Direct-to-Screen System

Spyder II

- • Bi-Directional Printing
- • Eliminates Film
- • Reduced Labor Costs
- • Precision Placement
- • Faster Press Setup
- • Improved Quality
- • Reduced Exposure Times

EXILE's new Spyder II direct-to-screen printer provides the ultimate in quality, while simplifying the process of creating screen masks. This high-resolution device can image screens at over two square feet per minute for extremely fast throughput. Perfect for the busy screen room, or any screen printer that is looking to eliminate film, reduce labor, speed up job turnaround, and improve print quality.

The Spyder II has a new, streamlined interface with easy to use touch screen controls. It boasts increased speed, resulting in improved through-put and greater mechanical and production efficiency, while simultaneously offering improved print quality with enhanced dot placement. With fewer, and newer electronics, the new Spyder II provides a simplified structure, improved performance, control and long term reliability.

The Spyder II uses heated wax ink with a robust, phase change inkjet head technology, to place a high-density image directly onto a coated screen. The system can print up to 1200 dpi, allowing halftone frequencies of up to 110 lpi. The Spyder II 30 supports standard frames up to 30" x 40", while the larger Spyder II 52 supports frame sizes up to 54" x 46".

A full-featured Harlequin RIP is included to provide extremely fast and reliable file output. The Spyder II will also accept 1-bit tiff files from any other RIP so it will easily fit into an existing pre-press workflow.

Backing the system is EXILE's outstanding service and support. Whether onsite, over the phone or web, our technicians are sure to keep you printing smoothly and efficiently.

Contact us to find out more about the Spyder II DTS.

EXILE

TECHNOLOGIES

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Direct-to-Screen System

Equipment Specifications

Model	Spyder II Direct-to-Screen system
Technology	Phase-change inkjet / Solid ink
Resolution	600 dpi and 1200 dpi
Halftone Capability	75 lpi @ 600 dpi / 110 lpi @ 1200 dpi
Imaging Speed	Approximately 2.4 sq ft/min (13 sq m/h) @ 600 dpi Approximately 1.5 sq ft/min (8 sq m/h) @ 1200 dpi
Accuracy	.001" from screen to screen
Power Requirements	120v/220v 50-60 HZ 15 amp
Compressed Air	Required
Network	Ethernet
Operating Temperature	50°F to 86°F / 10°C to 30°C
Operating Humidity	35% to 75% non-condensing
Ink Type	Solid block / Water dispersable photo resist mask

Model	**Spyder II DTS 30**	**Spyder II DTS 52**
Max Media Size	30"x 40" (76 cm x 101 cm)	54"x 46" (137 cm x 116 cm)
Max Image Size	25"x 30" (63 cm x 76 cm)	50" x 40" (127 cm x 102 cm)
Dimensions	32" x 49" x 61" (79 cm x 124 cm x 155 cm)	32" x 80" x 61" (79 cm x 203 cm x 155 cm)
Weight	300 lbs (136 kg)	340 lbs (150 kg)

RIP Specifications

RIP Type	RTI Harlequin RIP
Platform	Mac and PC available
Screening	AM and FM (stochastic) screening available
Input File Formats	Postscript III, PDF, EPS, TIFF
RIP Options	Auto Trapping, Color Management / Proofing, Hybrid Screening