

SAATI LTS SF-E/SF-EX

Ultra Precise **Laser Matrix** Imaging & Exposure Unit Designed for the Container Printing Market

Description

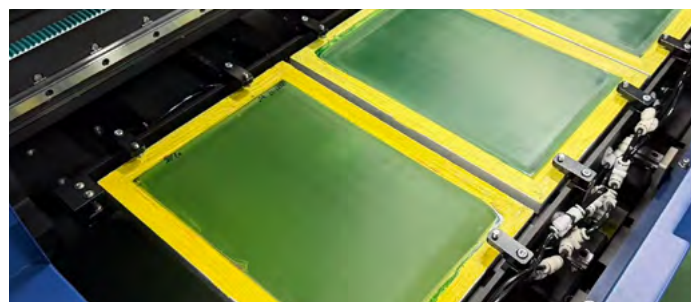
Self-contained, super high efficiency direct laser computer-to-screen imaging & exposure unit, operated by PC, with optional RIP. Third generation LTS technology employs a scanning laser diode matrix that renders high resolution and definition images, including crisp halftones up to 100lpi, and requires no special calibration.

Applications

Designed to efficiently image and expose **one screen** up to 350 x 750 mm | 13.78 x 29.52" or **up to three screens** each up to a maximum size 250 x 350 mm | 9.84 x 13.78" – with no need for vacuum or film positives, or liquid media.

Characteristics

- Horizontal glassless design with safety viewing window and hatch
- Belt-driven laser matrix with 1270–2540 DPI resolution toggle – exposes quickly and precisely
 - **E Model** has 64 lasers, **EX Model** has 96 lasers
- Rapidly exposes all emulsions and stencil films with high precision, including traditionally slow dual-cure
- Easy to use software, compatible with many RIP programs
- Utilizes 1-bit TIFF file format
- CE Certified



Rapidly process screens, zero consumables. Higher image fidelity than inkjet/waxjet systems, much quicker than film processes

Resolve super fine text on cosmetics containers
text example: 3 & 4 point type

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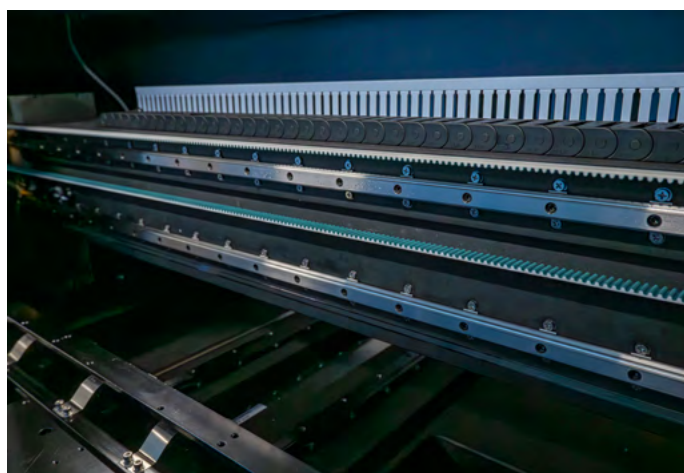
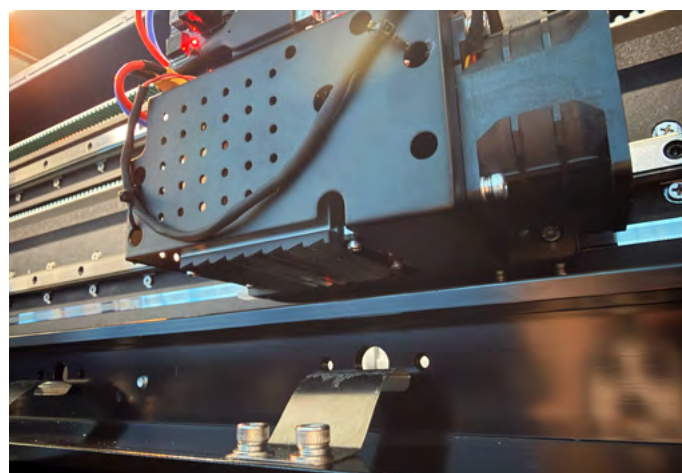
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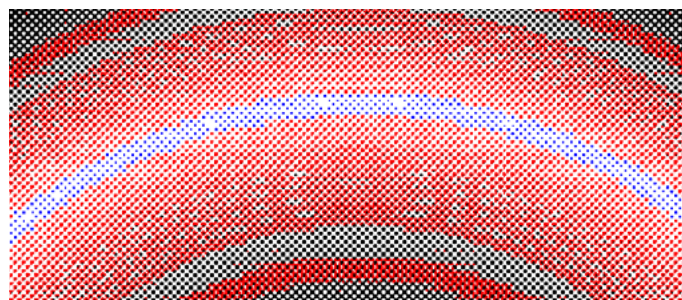
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Ultra Precise **Laser Matrix** Imaging & Exposure Unit Designed for the Container Printing Market

- Ultra precise CTS exposure, capable of 100 LPI halftones
- Both base and beam are constructed of marble, for the most stable platform available
- Upgraded encoder, drive and mechanical systems, for precise pixel placement with high-definition images
- Highest precision image placement with ± 1 micron accuracy
- Digitally process image files directly to screens, without film positives or consumables
- Edit existing RIP files with powerful software tools to further optimize print quality
- Low power consumption for minimized costs
- 10,000+ hour laser life and easy, low cost maintenance



Multi-Frame	MultiProcess			Start Printing	View Original
Output Resolution(X...)	Speed	Power	Feed/Sheet	Scale	
2540.0x2540.0(cpi)	30	0	DefaultFS	1.000000 x 1.000000	
2540.0x2540.0(cpi)	30	0	DefaultFS	1.000000 x 1.000000	
2540.0x2540.0(cpi)	30	0	DefaultFS	1.000000 x 1.000000	
2540.0x2540.0(cpi)	30	0	DefaultFS	1.000000 x 1.000000	
2540.0x2540.0(cpi)	30	0	DefaultFS	1.000000 x 1.000000	
2540.0x2540.0(cpi)	30	0	DefaultFS	1.000000 x 1.000000	
2540.0x2540.0(cpi)	30	0	DefaultFS	1.000000 x 1.000000	



Intelligent software tools can analyze images and compensate pixel by pixel to ensure a more faithful image replication on press. Colors indicate augmentations and reductions in tones

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Specifications

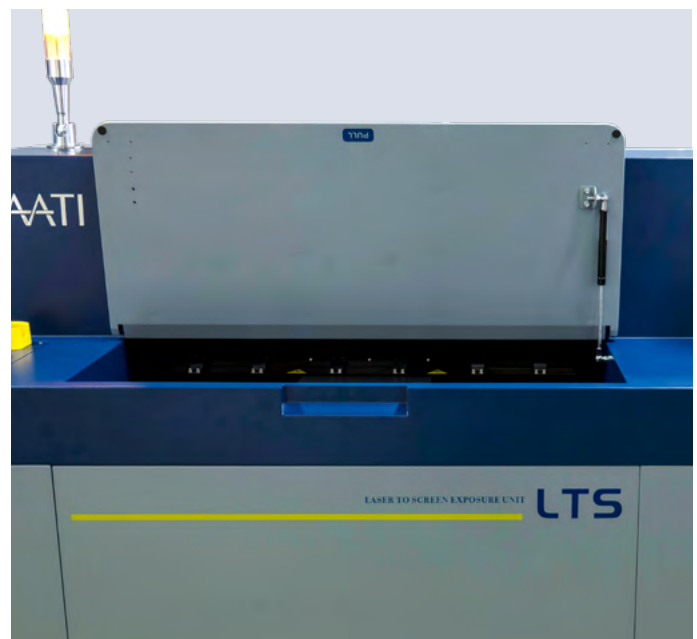
- Maximum Image Size: 690 x 330 mm | 27.2 x 13"
- Max Frame Size: **1 screen** up to 350 x 750 mm | 13.78 x 29.52" or **3 screens** up to 250 x 350 mm | 9.84 x 13.78"
- Machine Dimensions: 1200 x 750 x 780 mm | 47.2 x 29.5 x 30.7" – allow an additional 23" width for adjustable monitor arm
- Weight: 790 kg | 1741.7 lb
- Compatible with 110V or 220V input
- Requires compressed air for pneumatic clamps (90 PSI/6.205 Bar, less than 1 cfm)
- One Year Warranty



Machine rolls on casters for easy installation



Machine fits through standard doorways



Vertical hatch to load and unload screens limits necessary operating space

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