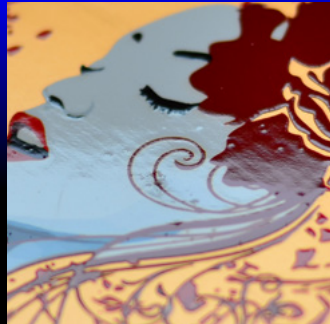# AXZYRA

*Experience **Axzyra®***
Print done differently.

2021

PRODUCT
BROCHURE

Axzyra®
takes your
print business
*into new markets*
you never thought
possible

Our full line-up of Apache® flatbed printers
are using the latest inkjet and curing technology.

Our experts provide full training, guidance and
support. Amazing versatility, with incredible spot
varnish, flourescent inks, and embossing effects.

Intelligent RIP software, handling complex effects or
simple job manipulation. Real time printing info, such
as ink usage, print speed and timing.

Suitable for a wide range of applications, printing
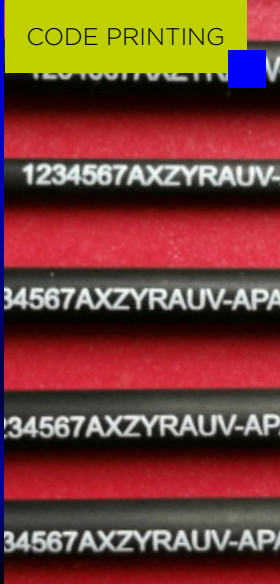onto a vast array of materials and surfaces.
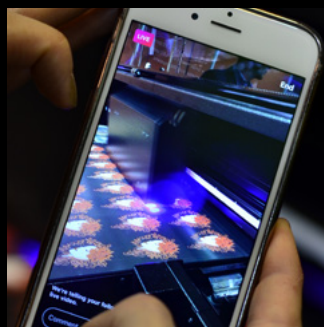
Apache®
UV FLATBED PRINTER

A AXZYRA

*Experience **Axzyra®**
Print done differently.*

OUR MODELS:

APACHE® TH6045*Geni*

Ink Drop & Print Head configuration:
2 x Ricoh TH5241

Curing: 2 x Air cooled UV LEDs:
2 x full UV LED (40mm length)

Max. Print Area mm:
650mm x 450mm

APACHE® GH4545*Evo*

Ink Drop & Print Head configuration:
3 x Ricoh GH2220

Curing: 1 x Air Cooled UV LED:
(40mm length)

Max. Print Area mm:
450mm x 450mm

APACHE® TH6090*Geni*

Ink Drop & Print Head configuration:
2 x Ricoh TH5241

Curing: 2 x Air Cooled UV LEDs:
2 x full UV LED (70mm length)
n/c option varnish lamp

Max. Print Area mm:
600mm x 900mm

OUR TARGET MARKETS
LET YOUR CREATIVITY RUN WILD:

- Packaging
- Prototyping
- Promotional gifts
- Signs & point of sale
- Industrial & security printing/marking
- Personalisation of luxury goods
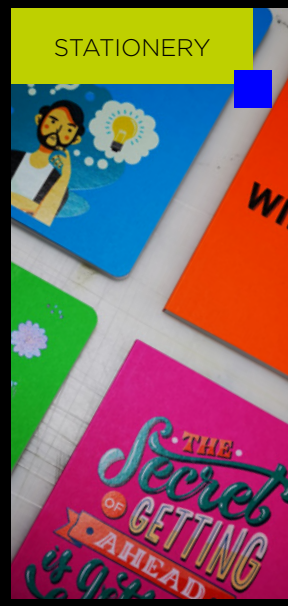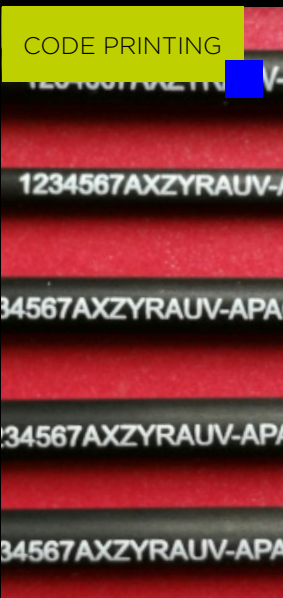
- Specialist inks & flush
- Print heads & Dampers
- Capping & maintenance stations
- Pipes & control boards

ORDER YOUR HARDWARE & CONSUMABLES FROM *AXZYRA.CO.UK*

ASK US ABOUT OUR ROUTINE INKJET, PRINT HEAD RECOVERY & MAINTENANCE SERVICES

- Print head flushing stations supply
- Training & consultancy for recovery
- Flushing & recovery services
- Spares & fluids always in stock

GIFT PRINTING

- Special & textured effects
- Embossed
- Braille print

ADDITIVE MANUFACTURING

- Small prototype components
- Badges
- Concepts & Mock-ups

SAMPLE MARKETS

- Mobile accessories
- Signage
- Bespoke packaging
- Wearable technology
- Stationery
- Bags
- Clothing & leathers
- Engineering applications

PRINTABLE SUBSTRATES

Wood, Slate, Glass, Acrylics, Metals, Plastics & much more
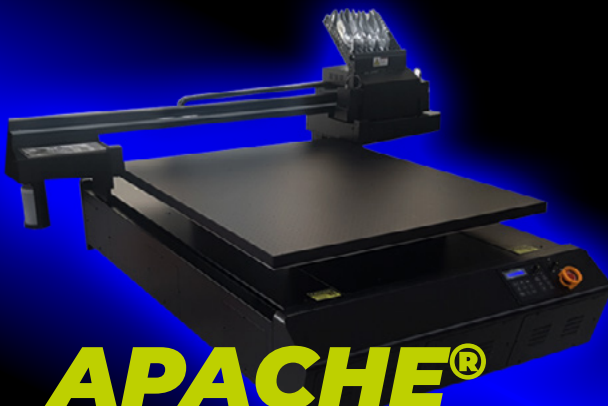
APACHE® TH1012 *Geni*

Ink Drop & Print Head configuration: 2 x Ricoh TH5241

Curing: 2 x Air Cooled UV LEDs: 2 x full UV LED (70mm length) n/c option varnish lamp

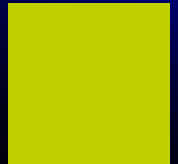**Max. Print Area mm:** 1000mm x 1200mm

APACHE® "FLUX" UV *Geni*

Ink Drop & Print Head configuration: 2 x Ricoh TH5241

Curing: 2 x Air cooled UV LEDs: 2 x full UV LED (40mm length)

Max. Print Area mm: 600mm x Unlimited

Axzyra®
Experience printing innovation

Latest RICOH TH5241 – 4 channel MEMs print heads

Staggered head array Colour / White – **64% faster** than the original 6090Evo.

Simplicity of head install design, with just 2 heads. Clean & easy to maintain.

Heated head array for quick startup and consistent jetting all year round.

Overhead ink delivery from pouches, mess-free ink agitation whilst printing.

Short ink pipes for ease of maintenance (no chafing through energy chains.)

Logical engineering practices with ease of maintenance in mind.

NEW

HEAD CAPPING

NEW

PRINT HEADS

SPECIFICATIONS 2021	*GH4545*Evo	*TH6045*Geni	*TH6090*Geni	*TH1012*Geni	*"FLUX"* UV Geni
Print Head Technology	3 x Ricoh GH2220	2 x Ricoh TH5241	2 x Ricoh TH5241	2 x Ricoh TH5241	2 x Ricoh TH5241
Ink Drop & Print Head configuration	3.5, 7 & 11 (pl)	2.5, 5, 7.5 (pl) (Total 8 channels Colour & White - single row)	2.5, 5, 7.5 (pl) (Total 8 channels Colour & White / varnish stagger head config')	2.5, 5, 7.5 (pl) (Total 8 channels Colour & White / varnish stagger head config')	2.5, 5, 7.5 (pl) (Total 8 channels Colour & White single row)
Curing	1 x Air Cooled UV LED: (40mm length)	2 x Air cooled UV LED: Two full UV LED (40mm length)	2 x Air Cooled UV LED: Two full UV LED (70mm length) n/c option varnish lamp	2 x Air Cooled UV LED: Two full UV LED (70mm length) n/c option varnish lamp	2 x Air cooled UV LED: Two full UV LED (40mm length)
Max. Print Area mm	450mm x 450mm	650mm x 450mm	600mm x 900mm	1000mm x 1200mm	600mm x Unlimited
Max. Substrate Height (mm)	120mm head clearance	150mm head clearance	150mm head clearance	150mm head clearance	150mm head clearance
Bed Type	Teflon Coated Vacuum table **(1 zone)**	Teflon Coated Vacuum table **(1 zone)**	Teflon Coated Vacuum table **(2 zone)**	Teflon Coated Vacuum table **(2 zone)**	Indexed steel conveyor – swappable print fixtures
Inks	**200ml Foil pouch** UV ink types. Soft, hard and Hybrid.	**200ml Foil pouch** UV ink types. Soft, hard and Hybrid.	**200ml Foil pouch** UV ink types. Soft, hard and Hybrid.	**200ml Foil pouch** UV ink types. Soft, hard and Hybrid.	**200ml Foil pouch** UV ink types. Soft, hard and Hybrid.
Resolution	8 Pass, Bi-direction, 720 x 1200 dpi	8 Pass, Bi-direction, 720 x 1200 dpi	8 Pass, Bi-direction, 720 x 1200 dpi	8 Pass, Bi-direction, 720 x 1200 dpi	8 Pass, Uni-direction, 720 x 1200 dpi
Speed	**2.5 Sq/m hr**	**3m Sq/m hr**	**5.1m/hr**	**5.1m/hr**	**example Golfball: 900pcs/h**
Optional fixtures	**Rotary 80mm** dia' max.	**Rotary 120mm** dia' max.	**1600 x 1410 x 1350mm** inc. Latent UV varnishing lamp (W x L x H)	**1700 x 1800 x 1350 mm** inc. Latent UV varnishing lamp (W x L x H)	**1700 x 1800 x 1350 mm** inc. Latent UV varnishing lamp (W x L x H)
Dimensions	**1110 x 730 x 650mm** (desktop) (X x Y x Z)	**1260 x 730 x 1300mm** (Inc. stand) (X x Y x Z)	**1600 x 1410 x 1350mm** (Inc. stand) (X x Y x Z)	**1700 x 1800 x 1350 mm** (Inc. stand) (X x Y x Z)	**1700 x 1800 x 1350 mm** (Inc. stand) (X x Y x Z)
Unit weight	60kg	90kg	160kg	230kg	110kg

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