

BOOK A PRIVATE DEMONSTRATION AT OUR OFFICES

See what our **Apache**® print technology can do for your business.

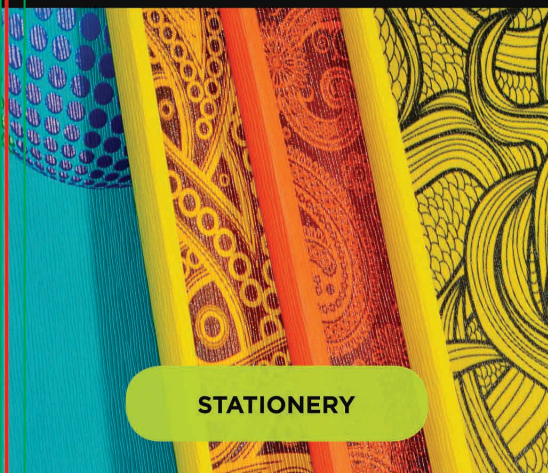
Please subscribe to our newsletter via our website to keep informed about our new print technology, project and exhibition news.

TALK TO US

Enquire about our special projects & customisation for use in industrial applications.

OUR TARGET MARKETS: LET YOUR CREATIVITY RUN WILD:

- Packaging
- Prototyping
- Promotional gifts
- Signs & point of sale
- Industrial & security printing/marketing
- Personalisation of luxury goods



STATIONERY



GIFTS



LUXURY ITEMS



Apache®
UV FLATBED PRINTER

Experience APACHE
Print done differently.

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Apache®
UV FLATBED PRINTER



APACHE
takes your
print business
into new markets
you never thought
possible.

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

Our experts provide full training, guidance and support. Amazing versatility, with incredible spot varnish, fluorescent 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.

Experience APACHE. Print done differently.

APACHE

CUSTOMIZED INDUSTRIAL PRINTER DEVELOPING

- Various types of print heads available
- Optimized system according to customer applications
- Supporting different types of jigs for mass production

GIFT PRINTING

- Special & textured effects
- Embossed
- Braille print

ADDITIVE MANUFACTURING

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

SAMPLE MARKETS

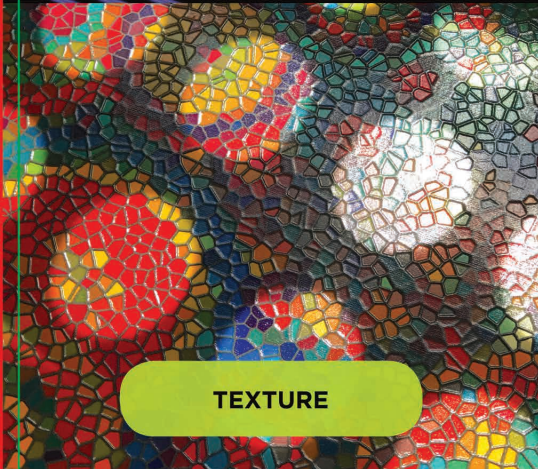
- Mobile accessories
- Signage
- Bespoke packaging
- Wearable technology
- Stationery
- Bags
- Clothing & leathers
- Engineering applications

HARDWARE & CONSUMABLES

- Specialist inks & flush
- Print heads & Dampers
- Capping & maintenance stations
- Pipes & control boards

PRINTABLE SUBSTRATES

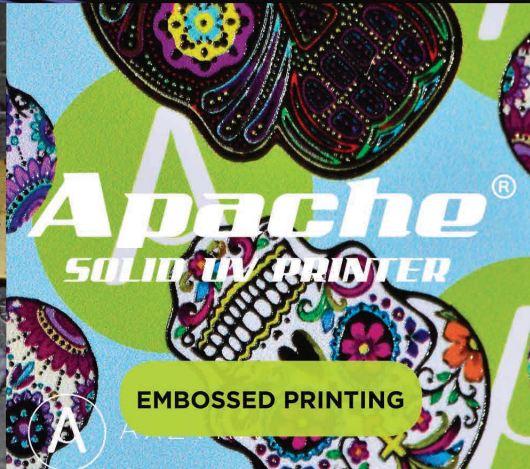
Wood, Slate, Glass, Acrylics, Metals, Plastics & more



TEXTURE



SPECIAL EFFECTS



EMBOSSSED PRINTING



INCREASE YOUR PRINT SPEEDS

Increase your print speeds with our Apache EvoS ranges due to our staggered printhead configuration

TEXTILE PRINTER



| Specifications | GH4545Evo | GH6045Evo | GH6090Evo | GH1012EvoS | GH2412EvoS | GH4545TX |
|---|---|---|---|---|---|--|
| Print Head Technology Ink Configurations | 3 x Ricoh GH2220 2 Channel Print head (CMYK + WW) | 4 x Ricoh GH2220 2 Channel Print head (CMYK + CMYK CMYK + WW + VV) | 6 x Ricoh GH2220 2 Channel Print head (CMYK + CMYK + WWWV CMYK + CMYK + WWVV) | 12 x Ricoh GH2220 2 Channel Print head (CC MM YY KK + WW VV CC MM YY KK + WW VV stagger head configuration) | 12 x Ricoh GH2220 2 Channel Print head (CC MM YY KK + WW VV CC MM YY KK + WW VV stagger head configuration) | 5x Ricoh GH2220 2Channel Print head (CM YK + Pt Pre-treatment head behind CMYK) |
| Resolution/Speed for Max. Print Area | @720 x 1200dpi = 8 Pass Colour + White = 14 min 52 sec 4 Pass Colour = 3 min 18 sec | @720 x 1200dpi = 8 Pass Colour + White = 17 min 56 sec 4 Pass Colour = 4 min 15 sec | @720 x 1200dpi = 8 Pass Colour + White = 28 min 10 sec 4 Pass Colour = 4 min 20 sec | @720 x 1200dpi = 8 Pass Colour + White = 17 min (4.5sqm)** 8 Pass Colour = 8 min 52 sec(8.5sqm)* | @720 x 1200dpi = 8 Pass Colour + White = 30 min 15 sec (5.85sqm)** 8 Pass Colour = 15 min 47 sec(11.6sqm)* | @720 x 1200dpi = 8 Pass White+Colour = 5 min 30sec** To print one T-Shirt (400x280mm size) |
| Max. Print Area mm/inch | 450 x 450 (18 x 18) | 600 x 450 (24 x 18) | 600 x 900 (24 x 36) | 1000 x 1200 (40 x 48) | 2400 x 1200 (96 x 48) | 400 x 420mm/1 jig |
| Max. Substrate Size (mm/inch) | 450 x 450+ (18 x 18) | 620 x 450+ (24 x 18) | 620 x 900+ (24 1/2 x 36) | 1020 x 1250+ (40 1/2 x 48) | 2410 x 1250+ (96 6/16 x 48) | 450 x 450+ |
| Max. Substrate Weight (kg) | 10kg | 15kg | 20kg | 20kg | 20kg | 10kg |
| Max. Substrate (mm) | 120mm | 150mm | 150mm | 150mm | 7 0mm | 50mm on T-shirt jig |
| Substrate/ Material Type | Plastics, PC, PET, Acrylic, Glass, Metals, Wood, Stone, Foamex + | Plastics, PC, PET, Acrylic, Glass, Metals, Wood, Stone, Foamex + | Plastics, PC, PET, Acrylic, Glass, Metals, Wood, Stone, Foamex + | Plastics, PC, PET, Acrylic, Glass, Metals, Wood, Stone, Foamex + | Plastics, PC, PET, Acrylic, Glass, Metals, Wood, Stone, Foamex + | Cotton, Cotton bleed, Leather, PU, Polyester |
| Interface | USB 2.0 | USB 2.0 | USB 2.0 | USB 3.0 | USB 3.0 | USB 2.0 |
| Operating System Requirements | Windows 10, 8.1, 7, XP (64 bit recommended) | Windows 10, 8.1, 7, XP (64 bit recommended) | Windows 10, 8.1, 7, XP (64 bit recommended) | Windows 10, 8.1, 7, XP (64 bit recommended) | Windows 10, 8.1, 7, XP (64 bit recommended) | Windows 10, 8.1, 7, XP (64 bit recommended) |
| Power Source | AC 110-240V, 3A, Single Phase | AC 110-240V, 3A, Single Phase | AC 110-240V, 5A, Single Phase | AC 110-240V, 5A, Single Phase | AC 240V, 5A, Single Phase | AC 110-240V, 5A, Single Phase |
| Dimensions/Weight | 1110 x 730 x 650mm (W x L x H)/60kg | 1260 x 730 x 1350mm (W x L x H)/90kg | 1600 x 1410 x 1350mm (W x L x H)/160kg | 1700 x 1800 x 1350mm (W x L x H)/200kg | 3940 x 1830 x 1350mm (W x L x H)/750kg | 1110 x 730 x 650mm (W x L x H)/70kg |
| Bed Type | Teflon coated vacuum table | Teflon coated vacuum table | Teflon coated vacuum table (2-zones) | Teflon coated vacuum table (2-zones) | Honeycomb vacuum table (2-zones) | Selectable table |
| Curing | 1x Air Cooled UV LED (40mm length) | 2x Air Cooled UV LED: 2x full UV LED (40mm length) or 1x full and 1x small UVLED for spot gloss effect (30mm length) | 2x Air Cooled UV LED: 2x full UV LED (40mm length) or 1x full and 1x small UVLED for spot gloss effect (30mm length) | 2 x Air Cooled LED 2x Air Cooled UV LED: 2x full UV LED (70mm length) | 2 x Air Cooled LED 2x Air Cooled UV LED: 2x full UV LED (70mm length) | Heat-press or tunnel (not included) |
| Optional Fixtures | Rotary 80mm Diameter Max. | Rotary 120mm Diameter max. | - | - | - | T-shirt printing jig for 1 T-shirts |
| Inks | 200ml Foil Pouch (CMYK + WV) | 200ml Foil Pouch (CMYK + WV) | 200ml Foil Pouch (CMYK + WV) | 200ml Foil Pouch (CMYK + WV) | 400ml Foil Pouch (CMYK + WV) | 200ml Foil Pouch (CMYK +Pt) |

*Open architecture to allow oversized substrates *Speed dependent on computer performance & graphic complexity.
**Speeds should be quicker due to staggered head configuration.
We reserve the right to make changes to technical specifications without prior notice.

Apache® GH4545Evo

Apache® GH6045Evo

Apache® GH6090Evo & GH6090EvoS

Apache® GH1012EvoS

Apache® GH4545TX