

LIBERATOR

THERMOIMPRESSION IMAGESETTERS

The **LIBERATOR XE** range of ThermoImpression® Imagesetters are the professionals choice for Pre-Press film output.

For Screen, Flexo and Pad Printing, **LIBERATOR XE** Imaging systems produce fast, high quality output of full width Film Positives and Negatives up to 54" (137cm) wide.

Closed Loop Registration (CLP) ensures accurate film registration every time. The **LIBERATOR** system will allow you to produce immediate, on-demand films in-house, ready for immediate use without a darkroom, processor or chemicals.

EXILE Technologies thermal printheads offer a clean and compact solution for film output, enabling you to eliminate outsourcing and bring Pre-Press control in-house. **EXILE**'s unique ThermoImpression film requires no chemicals, inks or toners and provides a superior UV density exceeding industry standards.

All **LIBERATOR** Imagesetters come complete with a fully featured Harlequin RIP System for Windows or Mac OSX.

The Harlequin RIP software is fully compliant with PostScript Level 3 specifications and includes sophisticated Colour Separation and Half-toning features to give you full control over your Pre-Press workflow. Density calibration, Media Saving and a PDF Proofing tool are also included. Optional add-ons for Colour Management and automated Trapping and are also available.

Marlowe Digital
PRINT - WORKFLOW SERVICE AND SUPPORT

THE PROFESSIONAL PRE-PRESS SOLUTIONS FOR PRODUCING FILM POSITIVES & NEGATIVES

* Environmentally Friendly

Direct Film Imaging needs no Ink, Toner or Chemicals

* Precise Registration Accuracy

Close Loop Registration ensures film separation accuracy to within 0.01%



* Fast Imaging Speed

Between 3" & 6" of film per minute
(78mm - 156mm per min)

* Superior Dot Quality

Dry film imaging ensures clean dot formation with minimal dot gain

PREPRESS SOLUTIONS FOR SCREEN, FLEXO & PAD PRINTING

LIBERATOR XE

THERMOIMPRESSION IMAGESETTERS

Equipment Specifications	
Printing Technology	Direct Thermal - Single substrate linear array
Model Sizes	18", 28", 36", 42" & 54"
Resolution	600 x 600 dpi & 1200 x 1200 dpi
Media Drive	Stepper Motor
Registration Accuracy	0.01%
Plot Rate/Speed	6.14"/min (156mm/min) at 600dpi 3.07"/min (78mm/min) at 1200dpi
Interface	Ethernet or USB
Power Requirements	115 VAC or 220 VAC (Auto-switching) - 50-60 Hz
Power Usage	50 Watts in idle mode, 600 Watts in print/plot mode
Temperature Requirements	Operating: 15°C to 27°C, Storage/Shipping: -10°C to 30°C
Humidity Requirements	5% to 95% non-condensing
Media	Thermolmpression Polyester Film or Thermolmpression Proofing Paper - 200ft (61m) rolls
Film Optical Density	Greater than 4.0 UV

Model Size	Media Width	Image Width	Imagesetter Dimensions (HxWxD)	Net Weight
LIBERATOR XE 1812	18.25" (46.35cm)	17.92" (45.52cm)	11"(27.9cm) x 29"(73.7cm) x 21"(53.3cm)	110 lbs (50Kg)
LIBERATOR XE 2812	28.5" (72.4cm)	28.16" (71.53cm)	11"(27.9cm) x 37.5"(95.3cm) x 21"(53.3cm)	130 lbs (59Kg)
LIBERATOR XE 3612	36" (91.44cm)	35.84" (91.04cm)	11"(27.9cm) x 45"(114cm) x 21"(53.3cm)	155 lbs (70Kg)
LIBERATOR XE 4212	42" (106.68cm)	41.81" (106.2cm)	11"(27.9cm) x 53"(135cm) x 21"(53.3cm)	185 lbs (84Kg)
LIBERATOR XE 5412	54" (137.16cm)	53.76" (136.55cm)	11.25"(28.6cm) x 63"(160m) x 21"(53.3cm)	232 lbs (105Kg)

RIP Specifications	
RIP Type	RTI Harlequin RIP Management System
Computer Platform/OS	Mac OSX or PC Windows
Screening Options	AM & FM (Stochastic) Screening
Input File Formats	Postscript, PDF, EPS, TIFF & JPEG
Optional Features	Auto Trapping, Colour Management, Proofing (PDF Raster Proof included), Hybrid Screening

EXILE Technologies Ltd. warrants this product to be free from defects in material and workmanship for a period of one year from date of shipment. This warranty is inclusive of the thermal printhead subject to the exclusive use of EXILE approved film products in the Imagesetter.



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EXILE TECHNOLOGIES LIMITED
F3 Enterprise Way, Bramingham Business Park
Luton, Bedfordshire, LU3 4BU, ENGLAND
Tel: +44 (0)1582 573980
Fax: +44 (0)1582 574945
www.exiletech.co.uk
sales@exiletech.co.uk