



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.



**a** Quick change  
flexo head



**b** Cassette slides  
away from  
print head



**c** Slides out  
towards operator  
for removal

### Specification

**Max web width**  
350mm (13.8")

**Min web width**  
200mm (8")

**Unwind mandrel diameter**  
76mm (3")

**Max unwind roll diameter**  
800mm (31.5")

**Matrix rewind mandrel diameter**  
76mm (3")

**Matrix rewind max roll diameter**  
800mm (31.5")

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

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

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

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

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

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

# 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.

## 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.

## 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.

## Delamination/Relamination Module

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

**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.

**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.

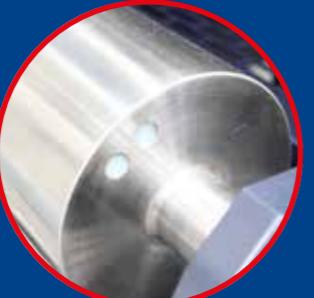
**Digilase Laser Cutting System**  
Save money on dies and die storage. Also allows you to respond to your customers quicker in a truly digital way.

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

# 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



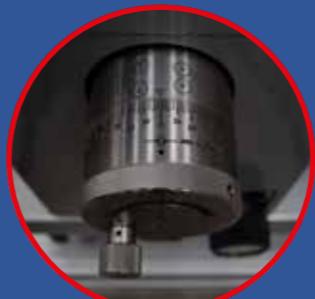
Hot air dryer option for aqueous varnishes and coatings



Cold foil option



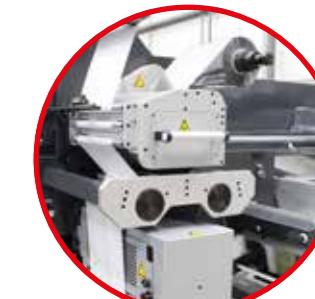
Easy to operate HMI control panel



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 25½" (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



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