LIBERATOR
THERMOIMPRESSION IMAGESETTERS

LIBERATOR ThermoImpression® Imagesetters are the professionals choice for Pre-Press film output.

For Screen, Flexo and Pad Printing, **LIBERATOR** film output solutions produce fast, high quality imaging 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 out-sourcing 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.

EXILE
TECHNOLOGIES

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

* Enviromentally 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" & 10" of film per minute (78mm - 274mm 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
LIBERATOR GMAX
LIBERATOR GS
THERMOIMPRESSION IMAGESETTERS

EXILE TECHNOLOGIES

Equipment Specifications	XE	GMAX	GS
Printing Technology	Direct Thermal - Single substrate linear array		
Model Sizes	18", 28", 36", 42" & 54"	18", 28", 36", 42" & 54"	18" & 24"
Resolution	600 x 600 dpi & 1200 x 1200 dpi	600 x 600 dpi & 600 x 1200 dpi	400 x 400 dpi & 400 x 800 dpi
Media Drive	Stepper Motor	Stepper Motor	Stepper Motor
Registration Accuracy	0.01%	0.01%	0.0125%
Plot Rate/Speed	6.14"/min (156mm/min) at 600dpi 3.07"/min (78mm/min) at 1200dpi	6.14"/min (156mm/min) at 600dpi 3.07"/min (78mm/min) at 1200dpi	10.8"/min (274mm/min) at 400dpi 5.4"/min (137mm/min) at 800dpi
Interface	Ethernet or USB	Ethernet or USB	VPI via PCI Card
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	ThermoImpression Polyester Film or ThermoImpression Proofing Paper - 200ft (61m) rolls		
Film Optical Density	Greater than 4.0 UV		

Model Range	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)
LIBERATOR GMAX 18	18.25" (46.35cm)	17.92" (45.52cm)	11"(27.9cm) x 29"(73.7cm) x 21"(53.3cm)	110 lbs (50Kg)
LIBERATOR GMAX 28	28.5" (72.4cm)	28.16" (71.53cm)	11"(27.9cm) x 37.5"(95.3cm) x 21"(53.3cm)	130 lbs (59Kg)
LIBERATOR GMAX 36	36" (91.44cm)	35.84" (91.04cm)	11"(27.9cm) x 45"(114cm) x 21"(53.3cm)	155 lbs (70Kg)
LIBERATOR GMAX 42	42" (106.68cm)	41.81" (106.2cm)	11"(27.9cm) x 53"(135cm) x 21"(53.3cm)	185 lbs (84Kg)
LIBERATOR GMAX 54	54" (137.16cm)	53.76" (136.55cm)	11.25"(28.6cm) x 63"(160m) x 21"(53.3cm)	232 lbs (105Kg)
LIBERATOR GS 618	18.25" (46.35cm)	17.92" (45.52cm)	11"(27.9cm) x 29"(73.7cm) x 21"(53.3cm)	110 lbs (50Kg)
LIBERATOR GS 624	24" (60.96cm)	23.6" (59.94cm)	11"(27.9cm) x 33"(83.3cm) x 21"(53.3cm)	120 lbs (55Kg)

RIP Specifications	
RIP Type	RTI Harlequin RIP Management System
Computer Platform/OS	Mac OSX or PC Windows (note: **LIBERATOR GS** is Windows only)
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