

Intelligent Embroidery Solution by Saurer

Saurer presents the intelligent embroidery solution. At this year's exhibition, we are proud to showcase a fully-fledged embroidery solution that offers a wide range of customisation options for customers. The Epoca 7 shuttle embroidery machine features enhanced automation technology and a new application device. It also incorporates modernised CAD/CAM design software and a new mill management system.

The embroidery machine

Epoca 7 sets new standards in terms of productivity, with an increase of up to 25% compared to its predecessor. It also boasts a speed of up to 700 rpm. The machine requires 5% less energy than its forerunner, even when machine speed is increased by 18%. In terms of savings, this gives the customer the edge to total cost of ownership. We are committed to sustainability and strive to ensure that our products are energy efficient, minimising the impact on the environment.

Automation solutions

The new automatic rear carriage adjustment helps in reducing the machine setting time. The rear carriage width can be set automatically according to the yarn properties, resulting in a substantial reduction in yarn breaks. The intelligent thread watcher SmartMon drives the precise and fast detection of yarn breaks, on both shuttle and needle side, which drastically lowers mending costs by up to 70%. In an environment where cotton is used, cotton dust pollutes the machine, resulting in early wear of the moving parts. With the new overhead cleaner – CleanGuard, this phenomenon is significantly reduced.

Enhanced application device

The HeadLine system with sequin, cord and the new LaserHead redefines and pushes the boundaries of embroidery applications and designs. The laser technology drives the precise cutting of virtually all synthetic and natural fabrics.

Modernised CAD/CAM platform

EmStudio incorporates all design workflow from sketch to production on a single platform. This modern tool provides the full solution from embroidery drawing, punching, visualisation of the design, product optimisation and productivity analysis to archiving design with information and machine settings. The intelligent stitch editor iSed optimises the quality of embroidery stitches.

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New mill management system Senses

Senses is a new innovative control and analysis tool. Senses allows to collect and analyse the production, quality and machine data. The advantage is total transparency and the optimization of production processes. The result is enhanced efficiency and increased profitability.



Epoca 7 pro, the innovative embroidery system sets new standards

Pictures:
Epoca 7_CMYK_300dpi.jpg
Epoca 7_web.jpg
