



Creative Imaging
Technology



Uncover a unique opportunity

PRINTBAR **UNCOVERED**

- Printbar Uncovered enables leading OEMs, of specialist labels and packaging systems, to respond to the growing need for digital embellishment. A fantastic opportunity for OEMs to integrate cutting edge inkjet technology into their existing portfolio. Re-enforcing brand values for the digital revolution but without the development overheads.

- Specify your own unique 'printbar' product

- Break into new markets

- Expand your digital portfolio

FFEI

Established in 1947, we have an impressive reputation for developing innovative and award-winning digital inkjet and imaging technology

ADDED VALUE DELIVERED COST EFFECTIVELY

**GIVE YOUR CUSTOMERS A
COMPETITIVE ADVANTAGE
WITH A UNIQUE DIGITAL
EMBELLISHMENT SOLUTION**

Embellishments provide the added value that bring labels to life. With a Printbar Uncovered solution you deliver a digital embellishment capability to label converters that boosts their profit margins and provides a competitive edge when pitching to brand owners.

FLEXIBLE READY-TO-MARKET TECHNOLOGY

**CREATE A UNIQUE SOLUTION
THAT RESPONDS TO THE NEEDS
OF YOUR TARGET MARKET**

Printbar Uncovered is totally flexible. You get to specify exactly what you need. A unique solution to best serve your target market that embodies your brand values - look and feel, quality, serviceability and support.

Specify your own unique printbar product

EXTENSIVE EMBELLISHMENT CAPABILITY

Screen replacement
Cold foil
Spot varnish
Haptic effects
High-build print
Variable data

HIGHLY CONFIGURABLE

Print width
Print speed
Resolution
Fluids

QUICK TIME TO MARKET

Take advantage of proven ready-to-market inkjet technology without the development overheads

PRESS INTEGRATION FREEDOM

Integrate seamlessly onto new configurations or retrofit onto existing installs at any point on the press

COVERLESS

Customise to embody your brand values

PROFESSIONAL SERVICES

The right training to support your go-to-market strategy

WORKFLOW

Operate with our ready-to-use workflow solution, designed for the production of labels & packaging, or integrate with your own

EMBRACE HYBRID LABEL PRODUCTION

A unique opportunity to perfectly align the operation of traditional and inkjet print processes



Break into new markets

Enable mass customisation with foiling

Creativity and innovation in label design can mean the difference between success or failure for a brand marketing campaign.

Digital foiling is a cost-effective way to enhance shelf appeal – combined with variable data it truly delivers the wow factor!



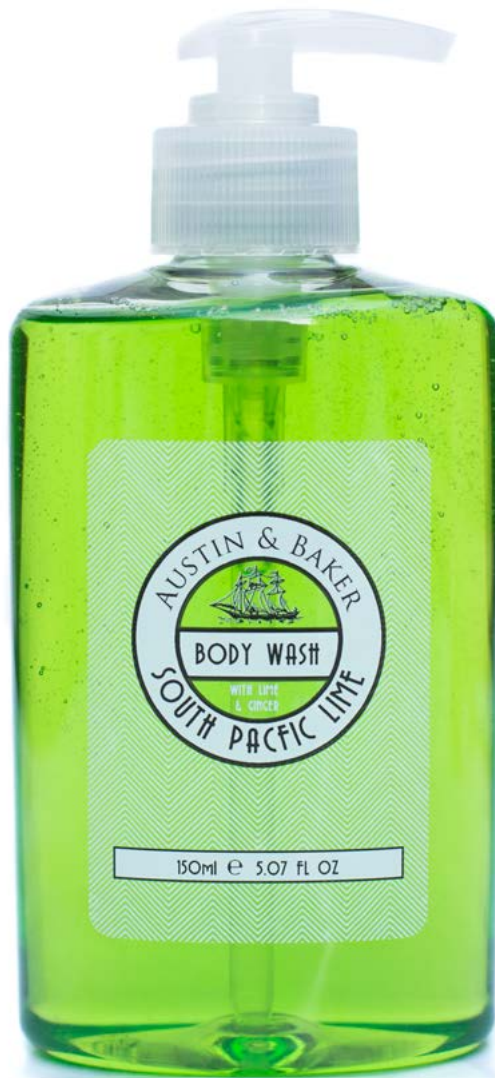
Boost margins and productivity with digital haptic effects

A wide array of tactile effects and textures can be applied to labels to boost your ROI and productivity. Emulation of bespoke or specialised media can reduce costs, whilst tactile effects can be produced more efficiently.



High opacity rotary screen white replacement

Silk screens are costly and time consuming to set up. With Printbar Uncovered you can deliver a rotary silk screen alternative to clients that delivers the same quality and opacity, faster with reduced wastage.



THE ADVANTAGES FOR LABEL CONVERTERS

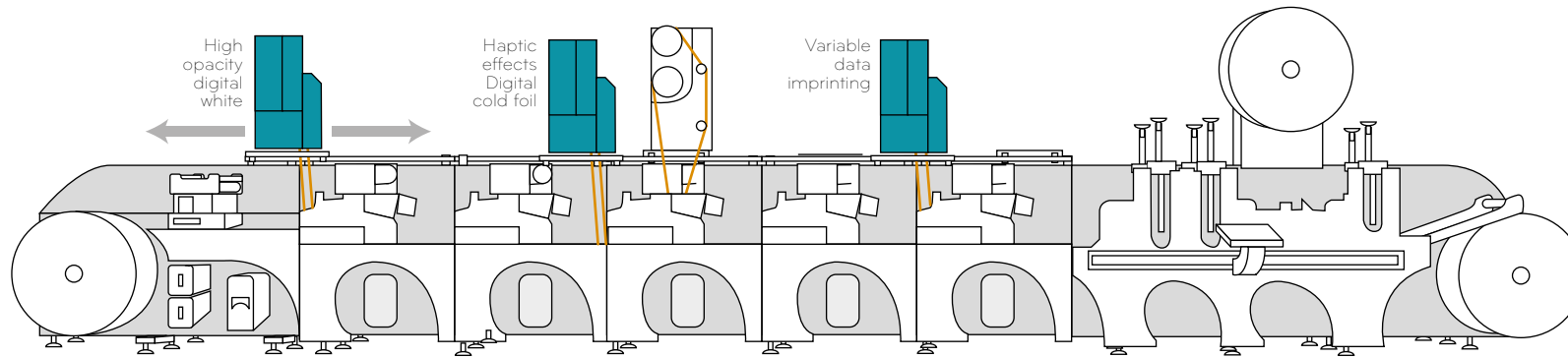
Increased profit margins on short run jobs

- Lower overall cost of production
- Lower setup costs
- Increased production rates
- Faster make ready
- Equivalent operating speeds to rotary screen

Increased shelf-appeal with digital embellishments

- High opacity white – no screen costs
- Digital foiling – no plates
- Spot varnish – no plates
- Textures – specialist substrate replacement
- Tactile effects – high build
- Mass customisation – versioning and variable data

Expand your portfolio



PRESS INTEGRATION FREEDOM

- Integrate seamlessly onto new installations
- Retrofit onto existing installations
- Position your printbar anywhere along your web system to best suit customer requirements

KEY FEATURES	FUNCTION
Speed	Up to 75m m/min (246 f/min)
Print width	Up to 560mm (22")
DPI/Print quality	360 dpi up to 720 dpi, 8 grey levels
Ink/colour	Single or double hit of one fluid
Print heads	Xaar
Approved fluids	UV curable CMYK, white, black, adhesives, varnish, spot colours & low migration
Substrates	
Type	Optimised for coated/uncoated paper, supported/unsupported film (PP, PE, PET) and foil
Minimum thickness	40µm
Maximum thickness	400µm
Ink supply system	Recirculating system
HMI/DFE	TIFF catcher DFE workflow and jobs database. Suitable for integration to wide variety of digital workflow systems including Esko Automation engine and Graphium Label Workflow
Dynamic sync technology	Provides synchronisation to analogue with dynamic adjustment of digital image size to ensure fit to analogue repeat length



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