

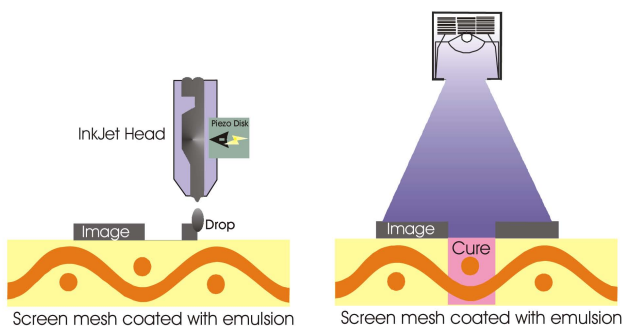
DOUTHITT

Computer To Screen

CTS Digital Screen Imager



Just Print and Expose



The CTS series uses phase change ink jet head technology to provide unequalled print quality and imaging speed in a dependable production system.

Faster turn around times
Reduced exposure times
No image distortion

Reduced handling
Reduction in labor cost
No Film Required



Computer To Screen

CTS Specifications

Front End

Workstation operating systems	MAC, PC, UNIX
Native application software	Typical imaging software using Postscript file format: Photoshop, QuarkXPress, etc.

RIP

Type:	Software
Processor speed and type:	Pentium (currently available Intel)
Hard drive size:	Variable depending on requirements
RAM (MB):	Variable depending on requirements
RIP manufacturer:	Any 1bit TIFF output
Screening:	Traditional, frequency modulated (FM)
Readable formats:	Postscript Level 3, EPS, TIFF, Gerber

Output Device

Imaging Technology:	Solid ink, phase-change ink jet
LPI Halftone capability:	75/110 lpi
Resolution (dpi):	600 - 1000 dpi
Network:	Ethernet (standard) or custom
Ink type:	Water dispersible photo resist
Screen to screen registration:	Approx. 1/1000 inch
Imaging Speed (m2/h):	Approx. 3.5 m2/h @ 1000 dpi Approx. 10 m2/h @ 600 dpi



Highest Resolution

Print head technology with smaller drop size and solid ink technology enables imaging halftone frequencies up to 75 dpi. Sophisticated interlacing patterns assure smooth halftones and color transitions for the most demanding applications. Optimize image quality without compromising on throughput and consumable cost.

Model	CTS 30	CTS 50	CTS 52	Units
Max media	25 x 36 64 x 91	54 x 38 137 x 97	54 x 46 137 x 117	inch (w,h) cm
Max Image size	20 x 30 51 x 76	50 x 30 127 x 76	50 x 40 127 x 102	inch cm
Size	37 x 49 x 68 79 x 124 x 172	37 x 80 x 80 79 x 203 x 203	37 x 80 x 92 79 x 203 x 234	inch (d,w,h) cm (d,w,h)
Crated Weight	800	1200	1200	lb
Voltage	120/220	120/220	120/220	volts
Hz / amp	50-60/15	50-60/15	50-60/15	Hz/amp
Compressed air	Required	Required	Required	

Reliability and Service

As Computer-To-Screen eliminates films and becomes an integral part of the digital workflow. The CTS is backed by a crew of trained service personnel providing support. Service is the essence of a long lasting relationship with our customers.

The DOUTHITT Corporation
245 Adair St. Detroit, Michigan 48207
Phone 313-259-1565 Fax 313-259-6806
www.douthittcorp.com E-Mail em@douthittcorp.com