NBC MESHTEC AMERICAS

nbcmeshtec.com
info@nbcmeshtec.com

US (800)235-5056
Int'l (630)293-5454
Fax (630)293-5647

product solution

SignTronic StencilMaster® STM-XS Series

The STM-XS Series represents an entry-level direct exposure system that is specifically designed for smaller screens. It is designed with a fixed frame positioning system and does not possess the IN-LINE automation capabilities of other SignTronic models.

Frame positioning can be customized to ensure perfect screen registration, and multiple smaller screens can be simultaneously exposed.

The STM-XS Series offers two options for the UV light source: A conventional CPL 330W UV lamp, or SignTronic's UV-LED DUO unit. While both options provide optimized UV exposure levels, the CPL 330W lamp emits a wider range of the UV spectrum, allowing for better performance with dual cure emulsions and a wider variety of meshes.

Additionally, the optional Remote Image Control Board (RICB) provides a simple and efficient means of monitoring and maintaining a high quality exposure. Each time an STM-XS Series unit is switched on, the RICB automatically measures the distance between the exposure head and the screen, as well as other important optical parameters, and makes any needed adjustments. This process can be repeated throughout extended runs to ensure consistent exposure. It can even compensate for bowed screens.

FEATURES

- Rugged, high quality construction
- Front loader design for optimal handling
- Multiple image production for smaller screens
- Bidirectional imaging technology

PURCHASING OPTIONS

STM-XS_S

- Max screen size (H x W): 47.2″ x 47.2″ (1200 x 1200 mm)
- Max exposure size (H x W): 39.3″ x 39.3″ (1000 x 1000 mm)

Information and pricing current as of 8/5/2021

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SignTronic StencilMaster® STM-XS Series

- Standard resolution of 1270 dpi, upgradeable to 2400 dpi (HR2) or 3040 dpi (HR3)

STM-XS_L

- Max screen size (H x W): 47.2″ x 63″ (1200 x 1600 mm)
- Max exposure size (H x W): 39.3″ x 63″ (1000 x 1600 mm)
- Standard resolution of 1270 dpi, upgradeable to 2400 dpi (HR2) or 3040 dpi (HR3)

PRODUCT OPTIONS

RIP software

Colorgate Productionserver (SignTronic Edition)

Proofing software

FirstPROOF PRO

Process control

RICB (Remote Image Control Board)

UPS (Un-interruptible Power Supply)

Available upon request

Enhanced Resolution

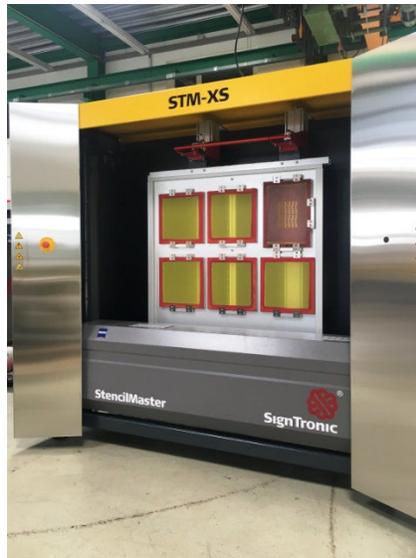HR2 (2400 dpi), HR3 (3040 dpi)

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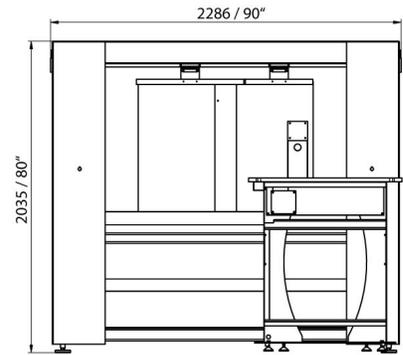
product solution

SignTronic StencilMaster® STM-XS Series

PRODUCT IMAGES

SignTronic StencilMaster® STM-XS Series with Desk
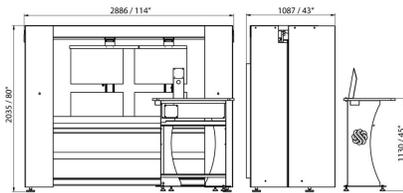

STM-XS-S Dimensions (mm / inch)

STM-XS-L Dimensions (mm / inch)

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