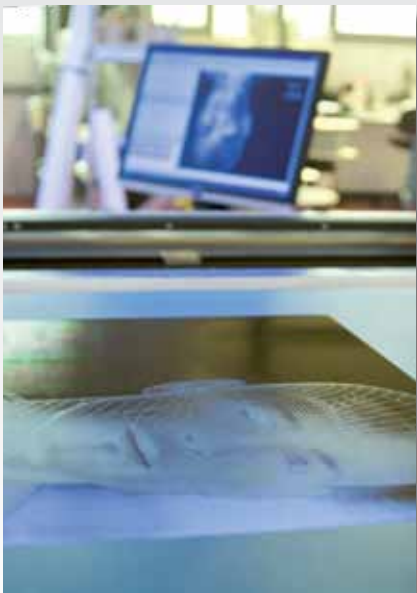# CST Inkjet Engraver

Our cost-effective and efficient industry-proven solution, specifically developed for high-quality "direct to screen" engraving

The Method

The separation image is jetted directly with a special ink onto a conventionally-prepared flat screen, using a photo-sensitive emulsion. The screen is then exposed and processed conventionally.

The Benefits

- Outstanding engraving quality, with flexible resolution, up to 720 dpi, and at speeds less than 8 minutes per square meter
- Excellent repeatability per screen, accurate to within 0.1mm
- Modular design, facilitating easy maintenance and cleaning
- Easy screen-clamping system with screen-support frame

CST

Colour Scanner Technology
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Ink Jetting System

The DTS engraver was manufactured specifically to address economical, superior-quality flat engraving.

It is most suited to low to medium-volume production environments, where high quality is paramount.

Despite the low-cost of this machine, it is packed with features normally found only in more expensive units, without sacrificing quality and reliability.

The ink system is modular and ink card ridges easily interchangable, maximising production output.
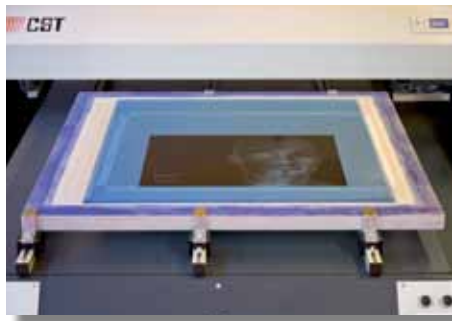
Software

The software runs on standard PC hardware.

Industry-standard USB-2 port connection to the machine.

Standard networking protocols.
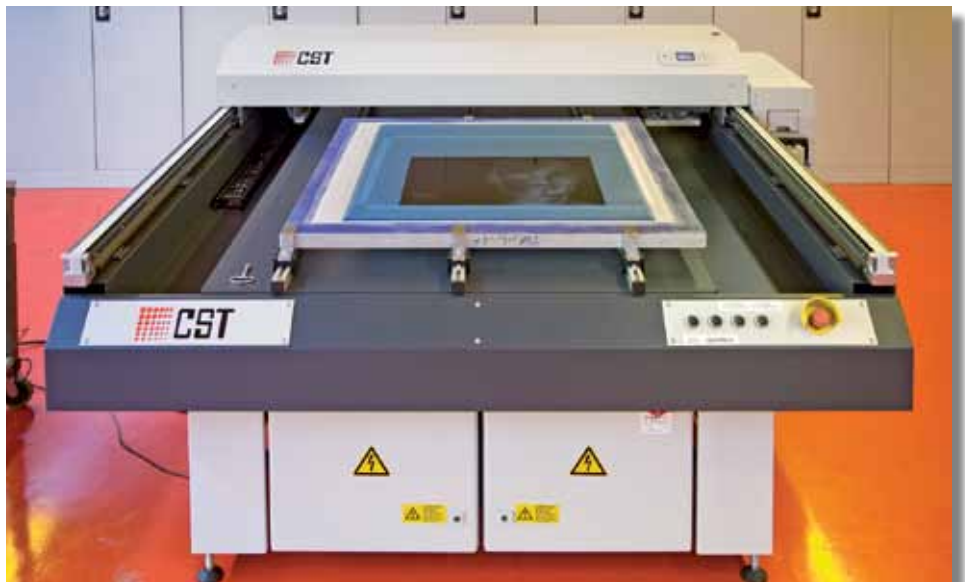
Rip System intergratet

Technical Specifications

Maximum jetting sizes:	Small machine: 1,5 x 1,5 m Large machine: 4,5 x 8,0 m
Weight and size:	Small machine: 300 Kg Large machine: 1.000 Kg
Nozzles:	piezo inkjet technology
Electrical input:	110 / 220 V, a.c, 50 / 60 Hz
Screen-securing system:	Included
Operating conditions:	18-28 °C, 40-70 % relative humidity (non-condensing)
Compatibility:	Standard PC, USB-Interface, MS Windows/ XP/ 7
Networking:	All standard PC-networking hardware and protocols

Please visit our international website at www.c-s-t.de

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. Using the latest in mechanical and electronical 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

- Large format colour scanners
- Digital Light Engravers
- Rotary and flatscreen waxjet / InkJet engravers
- Special solutions for engraving and scanning
- Laser engravers
- Digital Printer
- Alu Printer

Inkjet Engraver

CST

TÜV CERT
DIN EN ISO 9001