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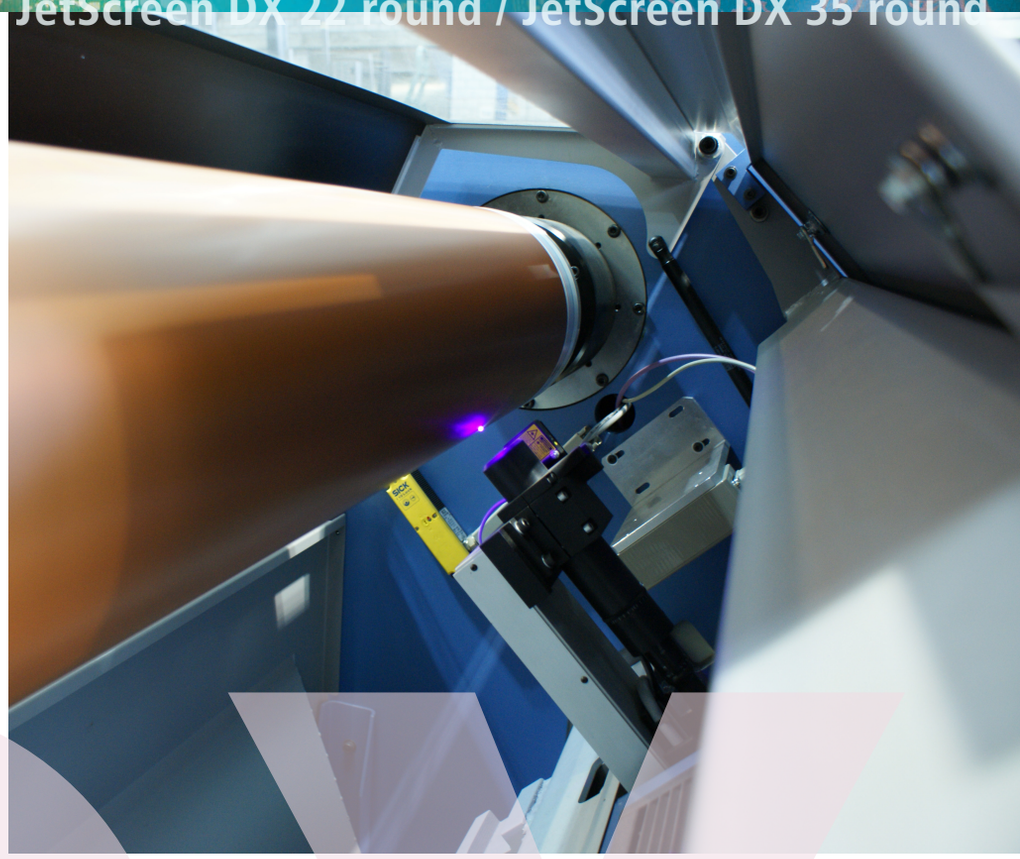
1 | 2

JetScreen DX round

Swiss CTS direct exposure system.
Lüscher's advanced blue laser technology for rotary screens.



Profit from Lüscher's innovation in direct laser exposure of screens, derived from our long experience in textile printing.

Lüscher's revolutionary exposure technology combines unrivalled output quality with an unbeatably short exposure time. In addition, it will reduce your operating costs and requires minimal maintenance.

Using our patented **blue laser technology,** the JetScreen DX round will consistently image your Diazo photo-emulsions, laser engraver lacquers, and other conventional screen emulsions.

The JetScreen's self-calibration technology delivers production consistency from job to job, and into the future. This directly translates into less waste and a higher yield from printing, with more profit to your business.

JetScreen DX round requires no additional steps, no other associated systems such as cooling or exhaust systems, and operates cost-effectively with extremely low energy consumption.

Exposing a 640mm repeat on a screen length of 2000mm in under 5 minutes, our unique **'on-the-fly' RIP software** allows you to minimise the complexity of PrePress work by allowing you to directly generate greyscale separations.

Additional textile-specific capabilities are also integrated into the front-end software so customers have a complete solution.

The **modular** JetScreen DX round system is available in two lengths with a choice of number of laser diodes: choose what is best for your requirements.

- **High Performance**
- **New standards in Quality**
- **Low operating and maintenance costs**
- **Simple and Ergonomic**

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JetScreen DX round

Specification item	JetScreen DX 22 round JetScreen DX 35 round
Technical datas	
Maximum screen length	2200 mm / 3500 mm
Maximum repeat	1168 mm
Technology	Direct exposure with blue-laser diodes (405nm). Laser beam is transmitted directly through glasfibres & short optical lense system.
Resolution	1200 dpi
Repeatability tolerance	+/- 0.02 mm
Number of laser diodes	16 or 32
Interface	Optical data interface
Integrated output station	Windows-based
Focus control	Laser sensor controlled
Data format	1 Bit TIFF, 8 Bit TIFF
Technical connections	3 x 400V / less 1.5kW
Environmental conditions	Screen production in yellow light 50 - 65% air humidity at 18 - 25°C
Services	Worldwide service Telephone support, Remote service

SWISS CTS

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