

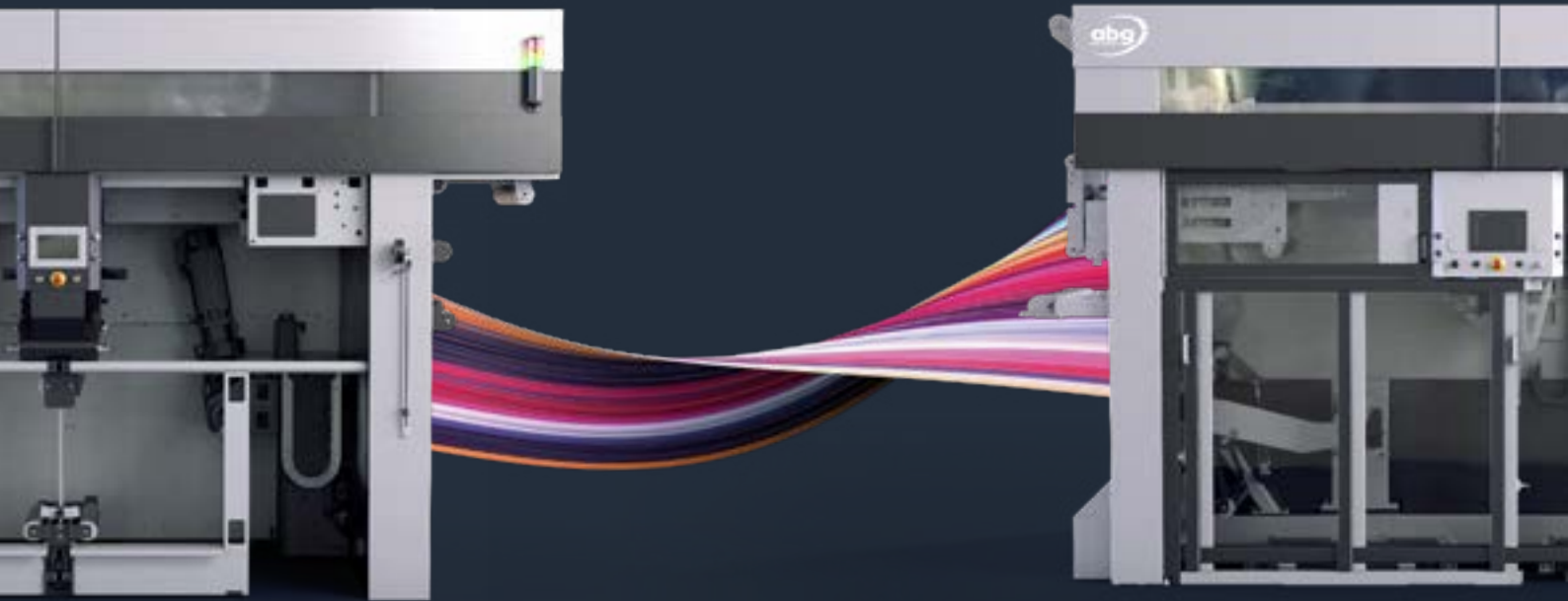


In partnership with



# Increase your printing & converting productivity

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Non stop unwinders & rewinders

Contact us: +44 1262 671 138 | [info@abgint.com](mailto:info@abgint.com)

[abgint.com](http://abgint.com)

# Increase productivity, improve quality & reduce waste

## NSU+



## NSU

Non Stop Unwinder

Complete unwinder range of non stop unwinders for narrow and medium web width machines. Designed to increase productivity and efficiency in the printing and converting processes as well as reduce waste with the non stop feeding of web materials.

Non stop production is achieved by automatically butt splicing the leading roll edge of the new roll to the trailing end of the running roll at full process speed.

## NSU



## NSU

Non Stop Unwinder

### Processes and Technology

Unwinding, Nonstop Splicing, Rolling Shear, Vertical Festoon, Horizontal Festoon



### Non Stop Unwinder (NSU) technical specifications

Width (mm)	370	450	580	670
Max. Reel Diameter (mm)	1000	1000	1000	1000
Min. Reel diameter (mm)	400	400	400	400
Max. Roll Weight (kg)	350	425	550	650
Max. running Speed (m/min)	220	220	220	220
Max. Splicing Speed (m/min)	150	150	150	150
Splicing System	Rolling Shear	Rolling Shear	Rolling Shear	Rolling Shear
Festoon	Horizontal	Horizontal	Horizontal	Horizontal

#### OPTIONAL:

- 6" air expandable shaft
- Antistatic Bars
- Additional dancer roll and out feed nip roll
- Spirally engraved idler rolls for unsupported filmic materials
- Remote access monitoring
- Pre-accelerated knife

### Advanced Non Stop Unwinder (NSU+) technical specifications

Width (mm)	370	450	580	580 (*)	670	670 (*)
Max Reel Diameter (mm)	1000	1000	1000	1270	1000	1270
Min. Reel diameter (mm)	400	400	400	400	400	400
Roll Weight (kg)	350	425	550	850	650	950
Working Speed (m/min)	220m/min	220m/min	220m/min	220m/min	220m/min	220m/min
Splicing Speed (m/min)	220m/min	220m/min	220m/min	220m/min	220m/min	220m/min
Splicing System	Rolling Shear	Rolling Shear	Rolling Shear	Rolling Shear	Rolling Shear	Rolling Shear
Festoon	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal

#### OPTIONAL:

- 6" air expandable shaft
- Antistatic Bar
- Splicing in register
- Splicing speed up to 300 mpm
- Spirally engraved idler rolls for filmic materials
- Remote access monitoring

# Higher productivity, increased efficiency & less waste



## NSR

Non Stop Rewinder

The NSR completes the ABC range of non-stop rewinders for narrow and medium web width machines. The NSR increases productivity and efficiency in the printing and converting process and reduces waste with the non-stop feeding of web materials.

The automatic master roll turret rewriter can operate in line with any printing press or converting machine.

When the desired roll diameter is achieved the turret will index and automatically transfer the web to a new core without slowing down or stopping the press.

The completed roll is automatically ejected on to a mobile roll cart avoiding any contact with the floor and possible contamination.

A dancer module keeps the web tension of the automatic rewriter isolated from the web tension of the inline press so there is no interference between the two machines.

## NSR

Non Stop Rewinder

### Processes and Technology

Rewinding, Bump & Cut, Guillotine, Non Stop Splicing, Festoon



### Non Stop Rewinder (NSR) technical specifications

Width (mm)	370	450	580	670
Max Reel Diameter (mm)	1000	1000	1000	1000
Max. Reel diam running at the same time (mm)	1000 + 450	1000 + 450	1000 + 450	1000 + 450
Max Reel Weight (Kg)	350	425	550	650
Max Working Speed (m/min)	220m/min	220m/min	220m/min	220m/min
Splicing Speed (m/min)	150m/min	150m/min	150m/min	150m/min
Splicing system	Bump & Cut	Bump & Cut	Bump & Cut	Bump & Cut

#### OPTIONAL:

- 6" air expandable shaft
- Antistatic Bars
- Pneumatically adjustable lay on roller
- Spiral engraved idler rollers for unsupported filmic materials
- Remote access monitoring

### Advanced Non Stop Rewinder (NSR+) technical specifications

Width (mm)	370	450	580	580	670	670
Max Reel Diameter (mm)	1000	1000	1000	1270	1000	1270
Max. Reel at the Same Time (mm)	1000 - 1000	1000 - 1000	1000 - 1000	1270 - 1270	1000 - 1000	1270 - 1270
Max Roll Weight (Kg)	350	425	550	850	650	950
Max Working Speed (m/min)	220m/min	220m/min	220m/min	220m/min	220m/min	220m/min
Max Splicing Speed (m/min)	220m/min	220m/min	220m/min	220m/min	220m/min	220m/min
Splicing System	Guillotine	Guillotine	Guillotine	Guillotine	Guillotine	Guillotine

#### OPTIONAL:

- 6" air expandable shaft
- Antistatic Bars
- Lay on roller
- Web guide
- Capable of winding both directions
- Splicing speed up to 300m/min
- Remote access monitoring
- Spiral engraved idler rollers for unsupported filmic materials



# International availability, contact our team today

## UK Office

Lancaster Road,  
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## Latin American Office

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expertise



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and serviced by ABC



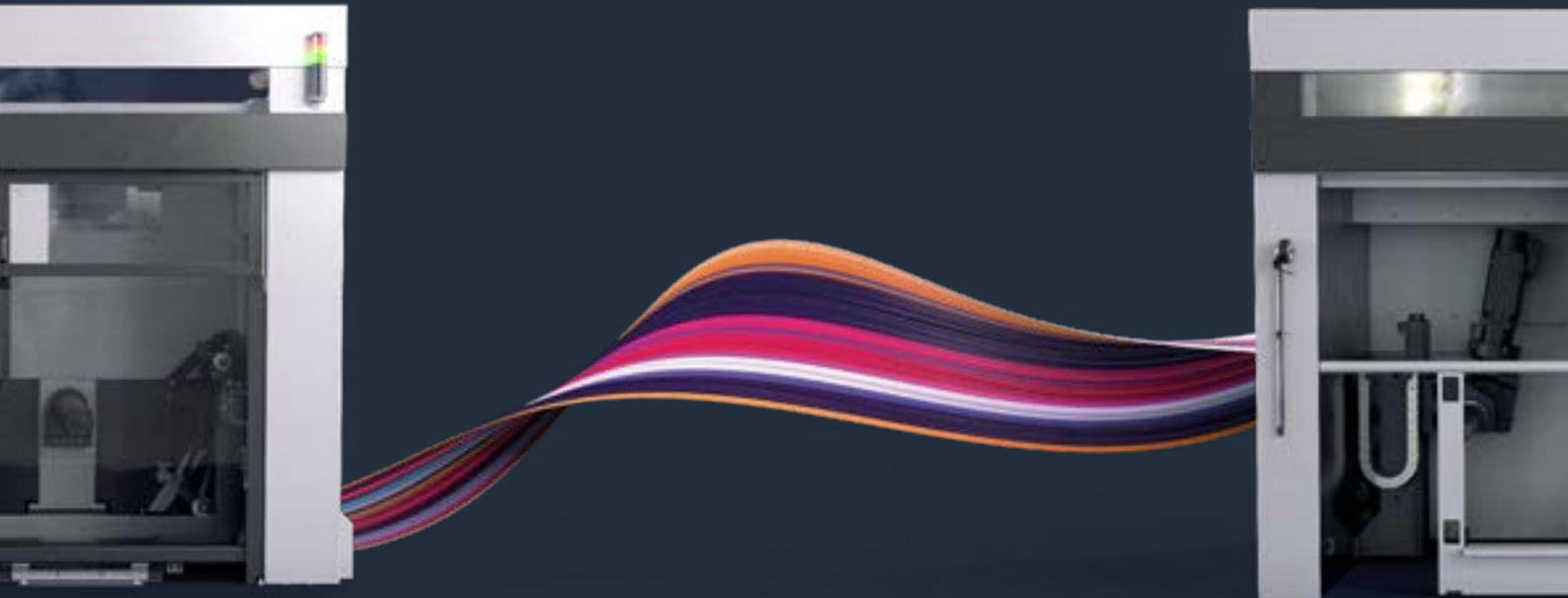
Built with connectivity,  
automation, and ease of use



Modular approach which  
means each build can be  
bespoke to you



Retrofittable options –  
allowing you to future  
proof your business



## Head Office

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

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