

More productivity and efficiency

*Digital thermoforming,
membrane switches
and printing on plastics:
Mimaki to unveil
exciting digital solutions
for the plastics industry
at K 2016*



www.mimakieurope.com

Mimaki, a leading global manufacturer of wide-format inkjet printers and cutting machines for the plastics, sign/graphics, industrial and textile/apparel industries, be bringing exciting new solutions for the plastics industry to K 2016.

New Uv-Curable inkjet printers for plastics

At Mimaki's stand the first to see new Uv flatbed UJF-3042 MkII and UJF-6042 MkII printers that deliver best-in-class print speed with good adhesion to acrylics and many other materials, including glass, metal and resins.

They are also ideal for producing membrane switches or wallet smartphone cases that must be pressed or folded.

A variety of ink types are available for these systems, enabling printing on both rigid and flexible materials, including inks designed for durability with excellent scratch resistance, and inks that can be stretched up to 170% without cracking. Textures can be added using clear varnish ink.

“With format sizes of up to 60x42cm, they offer significantly improved printing quality thanks to completely redesigned table technology, further extending the range of applications that can be printed directly to rigid materials.

This enables the type of cost-efficient production of mock-ups, samples and short-run products by stakeholders across the entire plastics supply chain that has been difficult to achieve in the past” states Mike Horsten, Mimaki’s general manager Marketing Emea.

Digital thermoforming innovation

Mimaki demonstrated its UJF-7151plus multipurpose wide-format printer that can print on a variety of substrates including plastics, metal, wood, leather and glass onto materials up to 28” wide x 20” long and 6” thick.

“We will have two of these outstanding printers on our stand,” Horsten adds. “We are particularly excited about



Mimaki UJF-6042 MkII

demonstrating this printer with our LUS-350 thermoforming ink.

Mimaki LUS-350 is a unique, stretchable ink suitable for a wide range of thermoforming applications, especially those requiring exceptional hardness and durability such as automotive parts.

Mimaki LUS-350 ink is compatible with UJF-7151plus, JFX200-2513 and JFX200-2531 printers. The ink is available

in Cmyk, white and a unique clear ink that can also add texture. Also a Formech 508FS vacuum forming machine on the stand so visitors can experience the entire process.”

Cutting it close

Finishing of short run items, whether they are mock-ups, samples or final products, can also be a challenge – time consuming, costly and error prone.

Mimaki’s CFL-605RT flatbed cutting plotter was on show at K 2016, in combination with the Mimaki UJF-6042 MkII.

This compact, multifunctional solution is ideal for cutting a wide range of media of up to 10mm thick, including Pet, foam boards or paper, using various cutting functions.

It also includes a powerful cutting software plug-in package that makes it easy to use and minimises opportunity for error. ■

