



smartLEX696x

- Do-It-Yourself Installation
- Plug & Play
- No Training Required

# smartLEX 696x

The laser exposure integrates the advantages of the optical exposure of a screen with those of the digital laser technology.

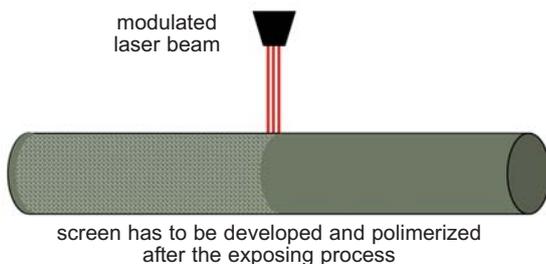
The screen made by multi-beam smartLEX is coated with a photo-sensitive lacquer. Stork Prints smartLEX carries out the exposure by hardening the lacquer covering the non-image areas of the lacquer by laser, while the screen revolves at high speed. Thanks to a very focused steady and automatic calibrating UV-laser system, the image is created by direct exposure in a single step with great accuracy.

## Benefits of the multibeam smartLEX:

- very easy operation via touch screen
- do-it-yourself installation
- plug&play, no training required
- superior quality at an economical price
- standard UV emulsions
- no ink no wax consumption
- patented system
- remote control
- very low energy consumption

## WHAT IS LASER EXPOSING?

Exposing of the negative image of a printing form by means of a number of laser diodes.



As a result of low power input, no water cooling is necessary. With the multibeam LEX the laser exposure is in all aspects a superior technology.

The Windows based software of this machine is completely userfriendly. The operation via touch screen is self-explanatory. The status of the screen imaging process is continuously displayed on the monitor. The software includes a tested raster list for an on-the-fly raster.



## Technical specifications

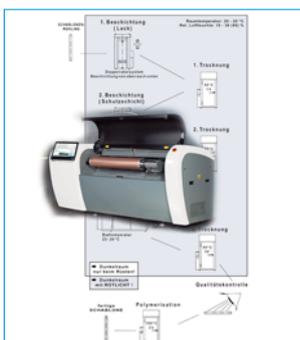
## smartLEX 696x

Laser	UV source multibeam
Exposure resolution (variable in x + y)	1000 - 2540 dpi
Exposure time (R640/1750)	~ 18 min.
Lacquer used	UV sensitive standard*
Repeat size	640 - 1168 mm
Screen length 6962	150 - 2100 mm
Screen length 6963	150 - 3500 mm
Supported file formats	.tif .lyr .bmp .pub .png (.pdf optional)
Ambient conditions	clean and air conditioned dark room with yellow light wavelength $\geq 575$ nm
Room temperature	16 - 25 °C
Relative air humidity (non-condensing)	20 - 60 %
Power input	max. 1,5 kVA
Dimensions / Weight 6962 (LxWxH)	4000x1200x1500 mm / 1260 kg
Dimensions / Weight 6963 (LxWxH)	5453x1200x1500 mm / 1620 kg

\* recommended STORK SCR 100 or SCR 64

## smartLEX - thematic focus

### EASY TO INTEGRATE TO EX. WORKFLOW



### QUALITY



### VERY EASY OPERATION VIA TOUCH SCREEN

