compress®
labels-graphics-packaging

iUV-600/1200s/XL and iUV-600LNE/BRD SERIES

what makes us different

Faster

Like for like, the Com-Press iUV 600 series is up to 8 times faster than its nearest competitor.

MODE	RANGE	SPEED
Draft	360dpi	@ 35m² (@376ft²)
Production	720dpi	@ 9.29m² (@100ft²)
Quality	1440dpi	@ 4.64m² (@50ft²)

* 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.

Direction

Print in Bi and Uni directional – a FIRST in UV digital printing (most printers typically run in Uni directional modes). The iUV series print in bi-directional 360/720 and 1440dpi modes as standard)

Larger

A2+ iUV600s (450x600mm) as standard - A1+ iUV600xl (600x1200mm) -That's bigger than its nearest competitors, meaning you're more productive and flexible.

Dual water cooled LED lamps

The iUV series employs dual water cooled lamps to allow printing on heat sensitive media FAST, and manually operated lamp intensity controls allows for longer production runs without needing to use higher dpi modes uni-directional.

Higher

Print on to objects up to 300mm thick (150mm thicker than its nearest competitor). Perfect for higher value items and packaging prototypes.

Lower cost

Priced from just $29,995* the Com-Press iUV600s and iUV600xl offers unbeatable value.

Perfect for the office or shop

Com-Press inks are "no-to-low" odour, allowing easy operation in an office type environment with no need for extra deodorisation units.

Ink choice

Hard, semi-flexible and thermo-formable ink types enable the widest range of print applications, empower your business with the ability to print more products easily.

Millions of colours

CMYK colours, plus white and clear inks. The transition from pad/screenprinting, print process colours and eliminate plate/screen set ups and its just as productive as a 5/6 colour pad printer.

Easy to use

The Com-Press iUV series is simple to operate and our intuitive RIP interface is an operators dream. Dot accuracy in multiple layers supported with an inbuilt profiling engine.

Roll options

For continuous sheet, plastics and magnet substrates are also accommodated on the iUV600s with a non powered unwind devise using 3 and 1.5inch media cores.

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Environment control

Inbuilt into every printer – a humidity and temperature gauge ensures operational conditions are kept optimum for trouble free printing. An operators best friend!

Anti static

Bars are fitted on the in feed of the printer to reduce static and drastically reduce fine dust particles that can clog print heads especially during long shift runs.

No vacuum bed

Your iUV series is equipped with silicon sticky plates that hold product firmly and are also cleanable. They are more efficient than vacuum beds requiring no extra power or compressed air.

WIMS
(White Ink Management Systems)

With the patent pending White Ink Management System, head clogging and maintenance downtime is reduced considerably.

Re-circulation of ink via a pressurised peristaltic pump system coupled with pressure release filters and dampers your white ink is ready to print when you are.

IQ Interweave

The all new iQ Interweave technology is a core development in support of graphics decoration. A new science that delivers greater flexibility and quality of print to a wider range of products. More ink when and where you need it! IQ Interweave prints in a wave pattern, not staggered lines. Reduce banding at lower resolutions.

PDHP
(Positive Damper Head Protection)

Unlike inkjet ink used for paper printing, UV inks have a higher viscosity and surface tension and struggle with gravity fed ink systems. Consistent ink delivery means less clogging and longer prints are available without the stress for ink replenishment to the nozzle plate. The range uses a pressurized damper on each individual color with 1.2psi of constant pressure for better ink delivery ensuring consistent color accuracy and better reliability.

Ink mist extraction

A low noise, high performance axial fan is mounted and sealed in a position so that ink mist is trapped prior to settling over your encoder strips. Most machines suck ink mist over these vital parts whereas the Com-Press range encapsulates the misting and overspray in a sealed compartment which is easily extracted before it gets in the road!!

Rotary attachment

Rotary attachment option to print direct to cylindrical items such as bottles, glass tumblers, candles, water bottles and more.

Best backup

Fully comprehensive warranty backup from Com-Press and your reseller will ensure reliable year on year performance.

Industrial quality

Com-Press as a division of Impression Technology Engineering - world renown for building superior industrial print devices for the Label, Graphics and Textile markets. You are assured precision, industrial grade components and precision assembly are the foundation of your investment.

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.

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