

SAATI LTS E70B

Economical Vertical Glass Free Direct Laser Imaging & Exposure Unit

Description

Self-contained, super high efficiency direct laser computer-to-screen imaging & exposure unit, operated by PC, with optional RIP.

Applications

Designed to efficiently image and expose one screen up to 640 x 920 mm | 25 x 36" without vacuum or film positives.

Characteristics

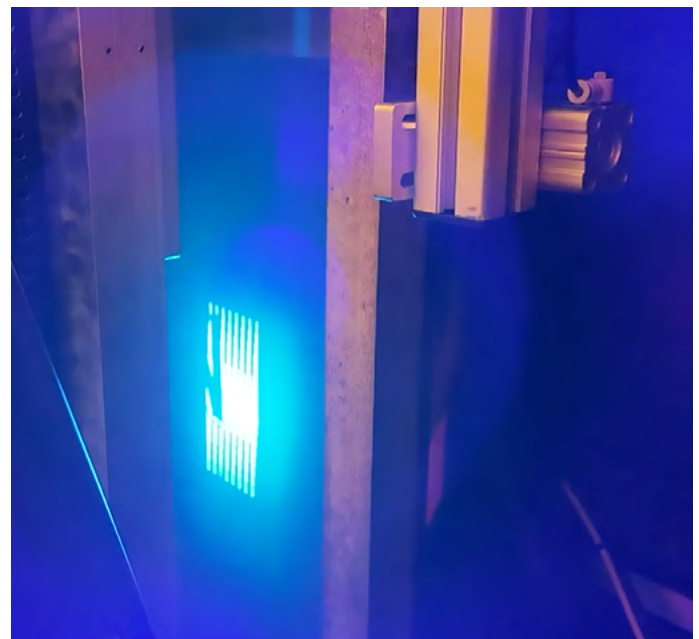
- Vertical design with safe viewing window
- Planar array of 64 lasers with resolution toggle: 1270 and 2540 DPI
- Rapidly and thoroughly cures all emulsions and stencil films including high density
- Easy to use software, compatible with many RIP programs
- Utilizes 1-bit TIFF file format

Features/Benefits

- Very high resolution CtS exposure –
- Pneumatic frame clamping system compatible with both custom and major registration systems like MHM, Tri-Lock
- Upgraded encoder, drive and mechanical systems, for precise pixel placement with high-definition images
- Digitally process image files directly to screens, without film positives or consumables like ink or wax
- Low power consumption for minimized costs
- 10,000+ hour laser life and easy, low cost maintenance

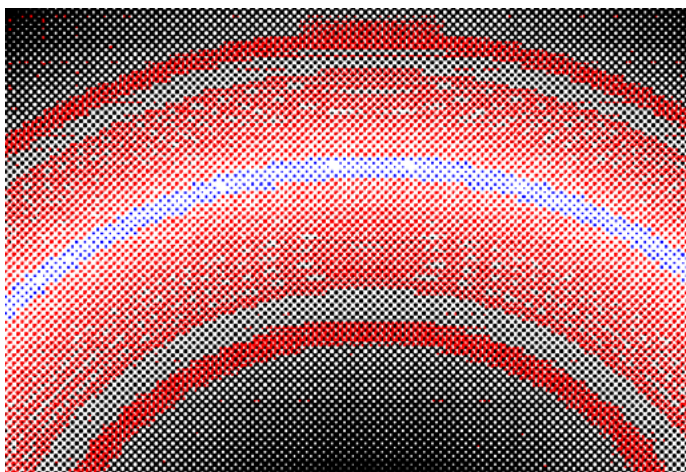
Specifications

- Maximum Image Size: 600 x 800 mm | 23.6 x 31.4"
- Maximum Frame Size: 640 x 920 mm | 25 x 36"
- Machine Dimensions: 2070 x 712 x 1880 mm | 81.5 x 28 x 74" – allow an additional 610 mm / 24" on the right side and 203.2 mm / 8" in front for the screen chamber door to fully open
- Weight: 800 kg | 1763.7 lb
- Compatible with 220V (EMEA) or 110V (USA) input
- Requires compressed air for pneumatic clamps (90 PSI/6.205 Bar, less than 1 cfm)
- One Year Warranty

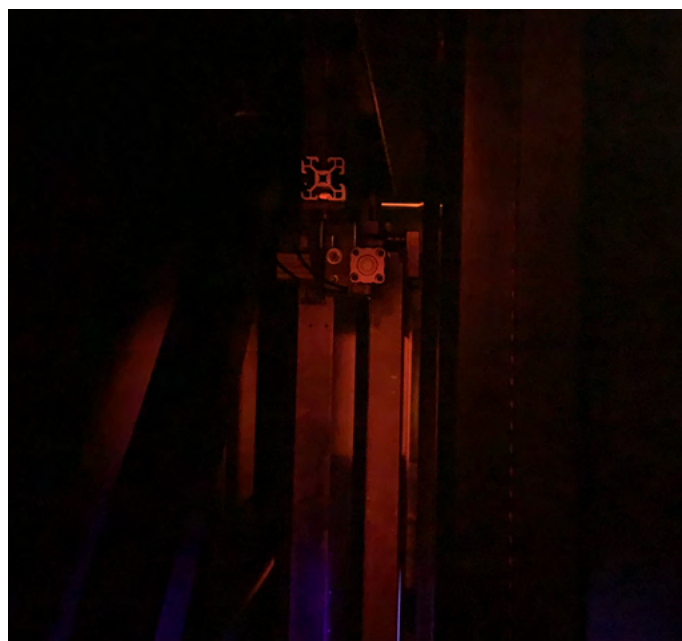
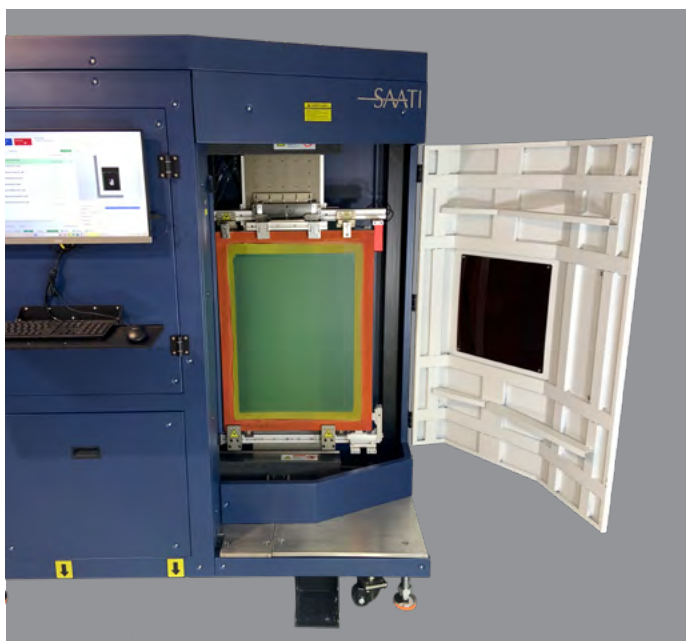
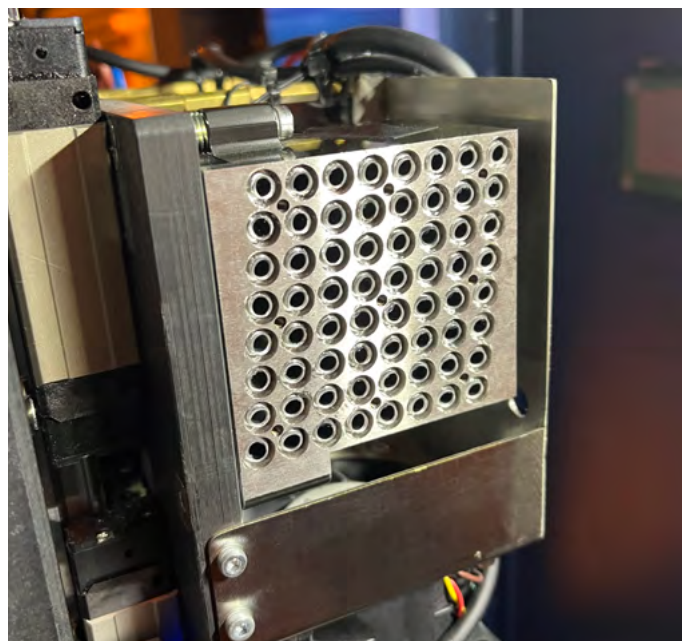


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Intelligent software tools can analyze images and compensate pixel by pixel to ensure a more faithful image replication by the **Planar Laser Array** on press. Colors indicate augmentations and reductions in tones



Screen chamber door with safe viewing window

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