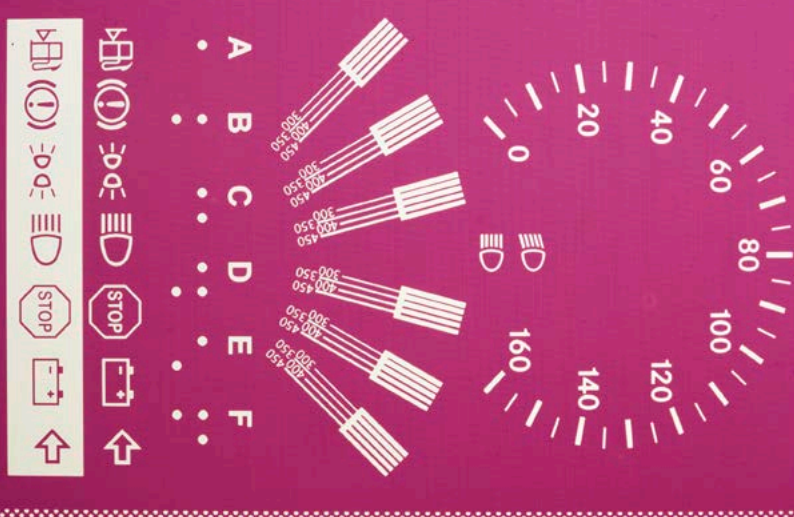


# JetScreen! CS

Ultra-compact CtS System with UV Laser diodes for high-end screen production



- LÜSCHER OPTIC SYSTEM WITH RESOLUTION OF 635 / 1270 / 2540 / 5080 DPI
- MAINTENANCE-FREE FIBRE COUPLED UV LASER DIODE TECHNOLOGY
- FULLY AUTOMATIC CALIBRATION OF LASER DIODES PRIOR TO EVERY EXPOSURE
- ULTRA-LONG SERVICE LIFE OF LASER DIODES WITH MORE THAN 20'000 EXPOSING HOURS
- DYNAMIC AUTOFOCUS
- OUTPUT PERFORMANCE UP TO 35 M2/H (DEPENDING ON AMOUNT OF LASER DIODES AND RESOLUTION)
- HIGHEST ENERGY OUTPUT ON SCREEN
- STANDARD EMULSIONS (DUAL-CURE), THICK LAYERS AND CAPILLARY FILMS CAN EASILY BE FULLY CURED
- NO CONSUMABLES
- LOWEST MAINTENANCE AND ENERGY COSTS, LOWEST COST OF OWNERSHIP
- AUTOMATIC SCREEN FEED (OPTIONAL)



## Technical Specifications

	Max. frame size	Max. exposing area	Machine dimensions (L x W x H)	Weight
<b>JetScreen! CS (side loading)</b>	1300 x 1450 mm (51.1 x 57.1 inch)	1300 x 1410 mm (51.1 x 55.5 inch)	2495 x 1300 x 2115mm (98.2 x 51.2 x 83.3 inch)	1850 kgs (4078 lbs)
<b>JetScreen! CS (front loading)</b>	1300 x 1400 mm (51.1 x 55.1 inch)	1300 x 1360 mm (51.1 x 53.5 inch)	2495 x 1300 x 2115mm (98.2 x 51.2 x 83.3 inch)	1800 kgs (3968 lbs)

Resolutions	635 / 1270 / 2540 / 5080 dpi
Productivity	up to 35 m <sup>2</sup> /h (depending on amount of laser diodes and resolution)
Laser type	UV, 405 nm
Number of lasers	32 / 64 / 80 / 96 / 112 / 128
Data format	1 Bit Tiff
Autofocus	Dynamic focus standard
Power supply	3 x 400 V + N + PE, 50–60 Hz, 32 A, 2 kW
Air supply	6–10 bar, 20 l/min
Ambient conditions	50–65% humidity at 18–25°C (64.4–77 ° F)
Room conditions	yellow light, vibration-free floor

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