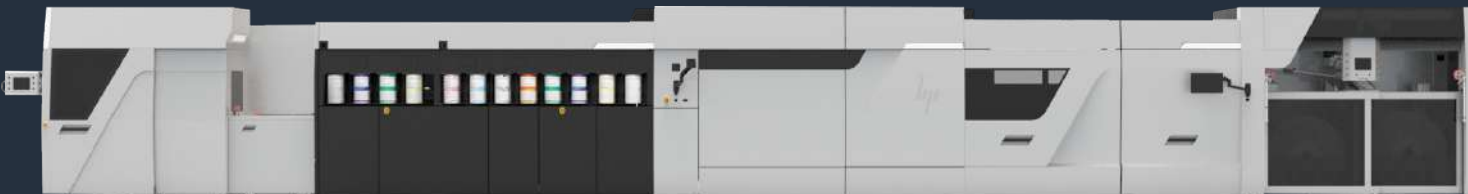
As one platform, the new Non-Stop Unwind and Rewinding system is fully inline with the HP V12 press.

State-of-the-art guarding

Developed to fit with the HP brand whilst offering operator ease.

Capabilities

Offers the best tension control in the market as standard, with speeds of up to 120m/min.



Non Stop Technology

Contact us: +44 1262 671 138 | info@abgint.com

Non Stop converting from ABG

A one stop solution from one supplier

Our Non Stop range can be integrated with our entire portfolio of Converters, Digicons, Vectra Turret Rewinders and fleyeVision Inspection System allowing customers to create a bespoke machine able to:

 Outstrip the competition

 Reduce Downtime

 Minimise Waste



“

The main reason for purchasing the Non Stop Winders from ABG was to improve efficiency.

Beforehand, we would lose about 15 minutes of productivity per hour changing reels. Now, because of this excellent piece of equipment having been seamlessly integrated with our Omega Converter 430 machine, we are now saving vital minutes of production time, which makes a huge difference on long-term contracts.



Ian Brigham
Managing Director
Cartor Security Printers

”

Non Stop Winding Solutions

abgint.com

ABG Manufacturing Sites

**YORKSHIRE
UK**



**BAESWEILER
GERMANY**



**GIRONA
SPAIN**



- Digital Finishing
- Converters
- Turret Rewinders



- SRI
- Booklet Machines
- InkJet Technology
- Fleyevision



- Non-Stop Technology
- Flexible Packaging
- 670mm Converters

Head Office

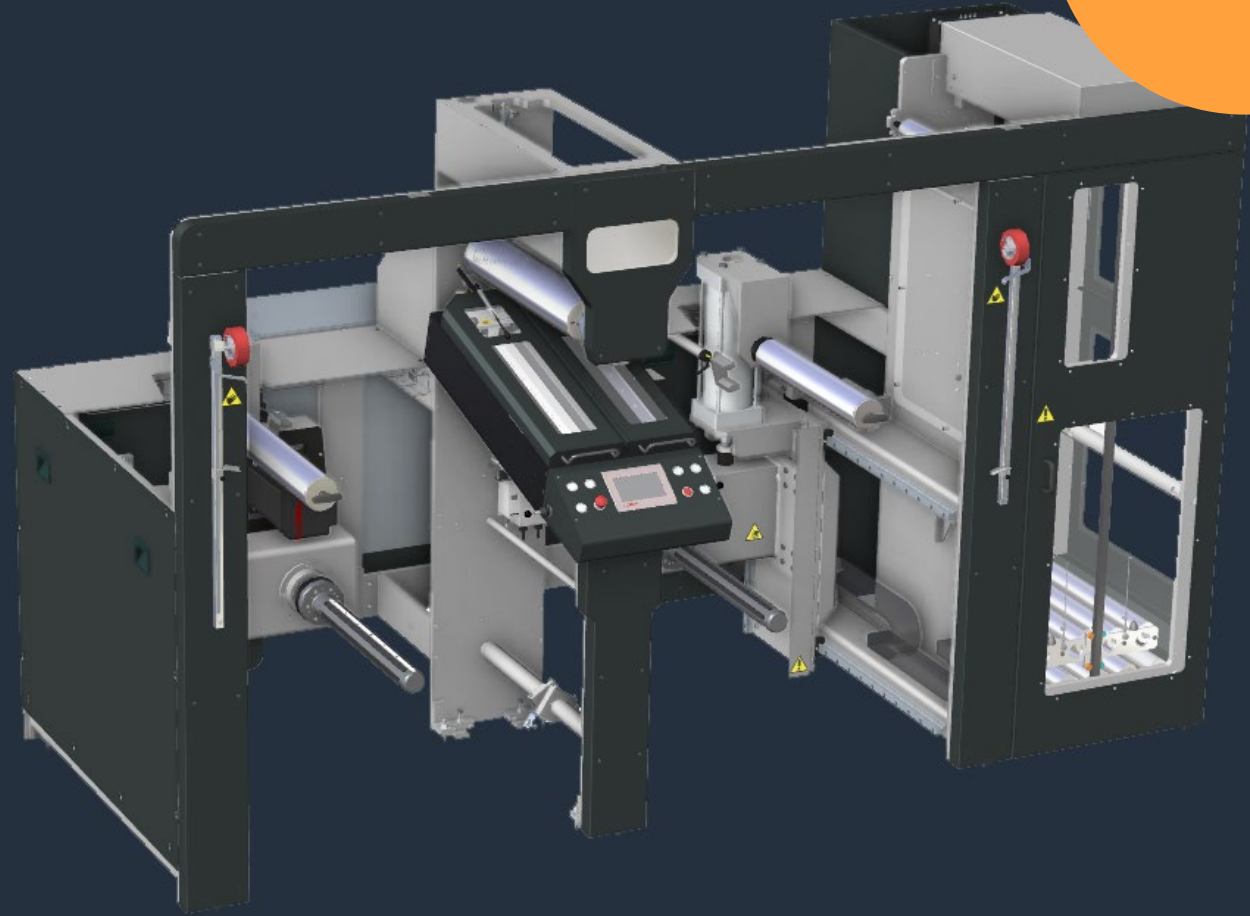
Lancaster Road, Carnaby Industrial Estate, Bridlington, YO15 3QY, UK

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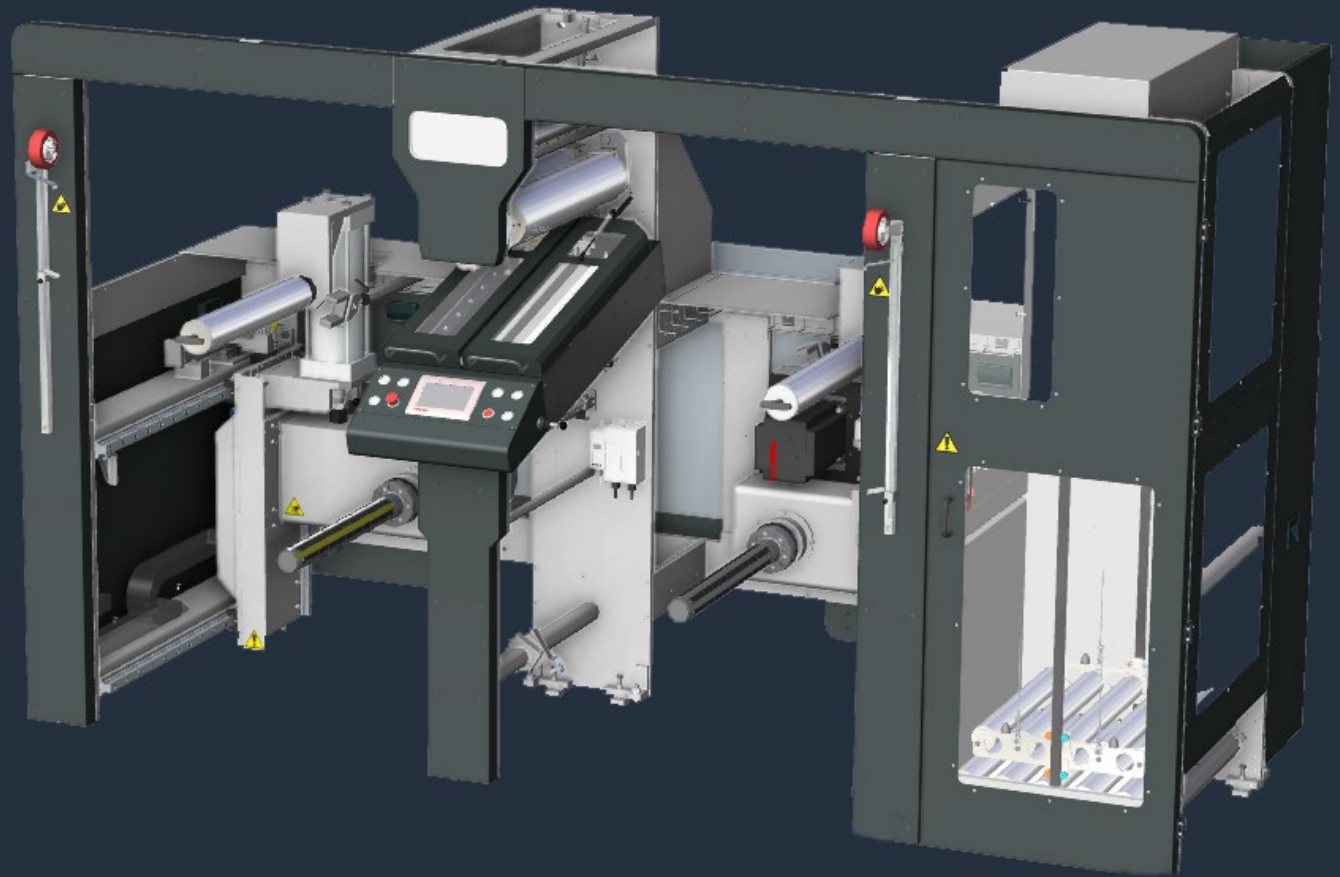
NON-STOP SOLUTIONS **NSU EVO**



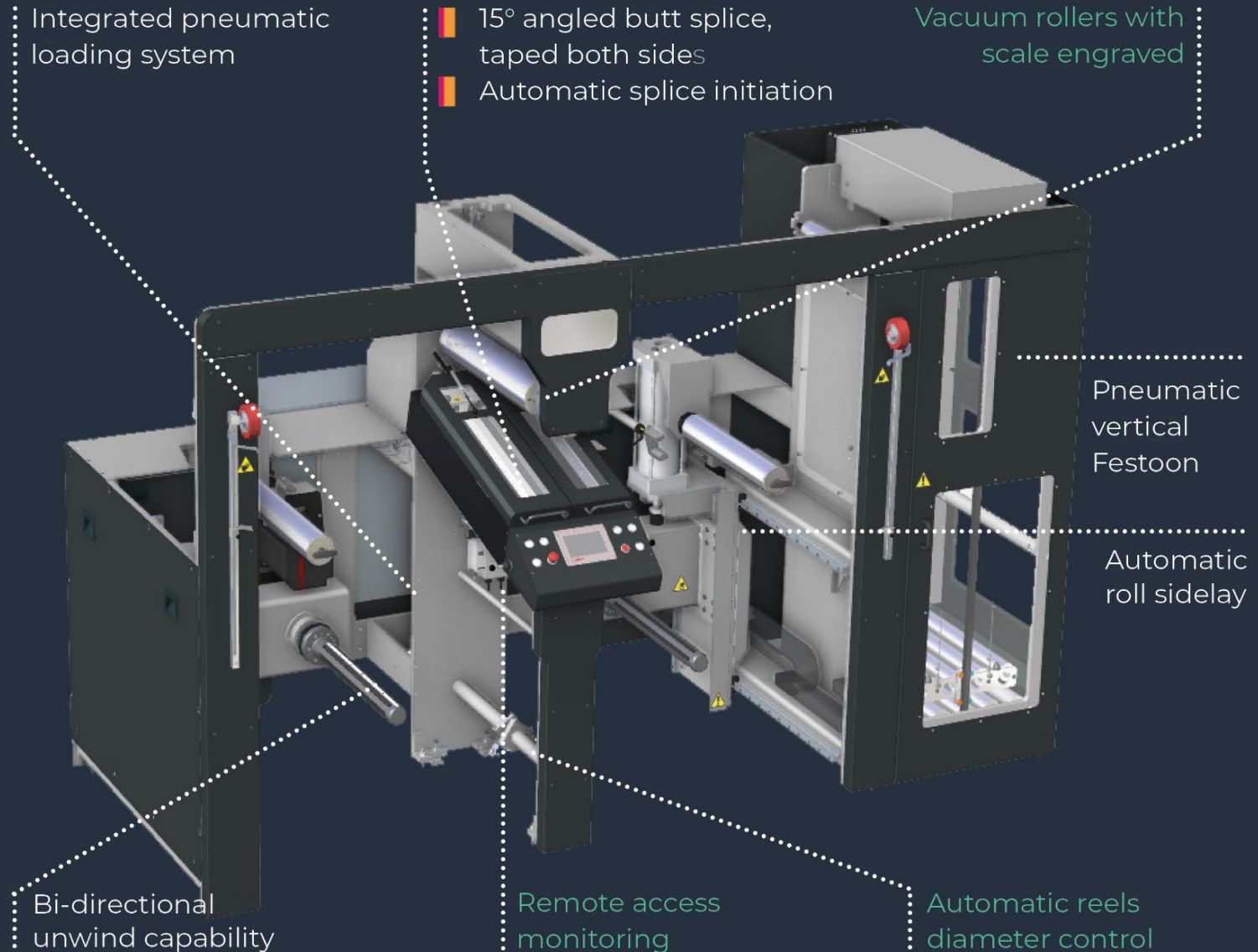
**NEW
PRODUCT**

NSU EVO

- Driven by servo-driven motors
- Pneumatically vertical festoon
- Compact footprint
- Unrestricted view through the back of the machine
- In line with any machine / Press / Converter
- Similar options of the ASU



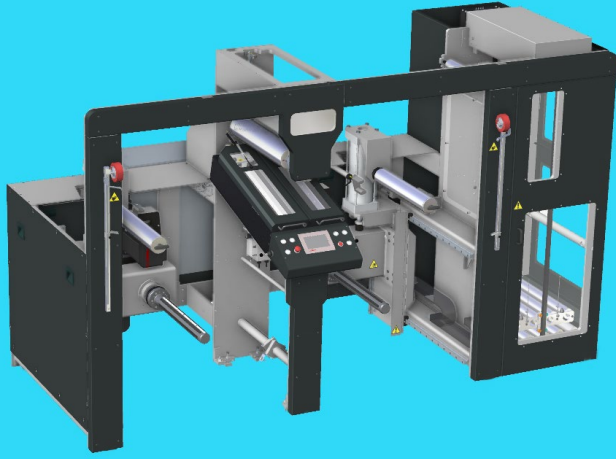
FEATURES



*Always included as standard configuration

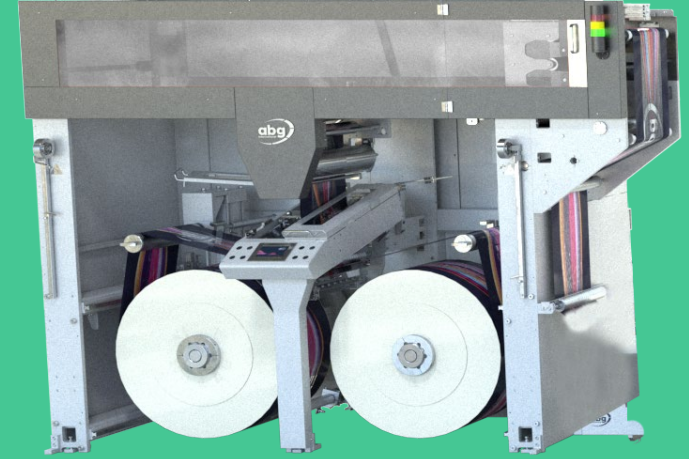
TECHNICAL SPECIFICATIONS

Technical Data			
Web Widths	450mm	580mm	670mm
Max Reel Diameter (mm)	1000	1000	1000
Min. Reel Diameter (mm)	400	400	400
Roll Weight (kg)	425	550	650
Run Direction	Left to Right	Left to Right	Left to Right
Working Speed (m/min)	220	220	220
Splicing Speed (m/min)	150	150	150
Splicing System	Rolling Shear	Rolling Shear	Rlling Shear
Core Diameter	3" / 6" optional	3" / 6" optional	3" / 6" optional
Tensions Range	60N - 250N	60N - 300N	60N - 350N
Scale Type	Metric/Imperial	Metric/Imperial	Metric/Imperial
Material Type	Pressure sensitive label stock paper and film based	Pressure sensitive label stock paper and film based	Pressure sensitive label stock paper and film based



NSU EVO

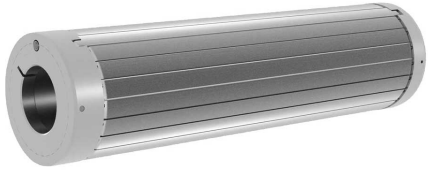
- Driven by servo motors
- Faster acceleration and deceleration times – smaller festoon – smaller footprint length
- Minimum tension 60N
- Vertical pneumatical festoon
- Visual through the back
- For Pressure sensitive label stock paper and film based
- Available web widths: 450 / 580 / 670



ASU

- Driven by servo motors
- High speed Non-stop unwinder
- Minimum tension 20N
- Horizontal festoon
- Full close-loop tension control
- In line with any type of machine
- Available all web widths

AVAILABLE OPTIONS



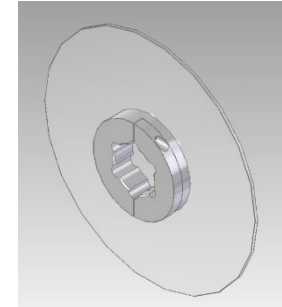
6" diameter oversleeve adaptor

Suitable for mounting onto a 76mm parent shaft (2 sets)



Antistatic Bars (2 sets)

Required for films or materials sensitive to static



Discs to avoid Reels telescoping (2+2 units)

Required for soft reels with possible telescoping



Vacuum bar

For tape support on splicing unit



Spiral grooved Idler rollers

Required for unsupported filmic materials



Anodized idler rollers

Required for paper & board



Plasma coated idler rollers

Required for special stick materials



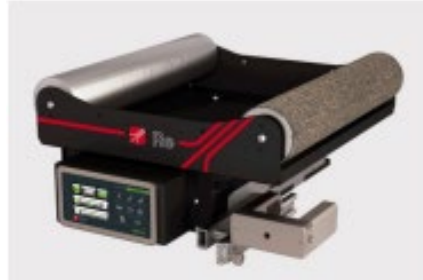
Electric power transformer

For customer connection over 400v
Or
For customer connection under 380v

AVAILABLE OPTIONS



Motorised lift & load assemble
+ in/out automatically



Web Guide
Recommendable when the inline machine doesn't include it



Customised paint colour scheme
RAL colours required, delivery time to be confirmed by Enprom



Air-conditioned electrical cupboard
Recommendable according to geographical location



Signal for roll-to-roll transfer
To give the splice signal to the rewinder

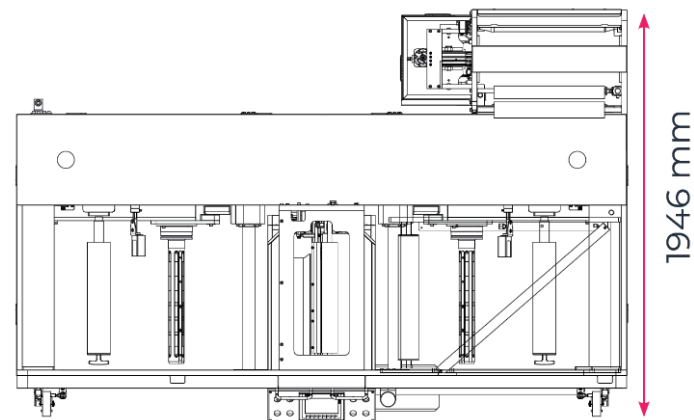
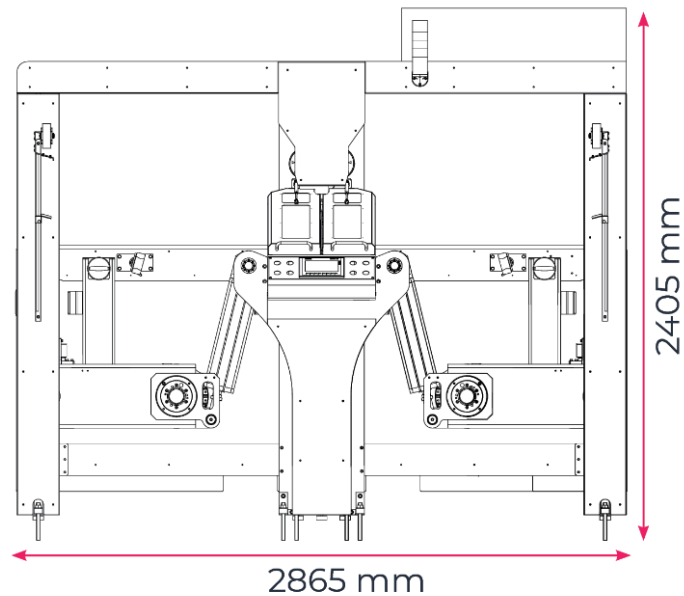


REDUCED FOOTPRINT

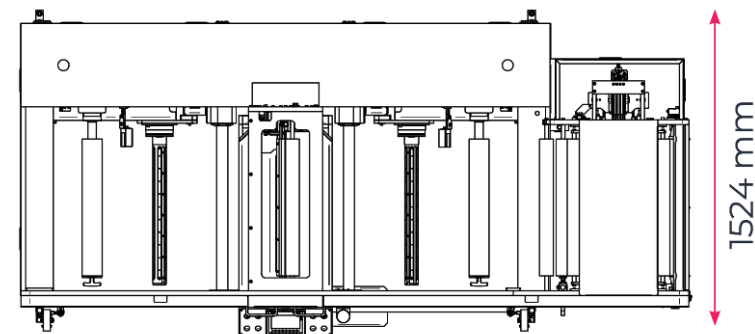
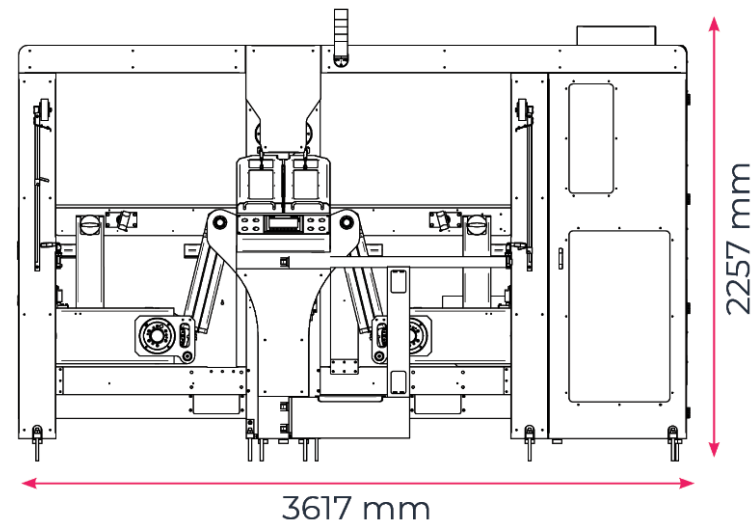
Approximate values for 450mm web width

90° Turn Bar Option

Available in a mid-position



Standard Configuration





Thank you!