LIBERATOR XE

WIDE-FORMAT THERMAL IMAGESETTERS

EXILE
T E C H N O L O G I E S

ULTIMATE PREPRESS SOLUTION FOR THE SCREEN PRINTING, SIGN AND BANNER, POP AND CORRUGATED INDUSTRIES

A QUICK LOOK

- 18, 28.5, 36, 42 AND 54" MEDIA WIDTHS
- 1200 DPI RESOLUTION
- IMAGING OF UP TO 6 INCHES PER MINUTE
- CLOSED LOOP REGISTRATION (CLR) CONTROL
- MULTI-LEVEL PULSING (MLP)
- ENHANCED NIB MANAGEMENT (ENM)
- HARLEQUIN OR SCREENMAKER RIP WITH MEDIA SAVING
- CHEMISTRY, DARKROOM AND PROCESSOR-FREE
- NO INKS, TONERS, CAMERAS OR DISPOSAL COSTS
- AUTOMATIC MEDIA CUTTER
- IN-HOUSE PRODUCTION CONTROL
- SIMPLE, HANDS-OFF OPERATION
- LOW MAINTENANCE

The high performance, 1200 dpi Liberator XE Wide-Format Thermal Imagesetters enable you to produce superb quality film separations right in your own shop—without a darkroom, processor, and chemicals. EXILE helps you to deliver those more demanding jobs efficiently while producing full-size film up to 54 inches wide. That is about 4 times bigger than other conventional products currently on the market.

EXILE's thermal imagesetter technology offers clear, compact, environmentally-friendly solutions to artwork production, enabling you to eliminate outsourcing of large-format films and bring production control in-house. EXILE's unique, chemistry-free, dry-imaging ThermoImpression® film requires absolutely no fixers, developers, inks or toners while providing UV densities that exceed industry standards.

FILM UP TO
54 INCHES
WIDE

The Liberator XE Series is built using EXILE's innovative and proprietary technologies, including: Closed Loop Registration (CLR) control for accurate registration overlay, Multi-Level Pulsing (MLP) for superior dot quality, and Enhanced Nib Management (ENM) to provide smooth, high-quality images every time.

Liberator XE ThermoImpression Systems include the choice of two high performance RIP options, including a Harlequin® ScriptWorks® RIP Management System available on either a PC or Macintosh platform. This forward thinking, trouble-free fully featured RIP is PostScript compatible and is fully compliant with PostScript Language Level 3 specifications, the latest version of the PostScript page description language (PDL). EXILE's 'in-house' SCREENMAKER RIP is also available as a lower cost option. Each system includes media saving functions and can be customized with pre-press options such as trapping, proofing, and specialised screening to fit your requirements.

OPERATING REQUIREMENTS	
Voltage	115 or 230 VAC (Auto-switch)
Frequency	50-60 Hz
Power Usage	90 Watts idle mode, 1,000 Watts plot/print mode
Printhead Type	Piezoelectric DOD, 8 channels, 180 nozzles per channel
Temperature	Operating: 60° to 80° F (15° to 27° C) Storage/Shipping Range: 14° to 158° F (-10° to 70° C) Humidity: 5 to 95% non-condensing
Media Temperature	Operating: 60° to 80° F (15° to 27° C) Storage/Shipping Range: 14° to 86° F (-10° to 30° C) Humidity: 5 to 95% non-condensing

TECHNICAL SPECIFICATIONS

Printhead Configuration	Single-substrate, linear array
Printable Method	Direct thermal technology
Resolution	600 x 600 or 1200 x 1200 dpi
Printhead Type	Piezoelectric DOD, 8 channels, 180 nozzles per channel
Film Drive	Stepper motor
Paper Type	ThermoImpression™ Proofing Media
Paper Length	200 foot roll
Film Type	ThermoImpression™ Polyester Film
Film Length	200 foot roll
Optical Density (Film)	4.0 typical (UV)
Registration Accuracy	± 0.01 % (Measured at a length of 60 inches)

IMAGESETTER MODEL SELECTION CHART

Model	Liberator XE 1812	Liberator XE 2812	Liberator XE 3612
Media Width	18.25 in (46.35 cm)	28.5 in (72.4 cm)	36 in (91.44 cm)
Plot Width	17.92 in (45.52 cm)	28.16 in (71.53 cm)	35.84 in (91.04 cm)
Plot Rate 600 DPI	6.14 in/min (15.6 cm/min)	6.14 in/min (15.6 cm/min)	6.14 in/min (15.6 cm/min)
Plot Rate 1200 DPI	3.07 in/min (7.8 cm/min)	3.07 in/min (7.8 cm/min)	3.07 in/min (7.8 cm/min)
Height	11 in (27.9 cm)	11 in (27.9 cm)	11 in (27.9 cm)
Width	29 in (73.7 cm)	37.5 in (95.3 cm)	45 in (114 cm)
Depth	21 in (53.3 cm)	21 in (53.3 cm)	21 in (53.3 cm)
Net Weight	110 lb (50 kg)	130 lb (59 kg)	155 lb (70 kg)

Model	Liberator XE 4212	Liberator XE 5412
Media Width	42 in (106.68 cm)	54 in (137.16 cm)
Plot Width	41.81 in (106.20 cm)	53.76 in (136.55 cm)
Plot Rate 600 DPI	6.14 in/min (15.6 cm/min)	6.14 in/min (15.6 cm/min)
Plot Rate 1200 DPI	3.07 in/min (7.8 cm/min)	3.07 in/min (7.8 cm/min)
Height	11 in (27.9 cm)	11 in (27.9 cm)
Width	53 in (135 cm)	63 in (160 cm)
Depth	21 in (53.3 cm)	21 in (53.3 cm)
Net Weight	185 lb (84 kg)	232 lb (105 kg)

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LIMITED WARRANTY
EXILE Technologies warrants these products to be free from defects in material and workmanship for a period of one year from date of shipment. Use of media not approved by the manufacturer voids the warranty of the printhead. Specifications are subject to change without notice.

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