Looking to add UV to your business?

Looking to upgrade your current UV equipment?

Looking to take your business to the next level?

Thinking UV,
Think Signmaster

We have got you covered with this complete guide to all things UV

Ask us for

More information	Samples	Book a demonstration	To discuss ROI

A bit about UV

Unlike other inks on the market UV ink is a 'surface' ink and instantly cures onto the surface of the substrate. As it isn't absorbed into the substrate the UV ink generally has a matte finish, a slight texture, is more scratch resistant and provides denser and stronger colours. Perfect when printing white!

Most UV printers these days also have the ability to print using a gloss/varnish which can be used as a spot or flood, making them a versatile choice for your print room. As UV ink is not absorbed and is denser, UV printing often uses less ink than alternative ink types.

Most UV printers available on the market have LED UV curing lamps which output no heat and therefore open up the range of materials that can be printed. No heat combined with surface ink, means that substrates remain much more stable, there is less shrinkage and less movement in the material.

The UV lamps ensure that the prints are cured instantly which allows for immediate finishing and packaging and a much more streamlined workflow for your business.

UV ink enables you to:

- Print solid white
- Print onto more substrates
- Produce more applications
- Save time as it is instantly cured/ dry
- Print fine detail as less bleed on inks
- Reduce the need for lamination as prints are very durable

What can you use UV printing for?

- Printing onto almost anything!

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The Options

What are the different types of UV machines ?

1) Desktop UV flatbeds

These are a smaller format UV machine and perfect for:

- Promotional products
- Customisation/personalisation
- Printing bespoke products
- Prototypes/mock-ups

2) Roll-to-roll UV printers

These come in different widths from 30" to 3.2m, available in print only or print and cut, perfect for:

- Flexible materials (PVC, SAV, Textiles, wallcovering, PET, films)
- Teaming up with a flatbed applicator

3) Hybrid UV & Suction/vacuum Belt

These are a cross between a true flatbed and a roll-2-roll. They enable the printing of both flexible materials and also facilitate the direct printing of some rigid materials.

4) True Flatbed

These can come in various sizes from 760mm wide to 2.5m wide. Generally handling media from 50mm to 200mm thick. They are great for printing direct to rigid materials. Aluminium composite, acrylic, wood, Foamex. Can be used for large run promotional products and customisation.

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Desktop UV Flatbeds

Roland VersaUV

Roland LEF12i   **RRP £12,999**
Printable area : 305mm x 280mm
Max thickness of material : 100mm

Upgrades
• Air Filtration cabinet
• Rotary printing device
• Vacuum bed

Roland LEF200   **RRP £19,499**
Printable area : 508mm x 330mm
Max thickness of material : 100mm

Upgrades
• Air Filtration cabinet
• Rotary printing device
• Vacuum bed

Roland LEF300   **RRP £28,999**
Printable area : 770mm x 330mm
Max thickness of material :

Upgrades
• Foil printing is available for this model
• Air Filtration cabinet
• Rotary printing device

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Desktop UV Flatbeds

Mimaki

Mimaki 3042FX   **RRP £16,995**
Printable area : 300mm x 420mm
Max thickness of material : 50mm

Upgrades
• 600cc inks

Mimaki 3042MKII & EX   RRP from £20,995
Printable area : 300mm x 420mm
Max thickness of material : 153mm

Upgrades
• Ioniser
• Rotary printing device
• Table
• 1Ltr inks
• Foil printing is available for this model

Mimaki UJF642 MKII   **RRP £35,995**
Printable area : 610mm x 420mm
Max thickness of material : 153mm

Upgrades
• Ioniser
• Rotary printing device
• Table
• 1ltr inks
• Foil printing is available for this model

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Roll-to-Roll UV Printers

Roland VersaUV

Roland LEC330   (30" print & cut) RRP £40,999
Max media width : 762mm
Max thickness of material : 1mm

Upgrades
• Air Filtration cabinet
• Rotary printing device
• Vacuum bed

Features
• Cut , Crease, Emboss
• White & gloss ink

Roland LEC540 (54" print & cut)   RRP £49,449
Max media width : 1371mm
Max thickness of material : 1mm

Upgrades
• Air Filtration cabinet
• Rotary printing device
• Vacuum bed

Features
• Cut , Crease, Emboss
• White & gloss ink

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SIGN MASTER SYSTEMS

For everything wide format.

Roll-to-Roll UV Printers

Mimaki UCJV150/300   **from £15,995**
(64" print & cut)
Max media width : 1,620mm
Max thickness of material : 1mm

Upgrades
- Ioniser bar
- Inline lightbox

Features
- ID Cut
- 1ltr inks
- Day/night printing (300 only)
- 5 layer printing (300 only)

Mimaki UJV55-320   **RRP £65,995**
 (3.2m print only)
Printable area : 3,250mm
Max thickness of material : 1mm

Upgrades
- Ioniser
- Soft media feeding kit

Features
- Dual roll handling
- Day/night printing
- Up to 110m2 per hour

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Hybrid UV Printers

Roland **VersaUV**

Roland LEJ640   **RRP £36,999**
(64" print only)
Max media width : 1,625mm
Max thickness of material : 13mm

Upgrades
• Air Filtration unit

Features
• Roll-2roll & rigid
• 1440 dpi
• White and gloss ink

Roland LEC330S Belt   **from £51,999**
 (30" print only)
Max media width : 760mm
Max thickness of material : 200mm

Upgrades
• Extra feed table
• Air Filtration unit

Features
• Includes antistatic kit
• NEW stretch inks
• Excellent hold with suction belt
• 200mm max media thickness
• Roll media feed and take-up modules

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Hybrid UV Printers

Roland **VersaUV**

Roland LEC640S Belt	from £71,499

Roland LEC640S Belt   from £71,499
(64" print only)
Max media width : 1,625mm
Max thickness of material : 200mm

Upgrades
• Extra feed table
• Air Filtration unit

Features
• Includes antistatic kit
• NEW stretch inks
• Excellent hold with suction belt
• 200mm max media thickness
• Roll media feed and take-up modules

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Hybrid UV Printers

Mimaki®

Mimaki UJV-160	**RRP £36,995**
(64" print only)	

Max media width : 1,620mm
Max thickness of material : 10mm

Features
- Roll-2roll & rigid
- White ink

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True-Flatbed UV Printers

Roland **VersaUV**

Roland LEC330S Flatbed (30")
Printable are : 762mm
Bed length : 2m or 3m or 3.8m
Max thickness of material : 200mm

Upgrades
Air Filtration cabinet

From £47,999

Features
- Includes antistatic kit
- NEW stretch inks
- Excellent hold with suction belt
- 200mm max media thickness

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True-Flatbed UV Printers

Roland LEC640S Flatbed   (64")
Printable are : 1,625mm
Bed length : 2m or 3m or 3.8m
Max thickness of material : 200mm

Upgrades
Air Filtration cabinet

Features
- Includes antistatic kit
- NEW stretch inks
- Excellent hold with suction belt
- 200mm max media thickness

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True-Flatbed UV Printers

Mimaki®

Mimaki UJF7151   **RRP £49,995**
Printable are : 710mm x 510mm
Max thickness of material : 153mm

Upgrades
- Ioniser
- 1ltr inks
- Rotary printing device
- Foil printing is available for this model

Mimaki JFX200-2513   **RRP £65,995**
Printable are : 2.5m x 1.3m (8x4ft)
Max thickness of material : 50mm

Upgrades
- Ioniser bar
- Vacuum upgrade kit

Features
- Up to 25m2 per hour

Mimaki JFX500-2131   RRP £115,995
Printable are : 2.1m x 3.1m
Max thickness of material : 50mm

Upgrades
- Ioniser bar
- Vacuum upgrade kit

Features
- Up to 60m2 per hour

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