SIGNTRONIC · SWITZERLAND

SIGNTRONIC STM-D SERIES

PRE-PRESS / COMPUTER-TO-SCREEN



OVERVIEW

Modular CtS concept for large frame formats – expandable up to full IN-LINE integration.

BRAND	SignTronic
COUNTRY	Switzerland
MODEL	STM-D Series
SERIES	StencilMaster D-Series (Generation 4)
CATEGORY	Pre-press
TYPE	Computer-to-screen

01 SPECIFICATIONS

Max. screen format (H x W)	from 1200 x 1400 up to 3800 x 4600 mm
Max. exposure format (H x W)	from 1000 x 1000 mm up to 3600 x 4100 mm
Frame / exposure format per type (W x H)	STM-1010 1400x1200 / 1000x1000; STM-1612 2100x1400 / 1600x1200; STM-1616 2100x1800 / 1600x1600; STM-2310 2800x1200 / 2300x1000; STM-2316 2800x1800 / 2300x1600; STM-2320 2800x2200 / 2300x2000; STM-2720 3200x2200 / 2700x2000; STM-3124 3600x2600 / 3100x2400; STM-4126 4600x2800 / 4100x2600; STM-4136 4600x3800 / 4100x3600
Resolution	1270 dpi; HR1, HR2 and HR3 on STM-1010 to STM-2316; HR1 on STM-2320 to STM-4136
Imaging speed	up to 650 mm/sec, up to 40 m²/h
Loading	Automatic positioning; loaded and unloaded from both sides
Machine dimensions (H x W x D) / weight	STM-1010 2000x2400x1500 mm, 1400 kg; STM-1612 2160x3040x1500, 1550 kg; STM-1616 2560x3040x1500, 1600 kg; STM-2310 2000x3740x1500, 1650 kg; STM-2316 2560x3740x1500, 1700 kg; STM-2320 2960x3740x1500, 1750 kg; STM-2720 2960x4140x1500, 2000 kg; STM-3124 3360x4540x1500, 2300 kg; STM-4126 3560x5540x1500, 3200 kg; STM-4136 4560x5540x1500, 3350 kg
IN-LINE capability	All StencilMaster D-Series can be integrated into an IN-LINE system
UV light source	LED_Q4 (Gen6), CPL 330 W or UV-LED DUO (385 nm / 405 nm)
Software	STPrint V.4 (including complete IN-LINE installations); RIP: SignTronic ST.Rip
Required data format	1 Bit TIFF
Operating system	Windows 11
Power consumption	1100 VA
Power supply	220 - 240 V / 50 - 60 Hz / 16 A
Compressed air	max. 50 l/min at 6 bar

Specifications are taken from the manufacturer's published data and may change. Confirm the configuration for your job with Sunstar before ordering.

Room conditions	Yellow light, dust-free, free of condensates, vibration-free floor; 18 - 24 C; 25 - 75 % rH
Options	RICB (Remote Image Control Board); other StencilMaster sizes on request; customised service contracts

02 FEATURES

- MODULAR CtS CONCEPT / Generation 4 Technology
- Exposure speed: up to 650 mm/sec
- High-quality exposure head with a guaranteed resolution of 1270 dpi
- UV light sources based on the MODULAR CtS CONCEPT: LED_Q4, CPL lamp or LED DUO guarantee perfect exposure for almost all meshes and emulsions
- One hundred percent precision for the image positioning on the screen, thanks to laser recording
- Designed for future upgrading from a stand-alone CtS exposure system into a fully automated IN-LINE overall (modular) system

03 APPLICATIONS

Large frame formats | Industrial and graphic screen printing | In-line automation

SUPPLIED IN INDIA BY SUNSTAR GRAPHICS

Installation, operator training, spares and service from Mumbai.

Send your material, print size and volume per hour for a quotation in rupees.

+91 98203 61705 · SALES@SUNSTARGRAPHICS.COM

PRODUCT PAGE

Specifications are taken from the manufacturer's published data and may change. Confirm the configuration for your job with Sunstar before ordering.