

manufactured by **abg**
International

SPECIAL
RESERVE

digicon

Digital Finishing Machines



Digicon Series 3 | Digicon Lite 3 | Digilase | Digicon 3000

Over 60 years of heritage and innovation create the **perfect finish**

Your customers depend on you to deliver the very highest quality, in full and on time. Nothing else will do. Your reputation depends on it and our equipment will not let you down.

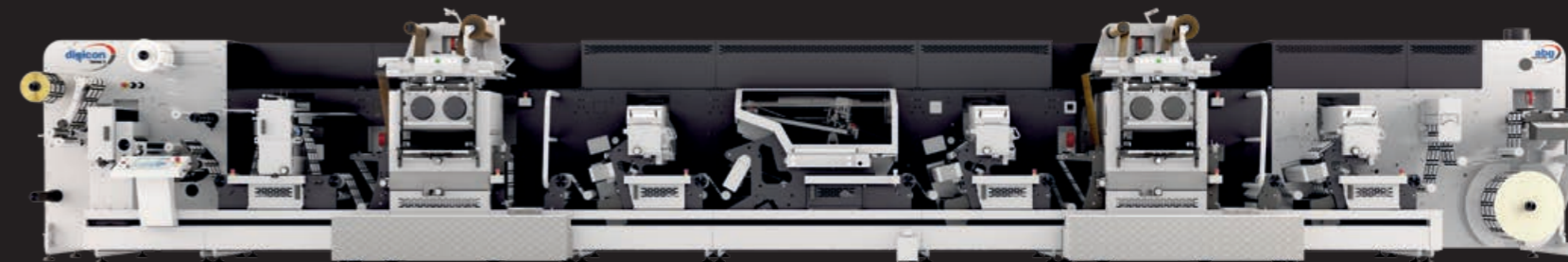
How can we be sure? That's easy. Our equipment is unrivalled because it has been tried and tested over 60 years.

We have been manufacturing innovative print finishing equipment for over 60 years, and our technology has been perfected with our customers' feedback.

It is only by having equipment out there, across the world, working hard for our customers day in day out, that we can understand how to make it better. It is an evolutionary process that takes place over many years, and there are no shortcuts.

The fact that we have been designing and developing finishing equipment for so long, and that we have installed 11,000 machines worldwide for 2,500 customers, speaks for itself.

Our foundations are solid, our technology is proven and our customers return for more. All of this means that you can invest with confidence. It helps too that we are a friendly, family run but global business that cares about its customers and is determined to help them succeed.



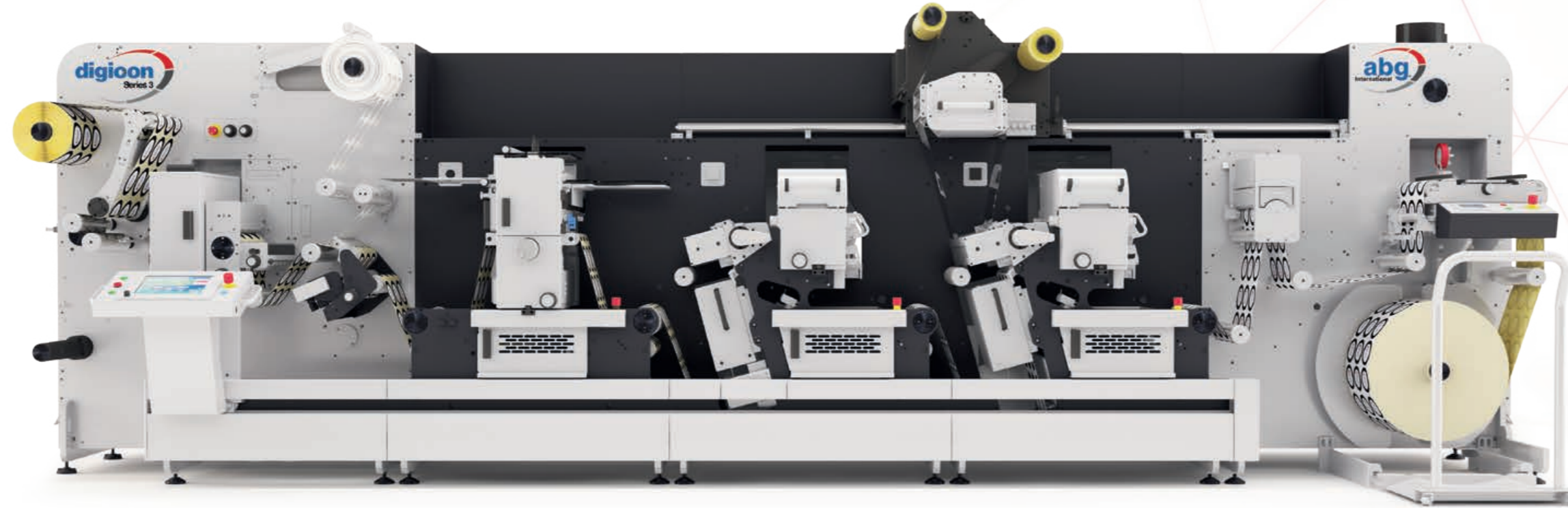
A new world of finishing



Add value to your digital printing

Digicon Series 3 systems are modular in design, so that they can be tailored to meet individual needs and create a clear, competitive advantage for any print business.

Over 1000 digital machines installed worldwide



Features & Benefits

- **Accurate** - built with precision to ensure consistent results
- **Flexible** - with modules and options to give you a competitive edge
- **Easy-to-use** - with intuitive controls and low-cost maintenance
- **Time saving** - with a wide range of automated functions
- **Fast** - able to keep pace, inline, with the latest digital print engines
- **Roll-to-roll, or roll-to-sheet** - for any digital printing application

Technical Specification

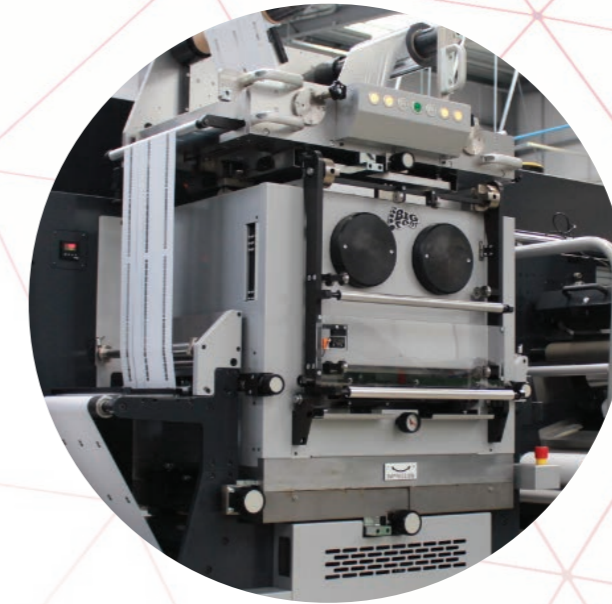
| | |
|-------------------------------------|---|
| Maximum web width | 350mm (13.8") |
| Maximum speed | Full rotary - 150m/min (492ft/min) Semi rotary - 64m/min (210ft/min) |
| Maximum unwind roll diameter | 800mm (31.5") |
| Standard unwind mandrel | 76mm (3") |
| Flexographic unit type | Full rotary/Flood coating/Semi rotary |
| Maximum printing width | 330mm (13") |
| Minimum/maximum plate cylinder | 254mm (10")/647.7mm (25.5") |
| Ink drying | GEW E2C UV drying or hot air |
| Die cutting unit type | Semi rotary |
| Maximum die cut repeat | 622.3mm (24.5") |
| Minimum/maximum tool repeat | 304.8mm (12")/647.7mm (25.5") |
| Maximum matrix rewind roll diameter | 800mm (31.5") |
| Maximum rewind roll diameter | 600mm (23.6") optional 800mm (31.5") |
| Standard rewind mandrel | 76mm (3") |



Beverage specification

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

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



Other modules to give you a competitive advantage

Peel and reveal labels -

allow you to increase the amount of information the label can display; it's also popular for novelty labels. By selecting our crossover unit alongside delam/relam and turnbar modules it allows you full flexibility for multi-ply labels.

Lamination in register -

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

Rail mounting system -

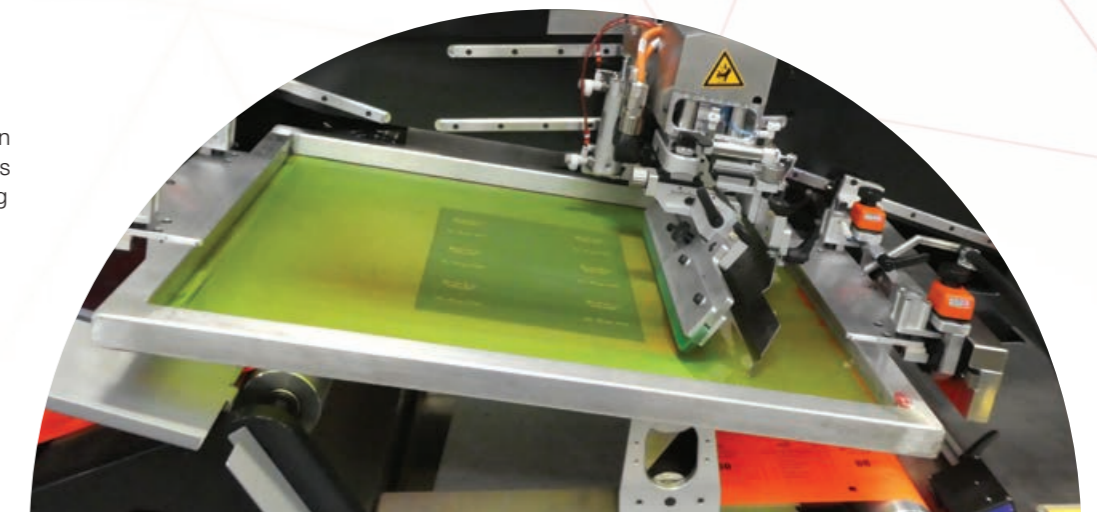
our rail mounting system gives greater flexibility for mounting turnbar and lamination options, giving you more label finishes to offer your customers.

Big Foot 50 tonne capacity hot foil/embossing module

Using 50 tonnes of pressure you can guarantee your customers' labels will jump off the shelves. Giving excellent hot foil coverage, the Big Foot allows foil to be stamped across and along the web, so you can create high quality unique labels and, cost effectively by using foil save! It literally raises embossing to new levels.

Screen module

With our screen module running at twice the speed of its predecessor, your customers can now have superior quality screen varnish on their labels, whilst you increase your margins. It also has a repeat length that makes it compatible with the Big Foot allowing the two modules to run together to produce the finest of labels.





Increase your productivity

Time saving options

Need to speed up production in your finishing department?

The FAST Track die (UK Patent Number GB2539385/PCT application PCT/GB2016/000102) is a semi-rotary die that runs up to 150 metres per minute.

To automate further, add on the SGTR AutoSet glueless turret rewinder which, if chosen as an option, has quick change mandrels allowing for different sized cores without compromising production speeds. Perfectly seal your labels with the print and apply applicator or, when combined with a camera, identify less than perfect rolls.



Other automated features



Inline/offline operation

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



Automatic die plate mounting/removal system

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



Iscore automatic back scorer

Automatically set your backscorer, minimising production down time.



Autoslit with label gap sensor

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

Service & Support

Our business's success depends upon the capability and reliability of our machines and we understand that your business's reputation does too. It is why we put so much effort into getting things right, first time, every time.

It's essential of course that each machine and every component is fit for purpose and reliable, having been tried, tested and refined. This enables our customers to trust our equipment and go on, in large numbers, to invest in more.

However, parts can wear out over time and all equipment must be regularly serviced to ensure the best output. And, occasionally, things can go wrong. When the worst happens, it's incredibly important to have a responsive, understanding service partner that can get you back up and running as soon as possible.

We believe that you can tell the quality of any business by the way it deals with problems. Our customers tell us that we are the best. With service teams ready to help across the globe, and an extensive stock of spare parts for almost every piece of equipment we have ever built, we are ready and able to help.

So confident are we in the effectiveness and reliability of our equipment, that we offer a comprehensive one-year parts and labour guarantee. We provide this service through our wholly owned companies in the UK, Germany, USA, France, Holland and Spain. Elsewhere, aftersales support is delivered by our distribution partners.

Images may show options not included on standard machines.

Contact us

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