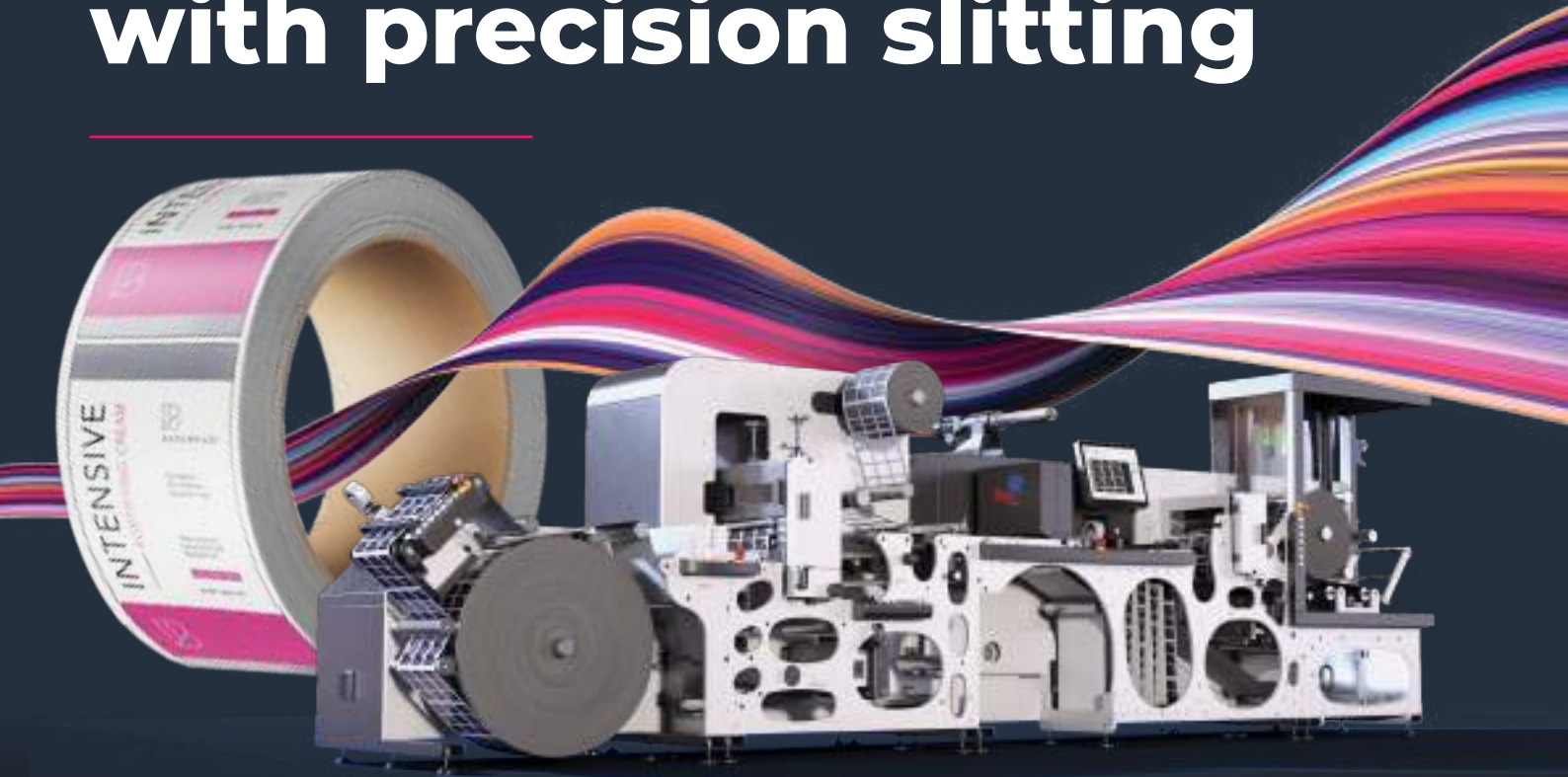




Accurate inspection with precision slitting

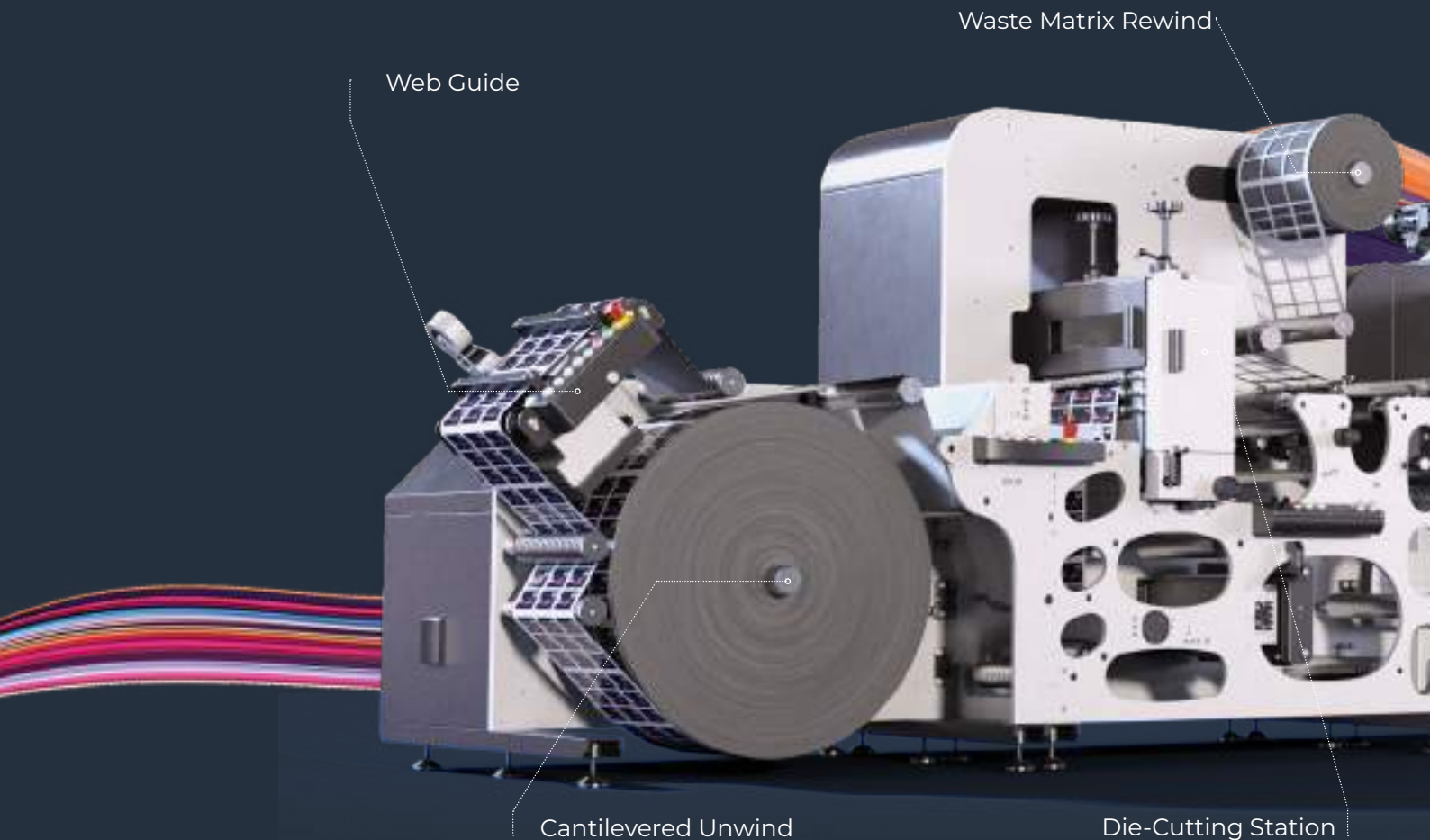


Traditional Finishing - Omega Range

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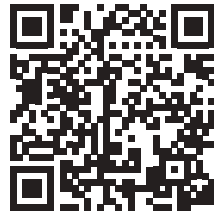
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Compact in design, the Omega SRI3 can be configured to meet your individual needs with a wide range of modular add-on options.



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

Omega

SRI3

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

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



Features & Benefits

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.

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 of print systems and booklet capability

to meet your customers demands

Optional sensors

to inspect clear on clear labels or print



fleyeVision

Camera Inspection

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



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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