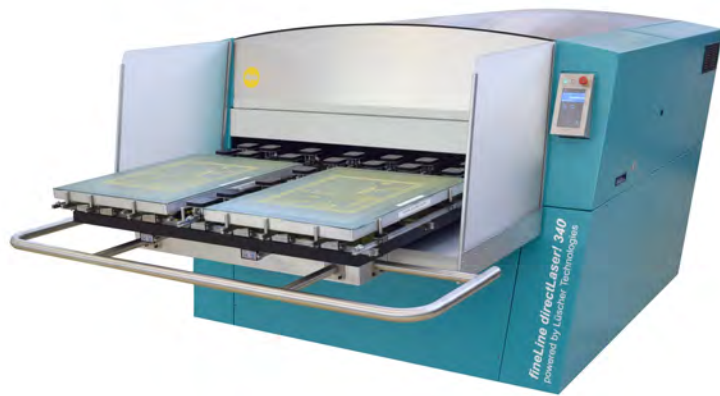


fineLine directLaser![®]

powered by Lüscher Technologies



Computer-to-Screen for the 21st century!

Based on more than 20 years of in-depth experience and competence in direct screen imaging, this offset-derived imaging technology finally provides quality, consistency, uniformity, imaging speed and the lowest ownership cost that high-tech, industrial screen printing professionals have been requesting for too long. An industry leading, **2-year equipment warranty includes 10,000 imaging hours** for this patented and state-of-the-art imaging head technology that can be prolonged **for the life of the equipment** with inexpensive insurance coverage. This undisputed testimony of our leading imaging technology can be proven in our **fully operational U.S. demo test center** in Ohio.

Model	Machine and Screen Frame Size	Resolution dpi
Flatbed	up to 57" x 59" (1.3 x 1.5m)	1,270 - 10,160
Vertical	51" x 63" (1.3 x 1.6m) — 10 x 20ft (6 x 12m)	600 - 2,400

Test before you invest!

Continual monitoring of more than 80,000 lasers successfully operating in more than 1,000 machines installed worldwide is the foundation of this technology's authority.

Swiss Made — Quality . . . the lasting impression!



dlp imaging corp. (dlpic) • Competent Integrator of Leading Technologies Since 1983
Technology Expertise — Sales — Installations — After Sales Service — Spare Parts
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fineLine directLaser!®

powered by Lüscher Technologies

Patented Lüscher Exposure Technology

- High-powered, new generation laser technology at 405 nm wavelength
- Fiber optic-coupled lasers provide 110 Gbit/s of data transfer streaming
- Up to 5 times higher imaging energy on stencil than any other technology
- No DMD chip; eliminating costly, recurring calibration and pricey service
- No banding
- 10 feet per second uninterrupted imaging speed
- 100% through-curing exposure of any commercially available emulsion
- Full exposure of thickest stencil/mesh combination
- No need to change to specially formulated emulsions such as SBQ types
- Selecting up to 8 groups of lasers (max. 128 lasers) and resolution of up to 10000 dpi allows for individual, custom designed imaging solutions
- Interpolation allows exposure at 5080 dpi with native 2540 dpi resolution

Flatbed Machine Design

- Heavy-duty, torsion-free, steel frame design
- Massive flat table support
- Upper machine body suspended, eliminating any possible vibration
- High precision vacuum table supports mesh and stencil not frame
- Universal vacuum table design for quickest registration of any frame sizes

Hybrid Champion

- The only worldwide imagesetter system combining two types of lasers — all in one machine
- Screens, offset, flexo, letterpress plates, pad-printing clichés — all in one machine
- In addition, embossing with cooper or aluminum, film, diazo and ablative — all in one machine

Vertical Machine Design

- Heavy-duty steel frame design assures consistent, repetitive, uniform and fluent machine operation
- Ready for inline process automation (developer, magazine units, etc.)

Warranty

- A 2-year, industry leading equipment warranty with 1 free labor maintenance service visit annually
- A 10,000 working hour warranty for all installed lasers means cost free operation for 10 years at 60% equipment utilization in one shift operation
- Inexpensive annual insurance prolongs warranty for life of equipment
- Fully operational demo center in Ohio. Bring your screens and images!

Test before you invest!



Specifications are subject to change without prior notice assuring up-to-date technology

Model	Frame Sizes	Available Resolution	# of Lasers	Applications
Flatbed	40"x40" — 57"x59" / 1x1 m — 1.3x1.5 m	1270, 2540, 5040, 10160	16 - 128	flat screens; offset plates; flexo plates; pad printing clichés, copper or aluminum embossing; letterpress plates; security printing
Vertical	51"x63" — 10'x20' / 1.3x 1.6m — 6 x 12 m	600, 1200, 2400	16 - 128	flat screens



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