



## About the company

ISIMAT is a leading provider of innovative high-tech printing machines for the decoration of tubes, glass containers, plastic articles, as well as aerosol and aluminum containers. Founded more than 60 years ago in Ellwangen, in the German state of Baden-Württemberg, the mechanical engineering company, as part of the KURZ Group, combines pioneering engineering with global strength and innovative power. The company stands for first-class quality and efficiency in glass and tube decoration.

## Innovations

Thanks to innovative finishing technologies and excellence in mechanical engineering, even unusual customer requirements can be realized. As the only supplier of inLINE FOILING® and conical inLINE FOILING®, ISIMAT enables the finishing of glass hollow bodies and combines digital printing with metallization. Core technologies: inLINE FOILING®, conical inLINE FOILING® (CIF), digital printing.

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## Core competencies

The fully automatic ISIMAT high-tech printing machines with integrated CNC technology ensure print quality, print speed, reliability, and productivity meet the highest demands. As the first manufacturer ever, ISIMAT has developed patented decoration options with inLINE FOILING® and conical inLINE FOILING®, allowing products such as hollow glassware, jars, tubes, and aerosol cans to be easily, quickly, and durably finished with exceptional metallic designs, all at a cost-effective price.

### → I-series machines



The I-series silk-screen printing machines stand for ease of use and efficiency when decorating glass and plastic articles. This allows complex shapes to be printed in many colors and finished with metallic designs. The quick-change systems reduce start-up times and facilitate quick changes between different print stations, ensuring rapid adaptation to the relevant requirements and optimized production processes. The intuitive operation also simplifies machine handling, thus increasing productivity, efficiency, and flexibility. Thanks to the combination of digital printing and metallization (inLINE FOILING® and conical inLINE FOILING®), even complex shapes and designs can be easily achieved and a wide range of creative applications can be realized. The UVitro® system ensures the durable adhesion of UV inks on glass through a two-step process.

### → T-series machines



The T-series machines offer productivity, efficiency, and maximum flexibility for the decoration of tubes and sleeves, all with straightforward handling. The machine portfolio includes the high-performance silk-screen printing machine (TD7) that operates with dual output, the hybrid printing machine (TH9), and the TS6 for reliable, high-quality screen printing. The TH9 hybrid machine stands for maximum flexibility through the integration of different printing technologies and boasts flexo, screen printing, digital, varnishing, and inLINE FOILING® units. In addition to the modules for the tried-and-tested inLINE FOILING® and DIGITAL inLINE FOILING® technology (DIF), which enables the application of 360° metallization on cylindrical articles, the T-series machines also offer the option of INDIRECT DIGITAL DECORATION (IDD), individual DIGITAL finishing, as well as the DRP system, which enables high-quality flexo printing.