



Delivering innovative
print finishing solutions
& service

digicon series 3



The next generation of digital finishing

The Digicon Series 3 is the result of 17 years' development and production of over 1,000 digital finishing machines installed worldwide. A comprehensive range of options is available that can really add value to your labels and packaging and enhance your digital print. Many new automation features are now available to reduce set up times and maximise your digital capability.



Specification

Max web width
350mm (13.8")

Max unwind roll diameter
800mm (31.5")

Rewind mandrel diameter
76mm (3") – other sizes available

Max speed full rotary
150 m/min (492 ft/min)

Min web width
200mm (8")

Matrix rewind mandrel diameter
76mm (3")

Rewind roll max diameter (upper)
600mm (23.6")

Max speed semi rotary
64 m/min (210 ft/min)

Unwind mandrel diameter
76mm (3")

Matrix rewind max roll diameter
800mm (31.5")

Rewind roll max diameter (lower)
800mm (31.5")

Max speed semi rotary with FAST Track die
150 m/min (492 ft/min)



a Quick change flexo head



b Cassette slides away from print head



c Slides out towards operator for removal

digicon series 3

Add value to your labels and packaging

Time Saving Options



Big Foot 50 Ton Capacity Hot Foil/Embossing Module

The total solution to your hot foil and heavy duty embossing applications. Featuring 50 tons of pressure, it is high speed and has the facility to run individual foil streams both along and across the main web direction.



FAST Track die
The world's fastest semi rotary die cutting system
running at 150 metres per minute with repeats of 100-558mm. International Patent Application PCT/GB2016/000102.

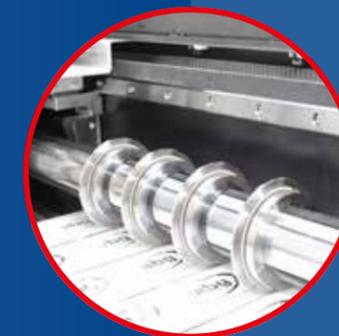


Automatic Die Plate Mounting/Removal System
Flexible dies are mounted accurately and precisely with high resolution cameras.



Crossover Module

Diversify your range and produce multi-layer labels. Combine with the variable capability of digital print to produce unique, novelty and promotional labels.



Autoslit with NEW Label Gap Sensor
Achieve significant time saving when setting knives with the NEW label gap sensor.



Semi-Automatic Turret Rewinder
Speed up the manufacturing process so labels are ready to despatch without stopping the machine.



Lamination in Register Module

Produce full width multi-layer constructions. Allows for a pre-printed web to be laminated to main web in perfect register.



Flat Bed Screen Module

Add value with relief varnish or vibrant screen inks. Series 3 screen printing is now faster and offers the option of two positions for the UV dryer for total flexibility.



Digilase Laser Cutting System
Save money on dies and die storage. Also allows you to respond to your customers quicker in a truly digital way.



Iscore
Set desired web width on HMI for automatic setting of back scoring knives.



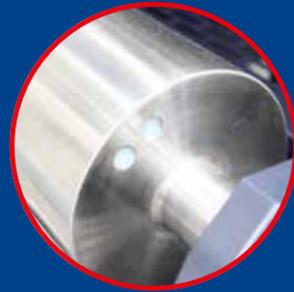
Delamination/Relamination Module

This option is normally used in conjunction with a turnbar for printing on the adhesive (reverse side of the face paper).

Features + Options



Flat bed hot foiling station with foil saver



Dynamically balanced rollers for smooth operation



Contact matrix stripping option for high speed stripping of difficult label shapes



Chill roller option



Sheeter module



Web Turnbar



Hot air dryer option for aqueous varnishes and coatings



Cold foil option



Easy to operate HMI control panel



Rotometrics ACA anvil adjust



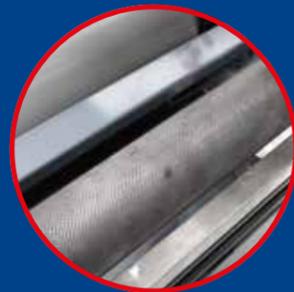
Kocher & Beck Gapmaster anvil adjust



Semi rotary hot foil station with foil saver



Inline/offline operation with buffer option



Low inertia carbon fibre rollers



Full rotary die cut option. Enables the use of rotary dies from 12" (305mm) to 25 1/2" (648mm).



Optional rail mounting system to allow flexibility of machine configuration



Web advance option for fast changeover of rolls



Scissor, Razor and Crush slitting modules with 5 holders



For contact details of all
distributors visit www.abgint.com

A B Graphic International Ltd
Lancaster Road
Carnaby Industrial Estate
Bridlington
YO15 3QY
England

Tel: + 44 1262 671138
Fax: + 44 1262 606359
Email: info@abgint.com
Website: www.abgint.com