Specifications

Printhead
On-demand inkjet (Micro Piezo)
1440 nozzles. 3.5Nq-42Nq drop

Resolution
Draft Modes: 360 x 360, 720 x 360, 720 x 720dpi
Production Modes: 1440 x 720

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: 285mm (11.2")
    Bed Size: 650mm x 450mm (25.6" x 17.7")
1200s - 1137mm x 750mm (44.7" x 29.4")
    Min: 37 x 26mm (1.5" x 1")
    Max media height: 300mm (11.8")
    Bed Size: 1150mm x 750mm (45.3" x 17.7")

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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1210mm   1130mm   1200mm
1810mm   1305mm   1310mm

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

⏻ UV-600s/1200s

For more details, please contact :

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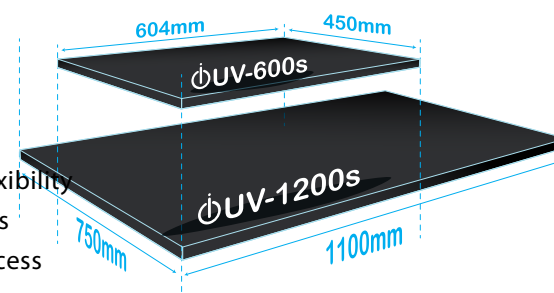info@goldenmarch.com

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BY IMPRESSION
TECHNOLOGY

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

Compress UV LED technology is an entirely new small footprint flatbed UV printer 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.

604mm   450mm

⏻UV-600s

750mm

⏻UV-1200s

1100mm

Print Size Comparison

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 604mm 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 285/300mm (the largest media height of any printer in its class).

Max print area of the iUV-1200s is 1137mm 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 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