

19th June 2019

INCA DIGITAL LAUNCHES THE NEW ONSET X HS RANGE

New UV inkjet flatbed machines offer over 50% increase in speed, 'single cycle' print mode, full automation and '30 second' job set up

Cambridge, UK: British inkjet pioneer, Inca Digital, has today announced the introduction of a powerful new addition to its market-leading Onset X UV flatbed series – the Onset X HS (High Speed) range. Featuring two new machines, the Onset X2 HS and the Onset X3 HS, the new range offers a dramatic increase in speed and productivity – now printing up to 1450m²/hr, utilising a new single cycle mode.

Compatible with Inca Digital's range of application specific robotic handling systems, and incorporating '30 second' job set up and 'single cycle' printing mode, the new HS range is set to deliver another 'step change' in inkjet printing – something Inca Digital has become renowned for.

The Onset X HS launch is partnered with a new Fujifilm inkjet range, Uvijet OX. Uvijet OX features a brand new, unique, patented ink technology developed and manufactured at Fujifilm Speciality Ink systems in the UK, designed specifically for the Onset X HS family of printers to achieve exceptional adhesion on rigid plastic media at the highest speeds.

Says Stephen Tunnicliffe-Wilson, CEO, Inca Digital: "We believe the launch of this new generation of Onset X machines positions Inca Digital firmly at the forefront of the high-end inkjet market. Inca Digital has always been focused on pushing the boundaries of what is possible in print. The dramatic increases in overall productivity, made possible by the further integration of robotics and great advances in printing speeds, print quality and substrate compatibility, all mean print businesses and entrepreneurs have the capability and capacity to grow market share and confidently move into new markets."

Increased productivity

The addition of the new 'single cycle' print mode to the Onset X HS, made possible by the optimisation of the print jetting profiles and jetting frequencies, means the new HS range can print at speeds up to 1450m² per hour – more than 50 per cent higher than previously published throughput figures. The intelligent bonding properties of the new Uvijet OX ink also ensure maximum adhesion to a much wider range of media, even at these new highest printing speeds.

'30 second' job set up

Machine downtime caused by job changes and set up routines has also been dramatically reduced with the integration of a range of new automated features on the HS machines. On- and off-loading systems, UV shutter alignment and table skin adjustments have all been automated, reducing operator intervention and bringing job set up time down from an average of 15 minutes to around 30 seconds. Inca Digital's own research in the field suggests this will substantially increase machine capacity and utilisation in "real world" situations.

New inks mean new levels of versatility and new markets

The Onset X's scalable architecture and multi-substrate printing capability has helped to make it the machine of choice of many print businesses for whom maximum productivity and flexibility are key. The new Onset X HS, combined with the robust adhesion qualities of Fujifilm's Uvijet OX ink, further builds on this reputation.

Together, the Onset X HS and Uvijet OX inks open up an extensive new range of applications and possibilities in markets where the demand is growing for shorter run but the highest quality printing on corrugated board, packaging and non-PVC rigid plastics.

Concludes Mr Tunnicliffe-Wilson: "We are very proud of this new range of Onset X HS machines. They are the latest example of Inca Digital's proud tradition of launching inkjet machines that have a transformative effect on the industry. To secure such a significant increase in the headline speeds and overall productivity of the Onset X series is an outstanding achievement. Credit must go to the R&D teams at Inca Digital and our partner, Fujifilm, both of whom have worked hard to bring together an integrated solution that puts us once again right at the front of inkjet innovation.

"We all know the market is constantly evolving, and print businesses need to ensure that they have printing technology that not only fits today's needs, but gives them the ability to respond with speed and agility to tomorrow's challenges. I believe the Onset X HS range gives these companies the speed, productivity, quality and flexibility to take on these challenges and opportunities with confidence."

The new Onset X HS series is available now and sold exclusively on a global basis by Fujifilm.

ENDS

About Inca Digital Printers

Inca Digital Printers, part of the SCREEN Graphic and Precision Solutions Group, is one of the world's leading pioneers and

manufacturers of flatbed inkjet printing technology. The Eagle and Columbia printers set the early standards in UV inkjet flatbed printing. Inca's facility in Cambridge, UK, incorporates R&D, customer support, machine assembly and commissioning, a dedicated training facility and a clean room for printhead assembly and refurbishment. With approximately 25% of staff involved in R&D, a significant investment here helps the company maintain its position at the forefront of machine productivity, innovation, quality and reliability. Through its Inca Genius (www.incagenius.com) service the company forges partnerships with organisations looking to incorporate digital print into their current industrial process. The focus of Inca Genius is the development of Inca's core technology and future growth in new market segments and industrial applications. For more information please visit www.incadigital.com and follow us on Twitter www.twitter.com/incadigital

For further information, please contact:

OrangeDoor

Alex Dibb
Account Manager
T : +44 (0)208 315 7940
alex.dibb@weareorangedoor.com