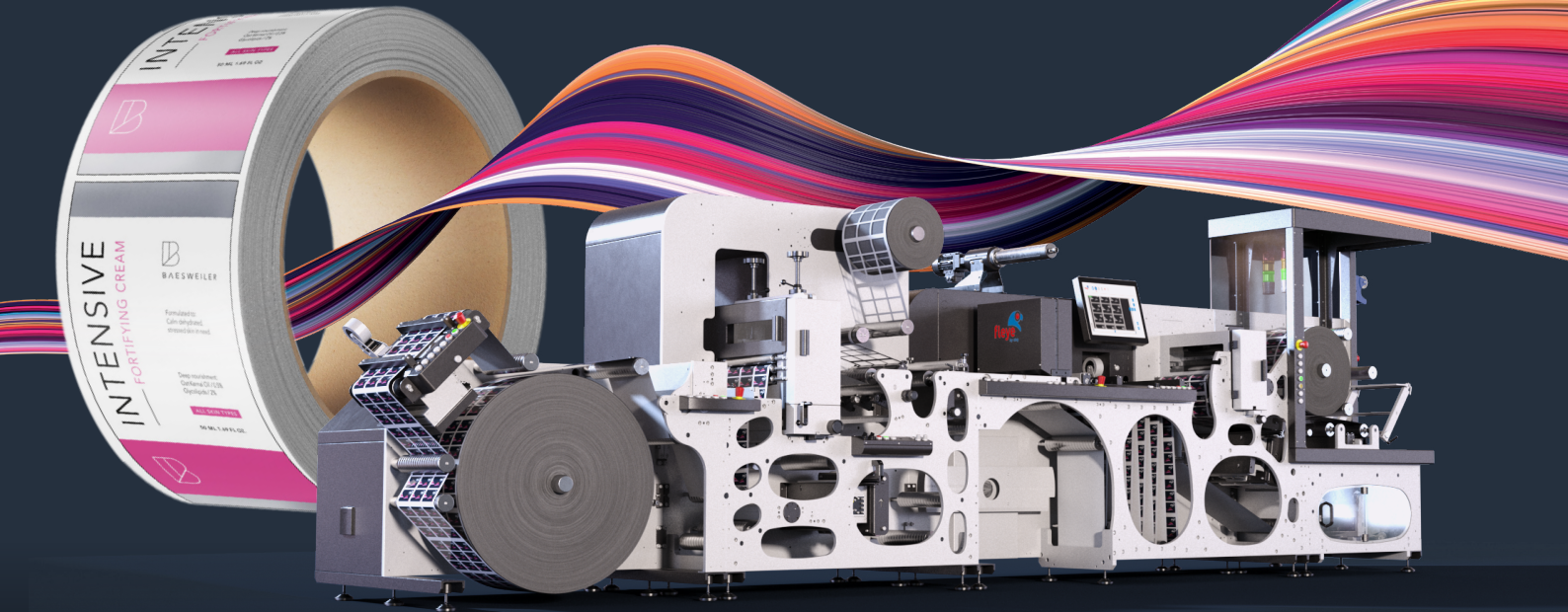




# Accurate inspection with precision slitting



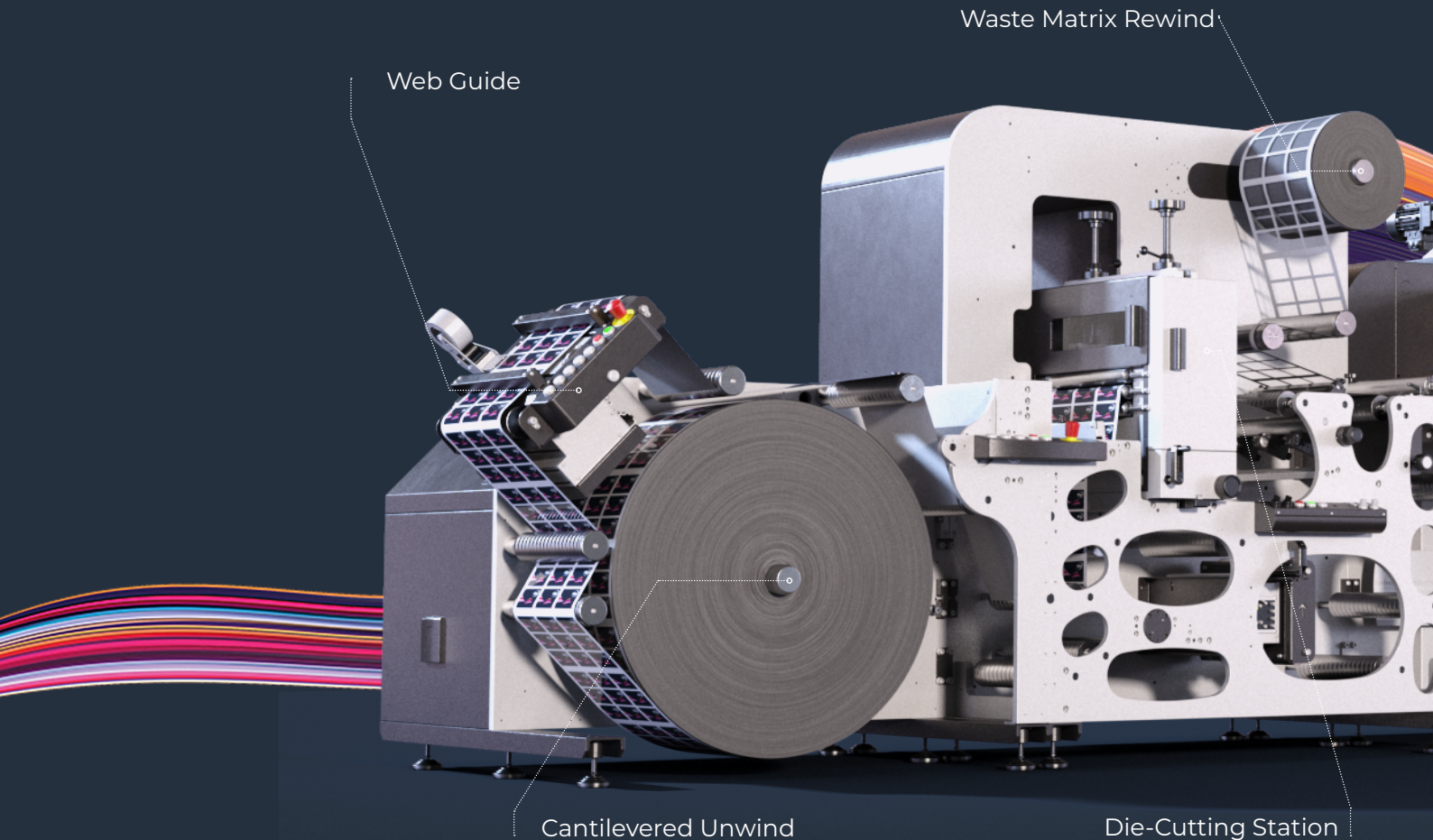
Traditional Finishing - Omega Range

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

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

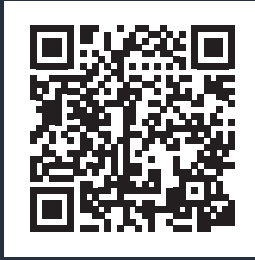
Compact in design, the Omega SRI3 can be configured to meet your individual needs with a wide range of modular add-on options.

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## Want to find out more?

For more information about the capabilities of the highly versatile SRI3, head to our website or scan the QR code.



fleyeVision Camera Inspection



Slitting Unit

Semi-Automatic Turret Rewinder

Part of the Omega product family

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



# Omega

## SRI3

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The Omega SRI3 is a powerful, efficient and versatile label finishing system, which offers three high speed functions: slitting, rewinding and inspection.

It is also unique in that it is the only machine available on the market that doesn't rely on a third party inspection system. Instead, it is fitted with our own 100% fleyeVision inspection technology which means that everything works perfectly and effortlessly together. All three processes are controlled and monitored by a single, multilingual and easy-to-use touchscreen display.

Combining a high level of automation, advanced motion technology and a wide range of innovative features, the OMEGA rewinder range is a clear market leader - with over 2000 systems installed worldwide. Offering fast set up and processing speeds of up to 350m/min, the Omega SRI delivers outstanding efficiency and productivity.





### **Versatility**

Ideal for a wide range of applications and materials.

### **Advanced servo technology**

Ensures perfect web control, with adjustable web tension and integrated web guide.

### **Choice of web widths**

330mm, 430mm, 530mm.

### **Quick setup and changeover**

JDF/JMF ready with pre-defined jobs and job repeat functions; easy to adjust knives on slide out shafts.

### **fleyeVision**

Up to 8k resolution, delivers 100% detection of errors and full quality control.

### **Waste Reduction**

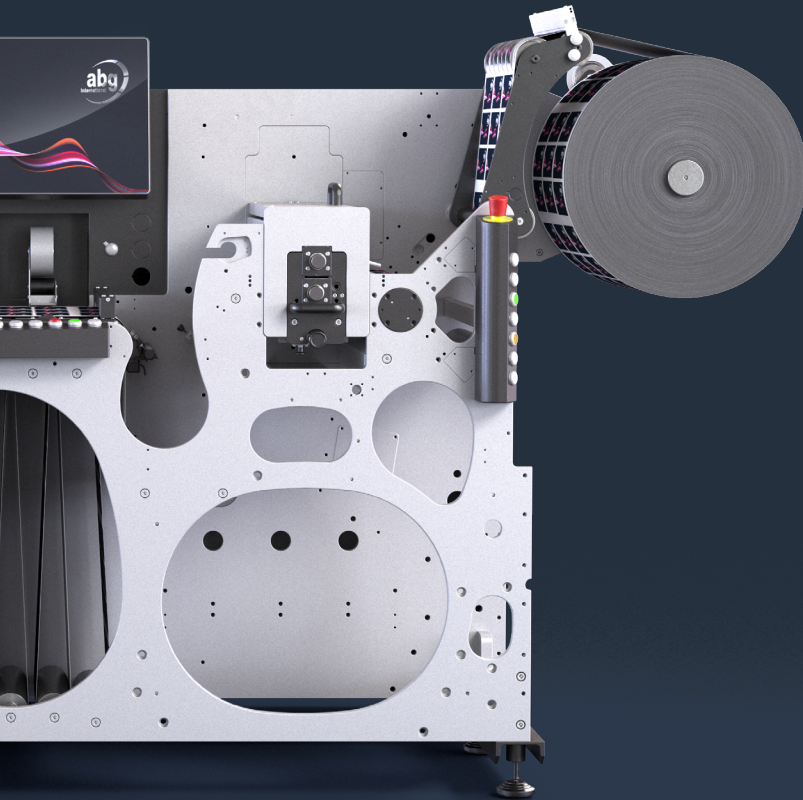
With a short web-path and adjustable end of roll stop.

### **Counting Options**

Including number of labels, web length and diameter at rewind.

### **Moveable web clamps**

Allows for easy replacement of long or short labels.



# Omega

## SRI Pharma

100% inspection

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The Omega SRI Pharma has significantly higher inspection speeds and higher productivity courtesy of ABC's unidirectional pharma workflow.



### Features & Benefits

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The fully integrated fleyeVision inspection control with complete touchscreen operation and modules like barcode or OCR inspection complete with picture.

#### **Adjustable Web Clamps**

Allow a variable splicing area to glue in even larger labels without a problem.

#### **The Modular Concept**

Offers you a wide range of options that allow you to configure the SRI to your needs including automation modules such as AutoSlit and AutoCut.

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Slitter Rewinder Inspection

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# Omega

# Digital

For clinical trial and security labels

The digital print fulfills the growing requests for labelling applications with variable data - from the basic inventory inspection and the falsification protection up to advertising games, tickets, tags, plastic cards and mail materials, creating complete printed products.

The sequence is specially set up for the print and inspection process and is 100% error free. By ensuring the last unprinted label on the roll stops directly in front of the print station ready to be completed upon the next start up.





# Omega Horizon

The Omega Horizon is a multifunctional, bi-directional, servo-driven lay flat rewinder and inspection solution.

It is designed to enable you to inspect and re-work single lanes and can be upgraded with our very own in-house fleyeVision 100% print inspection system.

This rewinder is suitable for pharmaceutical applications by selecting the fully integrated backside / frontside numbering.

## Features & Benefits

### Versatile options

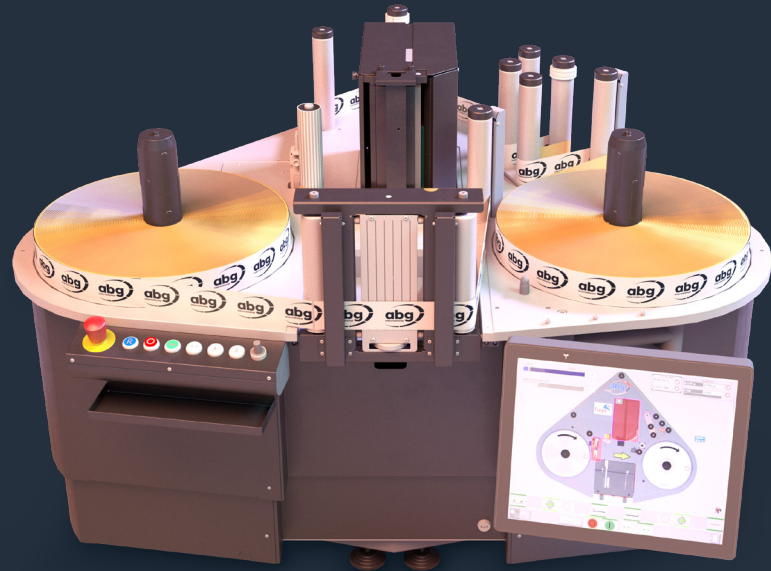
Multifunctional table top rewinding section.

### Easy to use

Simplistic toolless mandrel exchange.

### Precision finishing

Full integrated backside frontside numbering, perfect for pharmaceutical applications,.



# Omega

## 510

The Omega 510 is a versatile uni or bi-directional rewinder with integrated inspection system.

Capable of rewinding, converting, inspecting and numbering, as well as handling foil, blister materials and booklets. Equipped with fleyeVision, our own 100% inspection system, accuracy and seamless operation are guaranteed.

Modular in design, with a wide range of options, it can be tailored to meet your needs exactly. Servo driven technology, advanced engineering and JDF compatibility mean that whatever you need your Omega 510 to do, it can deliver.

## Features & Benefits

### **Automatic Workflow**

quick to set up, easy to operate and timesaving

### **Choice of scissor, razor, or crush knife slitting**

with range of cutting options - for any application

### **Web guides at unwind and rewind**

for accurate web handling

### **Choice or print systems and booklet capability**

to meet your customers demands

### **Optional sensors**

to inspect clear on clear labels or print



# fleyeVision

## Camera Inspection

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100% print inspection, delivering quality for your customers.

Our fleyeVision 100% print inspection system guarantees perfect results, prevents costly customer rejections and delivers an impressive return on investment.

Designed and developed by A B Graphic International, fleyeVision works seamlessly with our own finishing equipment, meaning accuracy and reliability are guaranteed.

Fast, accurate and fully automated, fleyeVision can be configured to meet your inspection requirements exactly. In addition to checking for scratches, hickeys and letter or text irregularities, it can detect register shifts or colour deviations.





### **High-speed digital cameras**

For accurate, real time identification of faults.

### **Flexible**

Inspection parameters can be fine tuned to meet your needs, then saved for future reference.

### **Easy to use**

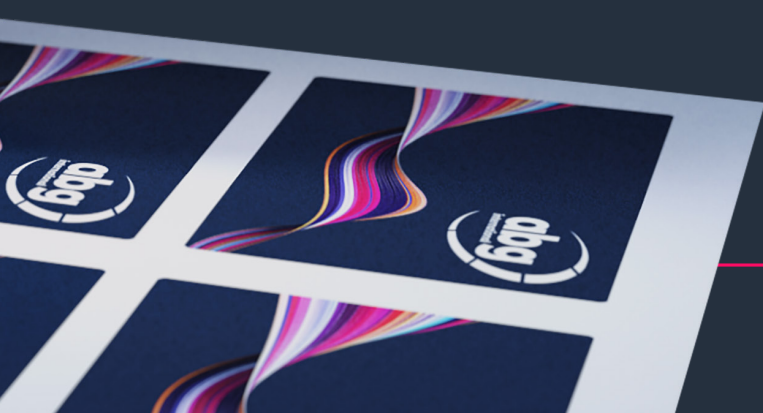
Via intuitive touch screen control.

### **LED illumination**

Enables reflective surfaces, even reflex foils and holographs, to be checked.

### **Versatile**

Can be used on a printing press, converter, rewinder or pharmaceutical control machine.



# Enjoy the security of ABG

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65+ years of print finishing expertise



Designed, manufactured, and serviced by ABG



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

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