

Press Release for INPRINT 2019

After the first successful installations of the new JetScreen! LT in Germany and Switzerland, Lüscher Technologies AG is expanding its range of products with JetScreen! LT 55/32, designed for a maximum frame format of 5500 x 3200 mm.

The completely new design will include state-of-the-art components such as maintenance-free linear motors, data transmission via Gigabit network and other state-of-the-art technical highlights. The new JetScreen! LT will be available in various formats: Since mid-2019, the new 55/32 series with a maximum frame format of 5500 x 3200 can also be ordered. The first system is sold and will be installed in Germany by the end of December.

Depending on the requirements, the system can be equipped with 64 up to 128 laser diodes. All systems can be retrofitted "on site", i.e. they can be equipped with additional laser diodes if higher output powers are required. Optionally, all JetScreen! LT systems can be easily integrated into fully automatic production lines such as the Zentner Systems with corresponding development, coating, sieve dryer and magazine units. An optimal ratio between quality and speed is achieved with the new Trioptic! system. It allows the free choice of resolutions 635, 1270 and 2540 dpi.

High-End Screen Printing Stencils Made With MultiDX! 320

At INPRINT 2019, Lüscher will present a MultiDX! 320 UV computer-to-screen system. It is equipped with a new optical system with dual resolution of 2540 and 5080 dpi. The resolution can be adapted to the particular requirements at the touch of a button. For standard work, exposure is made at 2540 dpi and normal speed. For more demanding applications such as membrane keyboards or printed electronics, the resolution is up to 10160. This allows the perfect reproduction of even the finest details such as lines up to a thickness of 20 microns.

MultiDX! 320 UV is used to expose frame formats of 1000 x 1000 mm with an exposure area of 900 x 610 mm. In contrast to other computer-to-screen processes, the fabric rests on a vacuum table and thus forms the basis for absolutely precise exposures. Lüscher has installed MultiDX! systems with dual resolution at several renowned customers in Europe and the USA.