

StencilMaster® STM-XS

DIGITAL SCREEN MAKING *for small-format screens*

In the wide variety of screen printing applications, every small- and very small format printing process is a special application. This because, almost every product has its very own frame sizes and profiles.

With custom made Adaptor- or so called Masterframes, those unique frames fitted into the StencilMaster® ever since. But especially for those applications, which are low on daily screen quantity, or not capable for a fully automated stencil making process, SignTronic developed the STM-XS direct exposing system.

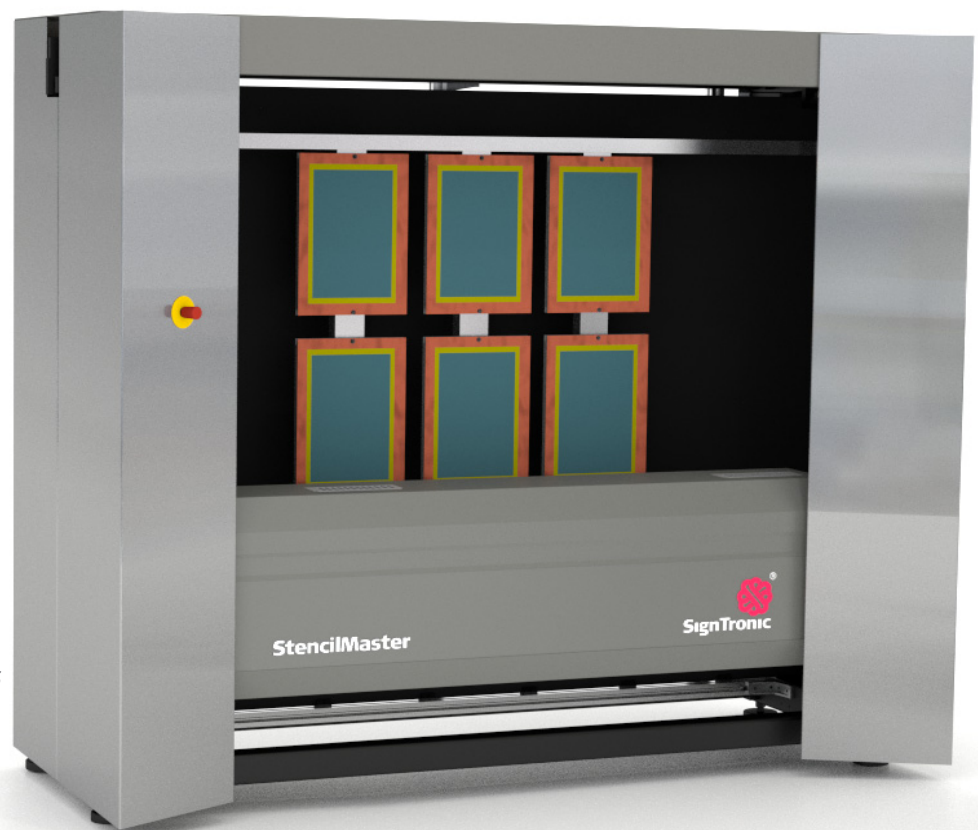
With the STM-XS, also smaller companies (though in terms of screen quantity) are now able to step up in the world of highest quality – film free stencil making!

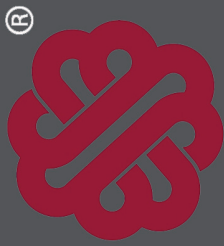
The STM-XS system is designed with a fixed frame positioning system and without In-Line automation capabilities. The frame positioning will be adapted on each machine upon customer's requirements. That guarantees the same advantages in terms of repeatable imaging quality and perfect screen registration like with any other StencilMaster® system.

To reach the high imaging resolution and high exposing speed, a StencilMaster® stands for, the STM-XS system is working with the proven, *uniquely SignTronic*, horizontal exposing axis and bi-directional imaging technology.

The STM-XS system is available in two machine sizes and two different imaging resolutions. If your requirements for exposing quality will rise, the standard resolution system of 1270 dpi is also upgradable to the 2400 dpi high resolution system at any time later.

*Rigid Tubes
BluRay Discs
Glass Bottles
Flexible Tubes
Plastic Bottles
Compact Discs
Parfum Flacons
Drinking Glasses
Promotional Products
and many more...*





Technical Specifications / STM-XS

Technical Data	STM-XS-S	STM-XS-L
Machine height	2034 mm (80")	2034 mm (80")
Machine width	2286 mm (90")	2886 mm (114")
Machine depth	1081 mm (43")	1081 mm (43")
Net. weight	ca. 1800 kg (3970 lbs)	ca. 2000 kg (4410 lbs)
Max. imaging area over all (H x W)	1000 x 1000 mm (39" x 39")	1000 x 1600 mm (39" x 63")
Screen capability	Depending on screen sizes (max. 6 / 8 recommended)	
Screen positioning	Manual front loading > Fixed mechanical registration and mechanical clamping (upon customer requirements)	
Available resolution	1270 dpi or 2400 dpi	
Light source	UV-Lamp 330 W (UHP)	
Ave power consumption	1100 W	
Data connection	Ethernet 1-Gbit	
Remote service connection	Included via Ethernet data interface (Internet connection required)	
OS	Windows 7	

Technical Requirements	
Electrical supply	208-240 VAC / 50-60 Hz / 16A
Compressed air supply	20 l/min (50 ft3/h) at 6 bar (87 psi)
Compressed air quality class	ISO 8573-1 4.4.4
Room conditions	Yellow light, dust free, vibration free floor
Floor load	600 - 1000 kg/m2 (110 - 180 lbs/ft ²)
Ambient temperature	18 - 24° C (65 - 75° F)
Relevant humidity	25 - 75 %, not condensating
Required data format	1-bit TIFF

Options	
RIP software	Colorgate Productionserver PS8 / SignTronic Edition
Proofing software	FirstPROOF 6 pro
Process control	SignTronic RICB
Service / maintenance contract	Upon Request
Uninterruptable power supply	Upon Request

Technical data is subject to modifications. /V07.07.2014

STM-XS-S

STM-XS-L

