

Specifications



- Printhead**
On-demand inkjet (Micro Piezo)
1440 nozzles. 3.5Nq-42Nq drop
- Resolution**
Draft Modes: 360 x 360, 720 x 360
Production Modes: 1440 x 720, 720 x 720dpi
- Colour**
8 (Dual CMYK or 4* White/Clear plus CMYK)
(Y, M, C, K, Cl, Cl, W, W), (Y, M, C, K, Cl, Cl, Cl, Cl),
(Y, M, C, K, W, W, W, W), (Cl=Clear, W=White)
- Print Area/Bed Size**
600s - 604mm x 450mm (24" x 17.7")
Min: 37 x 26mm (1.5" x 1")
Max media height: 300mm (11.8")
Bed Size: 650mm x 450mm (25.6" x 17.7")
1200s - 1137mm x 750mm (44.7" x 29.5")
Min: 37 x 26mm (1.5" x 1")
Max media height: 300mm (11.8")
Bed Size: 1150mm x 750mm (45.3" x 29.5w")
- Drive**
Processor driven conveyor with auto height registration

- Inks**
Individual 250ml refillable ink tanks.
Available with iUV LED pigmented UV-curable inks in
500ml and 1000ml bottles
- Ink Delivery**
Bottle - pressurised CYMK
Bottle - pressurised re-circulation - white (WIMS)
with filtration
- Operating System**
Microsoft® Windows® XP or later
RIP - Print Pro
- Electrical**
AC 110-240V, 50-60Hz, 10A,
Consumption - 55W or less, Standby - 5W, Off - 1W
- Physical Dimensions**
600s - 1130(W) x 1200(H) x 1210(L)mm
44.5"(W) x 47"(H) x 47.6"(L)
Weight: 178kg (boxed weight will vary)
1200s - 1305(W) x 1310(H) x 1810(L)mm
51.4"(W) x 51.6"(H) x 71.3"(L)
Weight: 310kg (boxed weight will vary)

Print Speeds*

Draft (360dpi ranges):
@ 35m² (@376ft²)

Production (720dpi ranges):
@ 12m² (@129ft²)

Quality (1440dpi ranges):
@ 6m² (@64ft²)

* Based on dual CMYK. Approximate figures
dependent on graphics etc. and are a guide only.
White and clear can lower production rates.
Additional print modes supported within RIP. Print
trials are recommended prior to purchase.



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BY IMPRESSION
TECHNOLOGY



UV LED Light Caution: You are dealing with an LED UV light source that may harm your health. Do not look directly into the UV light source or expose your hand or any part of your body/skin directly to the UV LED light source. **UV Ink Caution:** LED UV inks contain mild skin irritants in their liquid form. Always wear safety goggles and gloves when handling the liquid LED UV ink. There may be some VOCs emitted from the uncured inks during and after the printing process that could slightly irritate the nose, eyes and throat. If the printer is running in a small confined area, the VOCs could build up and increase the irritation. Compress strongly recommends that the printer be operated in a well-ventilated area to keep the VOCs to a minimum. Print trials must be undertaken prior to production - no warranties, express or implied, are given in connection with the accuracy or completeness of any of the information contained herein. Specifications subject to change without notice. ComPress is a registered trade mark of Impression Technology Pty Ltd, Australia. All copyright reserved.

UV-600s/1200s
→ heart pounding UV production
DUAL LAMP • UV LED • >300²fph • ECO INKS



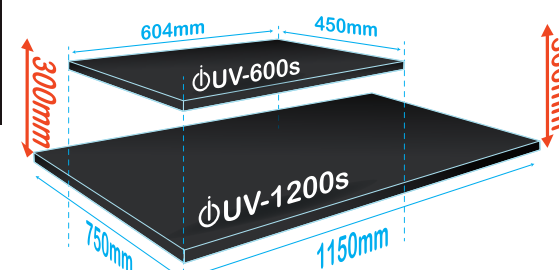
UV-600s/1200s

UV-600s/1200s → heart pounding UV production

DUAL LAMP • UV LED • >300²fph • ECO INKS

Compress UV LED printing technology is an entirely new small footprint range of flatbed UV printers that brings cost-effective, on-demand color printing to the production floor for a multitude of substrates. The Compress iUV-series gives you the freedom to print exactly what you want, when you want and virtually to whatever you want. Fast color digital printing is possible for glass, metal, plastics, board stocks, acrylic and more.

Even flexible medias like textiles and leather deliver the widest flexibility in commercial printing options. The Compress iUV flexibility means reduced waste, less inventory, accelerated workflow, full color process printing to a multitude of substrates with variable data imprinting – **attract new business and customers or solve current production issues.**



Media height/print size comparison for iUV600/1200s



iUV-600s - Print area A2+
iUV-1200s - Print area A0-



Dual water cooled LED lamps. 395nm low heat



Bulk ink system with WIMS[®] ink circulation and filtration



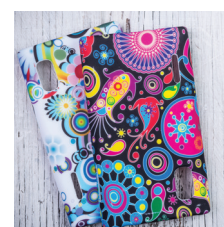
- 1 Six independent color channels
- 2 Optional unwinder for roll media
- 3 WIMS white ink management onboard
- 4 All steel construction
- 5 Dual LED variable watt, water cooled low heat lamps
- 6 Inbuilt media height detection
- 7 Ink mist extraction

The Compress iUV industrial print head features 1440 nozzles capable of delivering a minimum picolitre drop of just 3.5Ng for ultra fine dot placement. When configured with up to 6 colors of CMYK – White and Clear, our 1150mm wide print width delivers 1400 dpi native print resolutions at incredible speed with remarkable color brilliance. Max print area of the iUV-600s is 604mm x 450mm (A2+) with an adjustable media height to 300mm (the largest media height of any printer in its class).

Max print area of the iUV-1200s is 1150mm x 750mm (A0-) with an adjustable media height to 300mm (again the largest media height of any printer in its class). Speeds up to 300 feet per hour in production mode and 50 feet per hour in quality mode. Each ink color is delivered via a 250ml pressurized ink tank for constant ink feed to the damper. All white inks are pressurized and recirculated with filtering by our patent pending WIMS (white ink management system) for less downtime and ink issues in general... low maintenance. PRODUCTION READY.



PRINT A BROADER RANGE OF SUBSTRATES



FINISHED PRODUCT • PROTOTYPE & PRODUCTION • LABELS & DECALS • PACKAGING & PROOFS • SIGNS & DISPLAYS

Compress - do even more...

One Pass white ink flood and overprint

Print colorful, bright images on transparent and colored substrates with white ink as a flood coating or overprint without slowing print speed.

IQ Interweave onboard

Eliminate banding – a unique interweave allows less banding at lower resolutions. A new science in interweave printing.

Roll/Sheet Capable

An optional roll media device allows paper, plastic and films – even light cardboard to be printed in max widths of 600/1130mm x 220mmO/D (76/30mm inner core. Non powered).

Vacuum Bed

An optional vacuum bed for film, paper and light weight substrates is easily added to the iUV Series printers.

Bottle Jig

An optional production oriented 2/4 up bottle jig snaps into place using a simple magnetic locator.

DUAL LAMP • WATER COOLED • 395 - 415Nm • LOW HEAT



OPTIONAL VACUUM BED



OPTIONAL BOTTLE JIG

