

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.



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



PROFESSIONAL
SERVICES

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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.



PostScript is a registered trademark of Adobe Systems Incorporated.

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