

# WIDE-FORMAT THERMAL IMAGESETTERS LIBERATOR™ XE

FILM UP TO 54 INCHES WIDE

**TRUE  
1200 DPI  
RESOLUTION**

**Direct Film Imaging  
NO Darkroom  
NO Processor  
NO Chemicals**



**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 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



**T**he 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, without a processor and without 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 ThermolImpression® film requires absolutely no fixers, developers, inks or toners while providing UV densities that exceed industry standards.

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 ThermolImpression Systems include 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). Each system includes media saving functions and can be customized with trapping, proofing, and specialized screening to fit your requirements.

**The bottom line:** accurate registration, higher performance, versatility and flexibility.

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## FILM UP TO 54 INCHES WIDE

### SPECIFICATIONS

<b>Printhead Configuration</b>	Single-substrate, linear array
<b>Printing Method</b>	Direct thermal technology
<b>Resolution</b>	600 x 600 or 1200 x 1200 dpi
<b>Film Drive</b>	Stepper motor
<b>Paper Type</b>	Thermolmpression™ Proofing Media
<b>Paper Length</b>	200 foot roll
<b>Film Type</b>	Thermolmpression™ Polyester Film
<b>Film Length</b>	200 foot roll
<b>Optical Density (Film)</b>	4.0 typical (UV)
<b>Registration Accuracy</b>	± 0.01 %*

\*Measured at a length of 60 inches

### OPERATING REQUIREMENTS

<b>Voltage</b>	115 or 230 VAC (Auto-switch)
<b>Frequency</b>	50-60 Hz
<b>Power Usage</b>	90 Watts idle mode 1,000 Watts plot/print mode
<b>Temperature</b>	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
<b>Media Temperature</b>	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



### IMAGESETTER MODEL SELECTION CHART

Model	Liberator XE 1812	Liberator XE 2812	Liberator XE 3612	Liberator XE 4212	Liberator XE 5412
<b>Media Width</b>	18.25 in (46.35 cm)	28.5 in (72.4 cm)	36 in (91.44 cm)	42 in (106.68 cm)	54 in (137.16 cm)
<b>Plot Width</b>	17.92 in (45.52 cm)	28.16 in (71.53 cm)	35.84 in (91.04 cm)	41.81 in (106.20 cm)	53.76 in (136.55 cm)
<b>Plot Rate</b>	6.14 in/min	6.14 in/min	6.14 in/min	6.14 in/min	6.14 in/min
<b>600 dpi</b>	(15.6 cm/min)	(15.6 cm/min)	(15.6 cm/min)	(15.6 cm/min)	(15.6 cm/min)
<b>Plot Rate</b>	3.07 in/min	3.07 in/min	3.07 in/min	3.07 in/min	3.07 in/min
<b>1200 dpi</b>	(7.8 cm/min)	(7.8 cm/min)	(7.8 cm/min)	(7.8 cm/min)	(7.8 cm/min)
<b>Height</b>	11 in (27.9 cm)	11 in (27.9 cm)	11 in (27.9 cm)	11 in (27.9 cm)	11.25 in (28.6 cm)
<b>Width</b>	29 in (73.7 cm)	37.5 in (95.3 cm)	45 in (114 cm)	53 in (135 cm)	63 in (160 cm)
<b>Depth</b>	21 in (53.3 cm)	21 in (53.3 cm)	21 in (53.3 cm)	21 in (53.3 cm)	21 in (53.3 cm)
<b>Net Weight</b>	110 lb (50 kg)	130 lb (59 kg)	155 lb (70 kg)	185 lb (84 kg)	232 lb (105 kg)

Specifications are subject to change without notice.

### LIMITED WARRANTY

EXILE Technologies warrants this product (excluding printhead) to be free from defects in material and workmanship for a period of one year from date of shipment. The thermal printhead is warranted for a period of three months from date of shipment.

*Thermal printhead warranty may be extended to a full year with the execution of a film supply contract.*



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