

What inkjet can be
Individualised mass production



What robotics can be

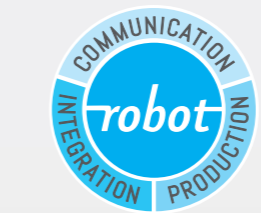
Digital Coating



What inkjet can be
Individualised mass production



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Our range of services
An overview



Feasibility studies and pre-tests

Clean room of ISO Class 7 with pre-treatment, digital surface printing, and drying along with coating and UV robots provides a complete environment.



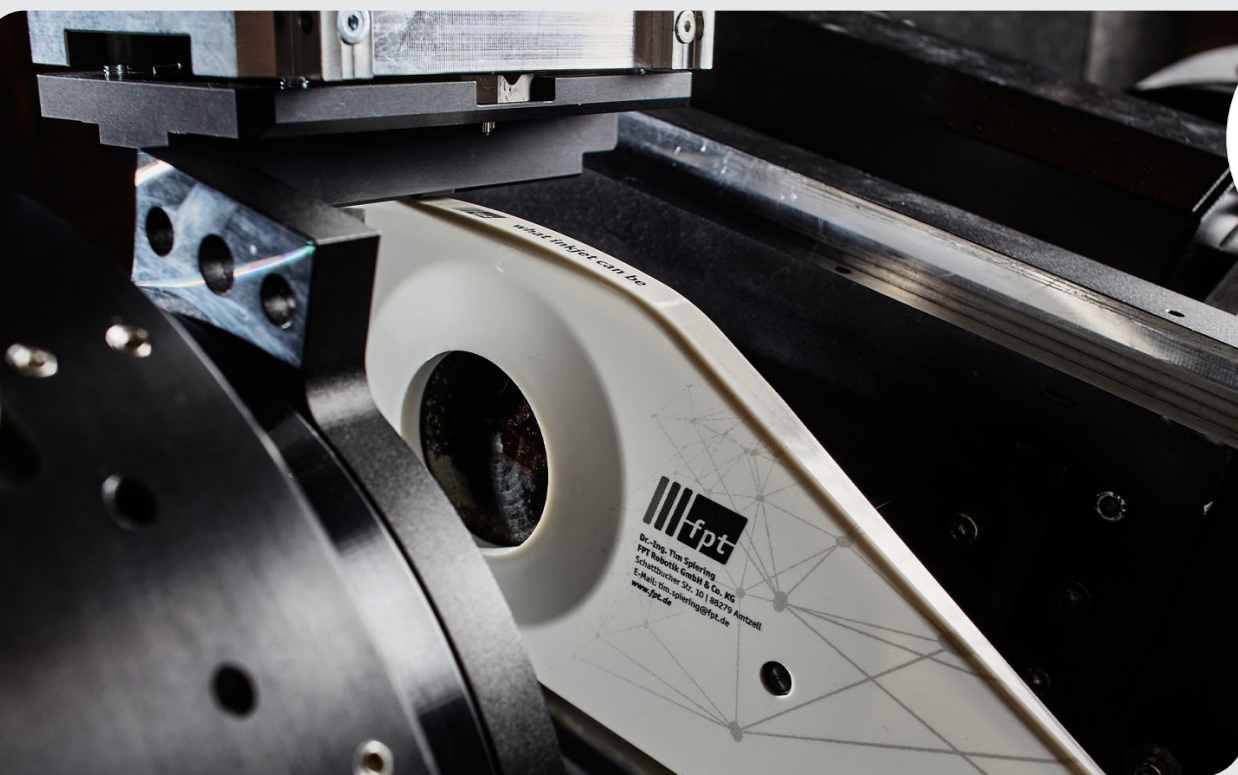
Automation and integration of production lines

Your products can be manufactured individually and at high speed with the help of robotics – independent of batch size.



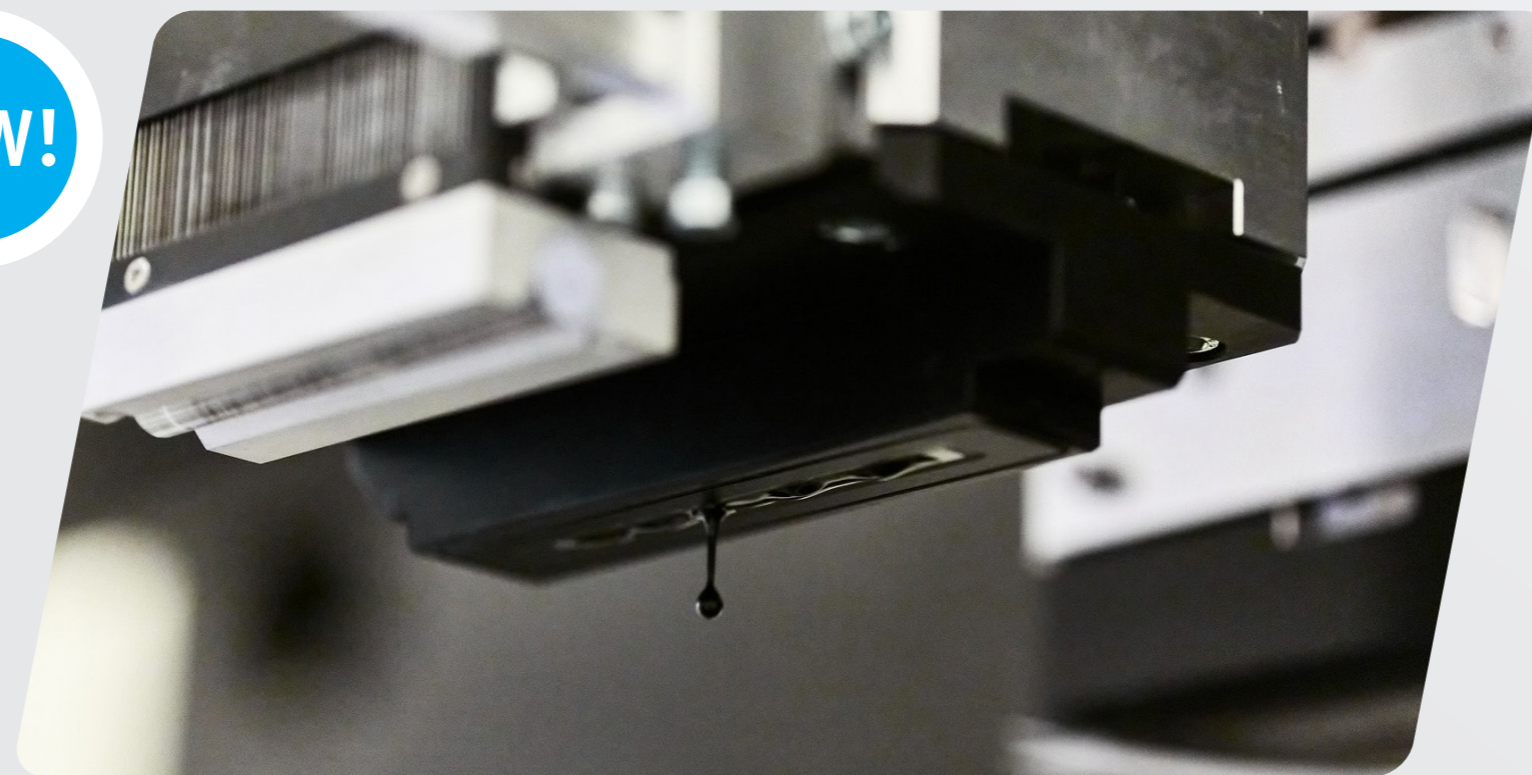
Applications for industrial inkjet printing

Modular construction optimises your value creation by interlinking with pre- and post-treatment as well as logistics processes.



Digital freeform printing

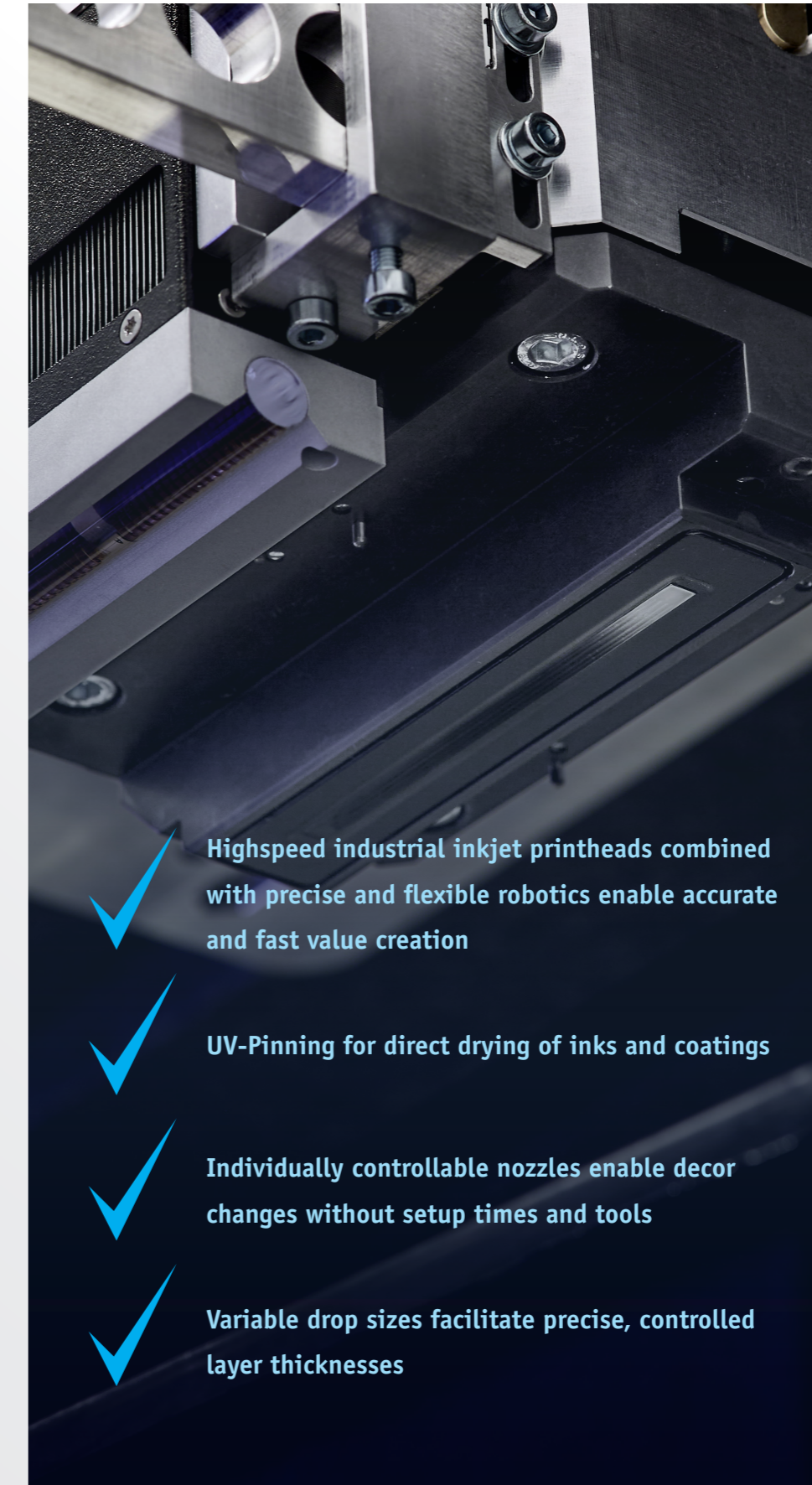
With industrial digital printing, you can decorate parts in 2D, 2.5D, and 3D from various materials at mass production terms and costs.



Digital Coating

The innovative application process using inkjet and drop-on-demand technology delivers high-quality results even on edges and with complex shapes.

Digital Coating
In spotlight



Based on an appropriately prepared digital data set, even complex surfaces can be coated directly in digital printing. Our optimal process integration enables digital printing at industry-standard speed and quality.

The enormous flexibility of inkjet allows the possibilities to be limitless. E.g. decorations with logos in the interior of a car or operating panels of washing machines in different languages – both can be individualised in seconds, just by the transmission of a different data set. Not only the materials to be printed are variable, but the coating ink can also vary in a vast range. Conductive digital printing inks, for example, will fundamentally change how electronics are manufactured in the future. Functional inks for sensors, circuits, and batteries – all can be printed on suitable substrates. These inks can conduct electricity, store data, insulate, change colors and states, or emit light.

Functional inks combined with digital freeform printing can open up entirely new market opportunities.

✓ Highspeed industrial inkjet printheads combined with precise and flexible robotics enable accurate and fast value creation

✓ UV-Pinning for direct drying of inks and coatings

✓ Individually controllable nozzles enable decor changes without setup times and tools

✓ Variable drop sizes facilitate precise, controlled layer thicknesses