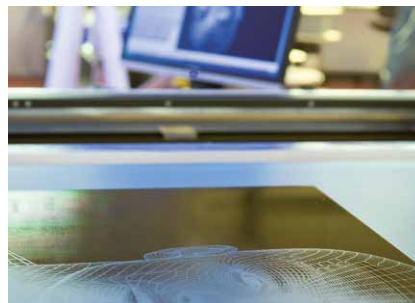
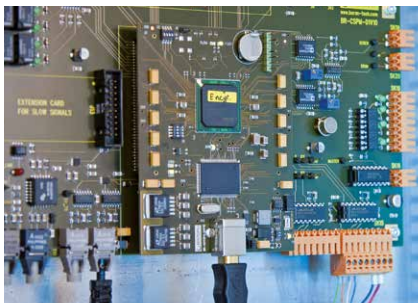


CST ROTARY INKJET ENGRAVER

Established in the market – valued by a wide range of customers



The CST rotary engraver is our proven solution for high-quality, efficient and profitable screen exposure processing of seamless rotary screen production.

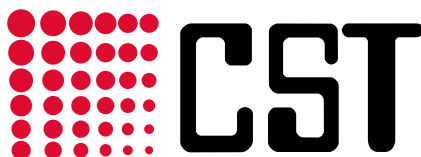
This is the most efficient method to produce the highest quality rotary screens for textile printing in the market today.

THE TECHNOLOGY

The design is directly imaged from the design file on the PC work station onto the light sensitive coated screen. After screen exposing, the ink and the unexposed parts of the coated screen are easily washed off.

THE BENEFITS

This is the fastest, cheapest and most precise method on the rotary screen engraving market. Maintenance is simple and cost effective. Operator-convenient print head exchange procedure.



www.c-s-t.de

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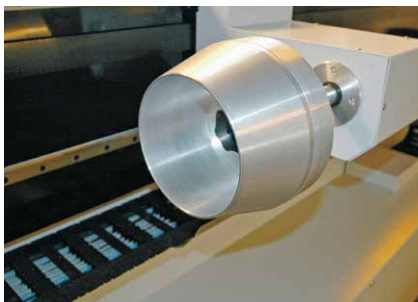
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INK JETTING SYSTEM

A high-speed/high-quality industrial ink jet system is used at a high resolution. The heads can easily be exchanged and adjusted by the operator. Adjustments are supported by the CST engraving software. The head is cleaned and automatically parked at the integrated head cleaning station.

SCREEN HOLDER SYSTEM

The screen is held by 2 conical adapters on either side. The screen length is adjusted by the right side adapter. Under software control, the screen is pressurized with a constant air flow. With this method, a perfectly round screen shape is achieved ensuring highest engraving quality. The jetting head distance is automatically adjusted to different screen circumference.



640 mm adapter. Different diameter adapters are available as options.

TECHNICAL SPECIFICATIONS

maximum screen length (depends on machine type) screen circumference	2000 mm / 3500 mm 640 mm / up to 1018 mm
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please contact CST for your exact requirements

machine speed exposure system	appr. 6 minutes / squaremeter fully automatic integrated UV-lamp
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SEAMLESS ENGRAVING

A big problem with film based screen-making is retouching the seam. The inkjet engraver works absolutely seamlessly for any design resolution.

INKJET COMPARED TO CONVENTIONAL FILM

No darkroom, no chemicals, no film and no development machine are needed. There is no taping or film retouching required. The screen is produced much faster at lower cost, with higher quality, less working steps and less operator experience are needed.

OUR COMPANY

CST GmbH has established an excellent reputation in the fields of colour scanners, film plotters and screen

imaging systems, reflected by large market share and worldwide sales to more than 50 countries with more than 850 installations. Using the latest in mechanical and electrical technology, our engineering team develops the reliable and accurate lines of machines optimized for ease of operation, high productivity and quality. Since 2002 our company is ISO 9001:2000 certificated.

THE CST PRODUCT RANGE AT A GLANCE

- DLE, DLE ROTARY, DLE-COMPACT, DLE-ECO
- Rotary and flatscreen waxjet / InkJet engravers
- Special solutions for engraving and scanning



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