



Digital Finishing by ABG



Flawless finishing with automated efficiency

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

abgint.com

The Digicon Series 3 is the result of continuous developments in digital finishing made by ABG engineering teams

Want to find out more?

Head to our website to learn more about our digital finishing solutions and automated workflow connectivity.



Time saving

Full automation for quick job changeover and simple pre-press set-up

Reliable results

High quality components, intelligently designed for consistent production



Simple to configure

Modules and options to configure the machine exactly as you need

Flexible

Works across a range of print applications; roll to roll or sheet



Digital Finishing

Accurate finishing

Cutting edge finishing technology to create high quality label embellishments

Intelligent

Integrates with any Management Information System (MIS)

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Flawless finishing with automated efficiency

Market leading technology

Modules and options to configure the machine exactly as you need

Multiple Web Widths

Available at three different web widths; 330mm (13"), 430mm (17") and 540mm (21")

abgint.com

Digicon Series 3

Add value to your
digital printing

Over **1500** digital machines
installed **worldwide**

The Digicon Series 3 is our flagship machine with thousands of installations worldwide.

Modular in design, the DS3 can be tailored to meet your business needs, enabling you to create a clear and competitive advantage.

Designed for any digital printing application, the Digicon Series 3 can be used roll-to-roll or roll-to-sheet.

Accurate

Built with precision to ensure consistent results.

Flexible

With modules and options to give you a competitive edge.

Choice of web widths

330mm (13"), 430mm (17") & 540mm (21").

Easy-to-Use

With intuitive controls and low-cost maintenance.

Fast

Able to keep pace, inline, with the latest digital print engines.

fleyeVision

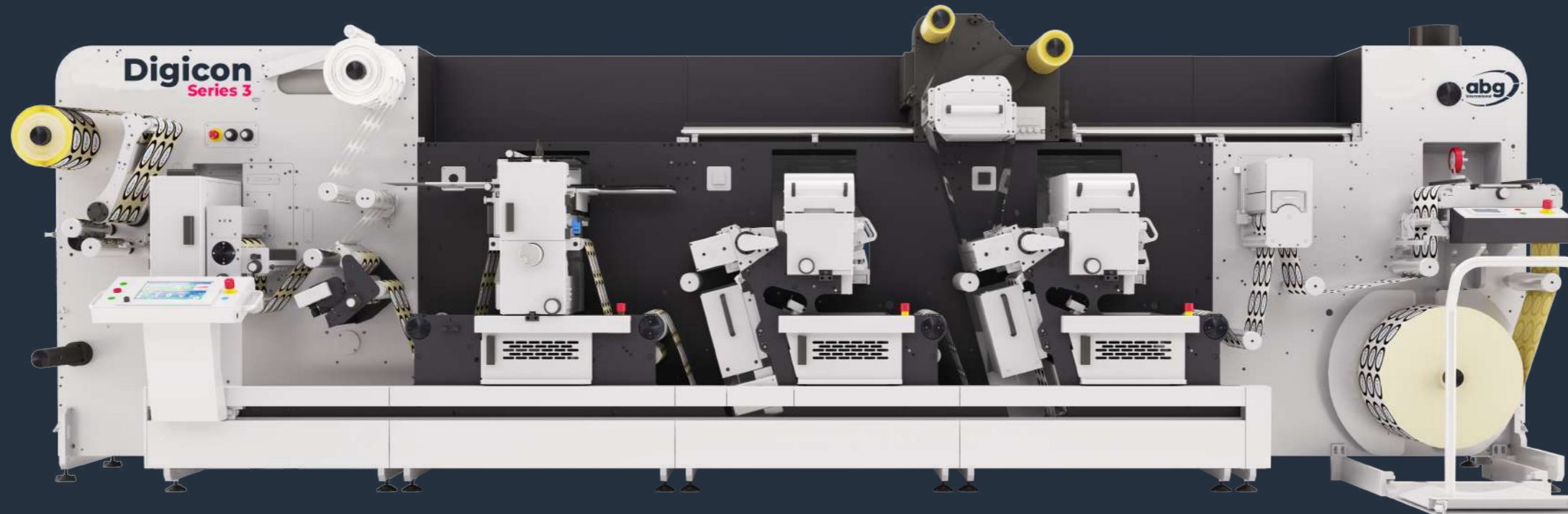
Intergrate our 100% inspection solution to detect any errors for full quality control.

Non-Stop capabilities

When paired with our Non-Stop Winding solutions or Vectra Turret Rewinders.

Time Saving

With a wide range of automation options and our latest ABG Connect workflow software.



Beverage Specification

Foil, emboss or screen varnish - whatever your customer desires, the Digicon Series 3 has the modular solution for you.

Perfect for premium labels, you'll be impressed by the quality the Digicon produces. Also, by utilising our intelligently designed modules, embellishments can now be achieved at increased production speeds without compromising quality.



Flat Bed Screen Printing

With our screen module running at twice the speed of its predecessor, your customer can now have superior quality screen varnish on their labels, whilst you increase your margins.

Big Foot 50 Tonne Hot Foil & Embossing

Giving excellent foil coverage, the Big Foot applies 50 tonnes of pressure allowing foil to be stamped across and along the web, creating high quality, unique labels that are also cost-effective thanks to foil-save!



Other modules to give you a **competitive advantage**

Peel and Reveal

Our crossover unit alongside delam/relam and turnbar modules allows you full flexibility for multi-ply labels.

Rail Mounting System

Adds greater flexibility for mounting turnbar and lamination options.

Lamination In Register

Produce full width, multi-layered labels by laminating a pre-printed web to the main web in perfect register.



Increase your Productivity

Need to speed up production in your finishing department? The Fast Track die is a semi-rotary die that runs up to 180 metres per minute. To automate further, add on the Vectra Autoset turret rewriter which, if chosen as an option, has quick change

mandrels allowing for different sized cores without compromising production speeds, allowing you to perfectly seal your labels with the print and apply applicator or, when combined with a camera, identify less than perfect rolls.



Automatic Die Plate Mounting/Removal

Every time you change jobs, flexible dies are mounted accurately and precisely using high resolution cameras.



Inline/Offline Operation

Have the flexibility to finish labels either inline of offline with the use of our digital interface.



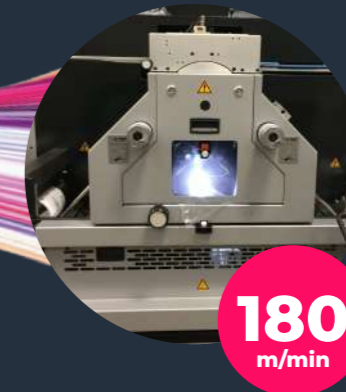
Autoslit with Line Gap Sensor

Speed up job changes with this automatic slitting system that also includes an inter-label gap sensor.



Iscore Automatic Back Scorer

Automatically set your backscorer, minimising production downtime.



Patented Fast Track Die

Our dual anvil die station is capable of speeds of 180m/m to increase your productivity.

DigiLite

The DigiLite is an entry level, compact digital finishing system built to the exact same standards as the larger, market leading Digicon Series 3.

Capable of running at 64 metres per minute in semi-rotary, it can operate in line (right to left only) or stand alone.

It provides an excellent solution for day-to-day applications and can provide additional capacity at busy times. The DigiLite is easy to use, available in 330mm (13") web width and can be specified with a wide range of options to give your business a clear, competitive advantage.

Easy-to-Use

With intuitive controls and low-cost maintenance.

Cold Foiling

Produces a great foil finish with a standard flexo plate.

Autoslit with Label Gap Sensor

Saves time by automatically setting knives.

Accurate

Built with precision to ensure consistent results.

Super Varnish

Produces a premium, high gloss finish.

Iscore

Saves time by automatically setting back scoring knives.

Sheeter

Enables you to finish sheets as well as rolls.

Flexible

A wide range of options to give you a competitive edge.



Digicon 3000

The Digicon 3000 is a uniquely versatile 762mm (30") finishing line for digitally printed self adhesive labels, shrink sleeves, flexible packaging and point of sale materials.

In short, the Digicon 3000 can do it all - from rotary and semi-rotary printing and die cutting to laminating, slitting, decoration and perforation. The possibilities are endless. Fully compatible with the HP Indigo 20000 digital press, the Digicon 3000 is

able to work offline as a stand alone solution or in-line in order to print and finish in a single pass.

All Digicon 3000 systems are configured to meet individual finishing requirements, whether for labels, flexible packaging or both. So, by investing in a Digicon 3000, you can be certain to meet your customers' needs. You will also be able to offer shorter runs, higher quality, greater complexity and faster delivery.



DigiJet

Perfect for short print runs, the DigiJet is able to embellish in high detail from any image source with no tooling costs. Designed to pair seamlessly with all technologies, it can work in full automation mode and is fully compatible with any MIS interface.



Latest digital technology



No tooling required & ease of set up



Minimise waste from your production



Suitable for varnish and cold foil of various thicknesses, and can be adjusted on the fly



Print solid varnish and fine details on the same label



Low maintenance and easy purge procedure, with only one consumable required



Flexibility - can work with any graphic file in greyscale



MIS/ERP compatibility



High speed production



DigiLase

Time Saving

Fast, fully automated job changeover and simple pre-press set up.

Reliable results

Cutting speed and power are automatically managed by the software developed by ABG.

Accurate Finishing

Digitally controlled fine laser beam for cutting intricate shapes on many materials.

Intelligent

Integrates with any Management Information System (MIS).

Simple to configure

Modules and options to configure the machine exactly as you need.

Flexible

Works across a range of print applications; roll to roll, sheet or individual piece.

DigiLase Duo

Twice the efficiency of our standard DigiLase with 2 independent laser sources

Faster Speeds

Cuts from shape to shape 74% faster on average

Reduced Down Time

Decreased redundancy due to two lasers instead of one

Reduced Waste

Our sophisticated workflow can change jobs with minimal waste

Repeat Flow

Able to switch between different shapes on the same job

**NEW
FOR
2025!**



The DigiLase is the result of continuous development in laser cutting technology made by ABG engineering teams.

The modular configuration allows you to deliver labels on a roll or as individual pieces, depending on your customer's preference.

It features an intuitive interface, integrated inspection area and no need for hard tooling.

Designed for short print runs with reduced lead times, the DigiLase is perfect for web-to-print businesses.





The ABC connectivity system can work in conjunction with any Management Information System (MIS) using an industry standard messaging format.

Providing unrivalled efficiency, this sophisticated technology enables automatic job set-up and changeover in just a few milliseconds, with minimal human intervention.



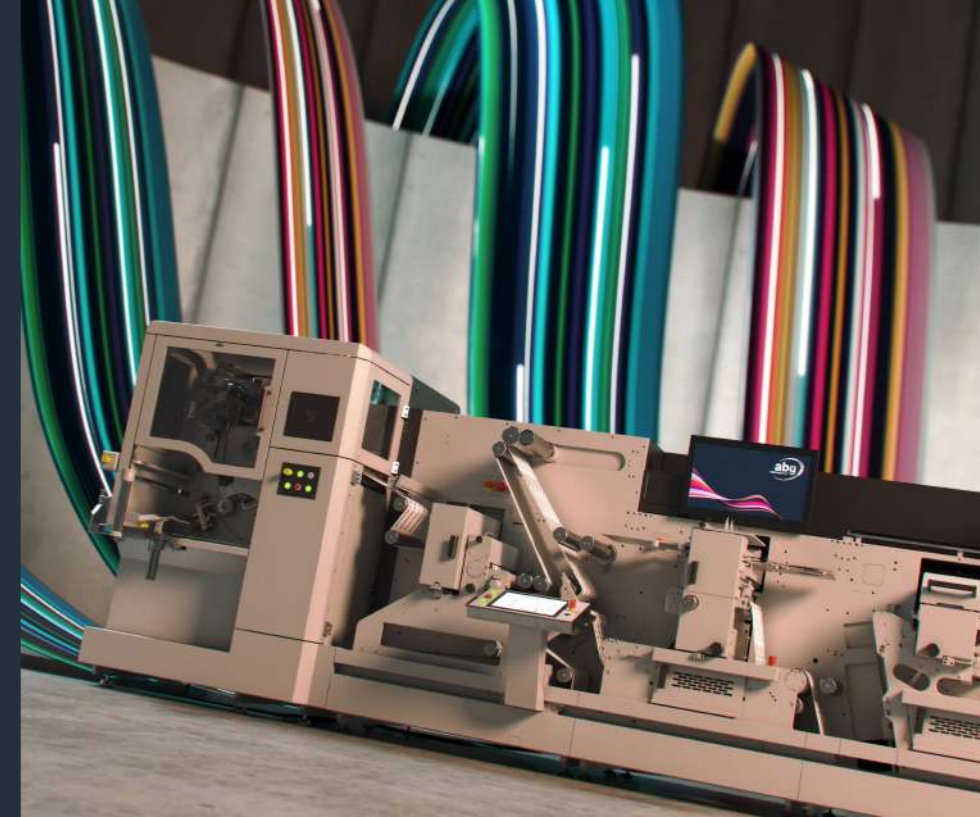
Gives competitive advantage with real time production data for accurate stakeholder reporting



Material saving with faster and accurate setups



Less paperwork with the QR codes removes the need for paper job tickets



Connectivity with all ABC finishing machines managed via a single central server



Faster and more accurate set up reducing risk of operator error



Removes admin tasks from operators freeing up time to concentrate on production



Money saving through increased automation and less need for human resources



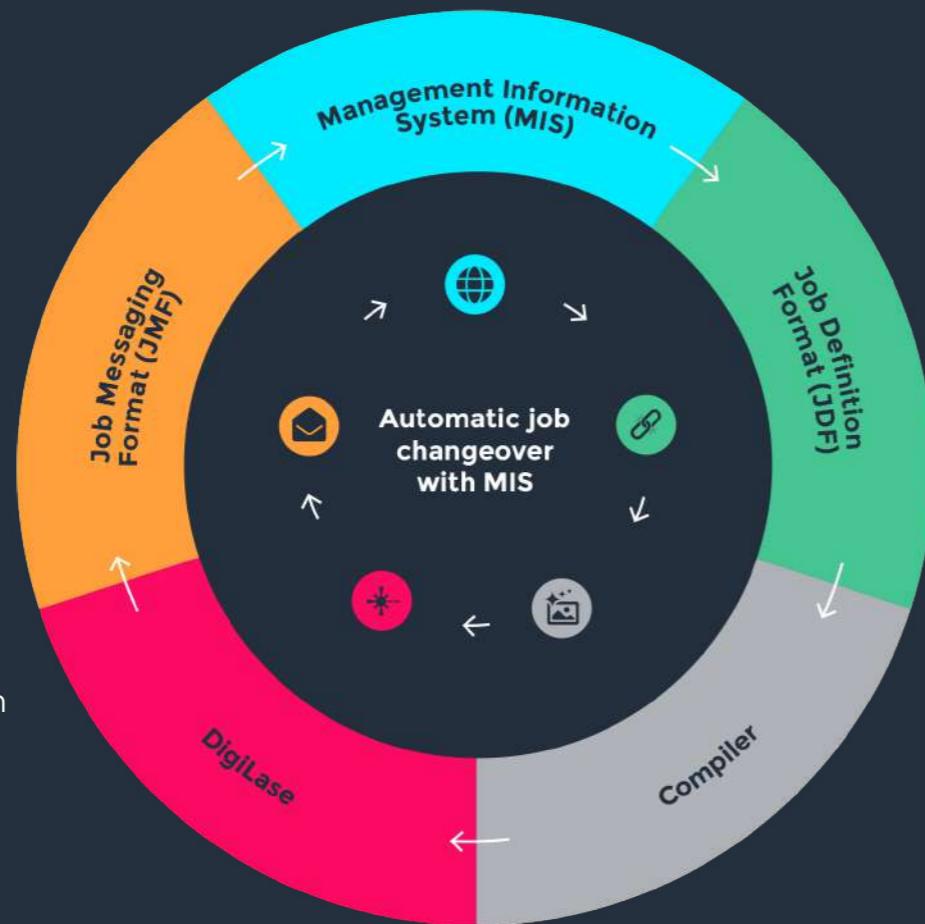
Efficient set up allows files to be received directly from the customer's website



ABG Connect with DigiLase

Combining ABG Connect and our cutting-edge DigiLase can provide you with a highly efficient solution, perfect for web-to-print, short run production. ABG Connect allows you to automatically load new job data into the DigiLase compiler so it is ready for an instant job changeover with zero material waste.

- Minimise Waste
- Reduce Downtime
- Outstrip the competition



“

This is an automated revolution.

Dr. Adrian Steele
Managing Director
Mercian Labels UK

”

Want to find out more?

Head to our website to learn more about our digital finishing solutions and automated workflow connectivity.



Enjoy the security of ABG



70+ years of print finishing
expertise



Modular approach which
means each build can be
bespoke to you



Designed, manufactured,
and serviced by ABG



Retrofittable options –
allowing you to future
proof your business



Built with connectivity,
automation, and ease of use

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