

## HARLEQUIN SCREENPRO<sup>™</sup>

Harlequin ScreenPro is a standalone multi-level screening engine that addresses in software many of the quality defects that occur in inkjet printing that can't be corrected mechanically or would be too costly to resolve in hardware. For example it can address chaining and mottling or poor quality barcodes or small text. It achieves this irrespective of other software choices that may have been made.

### USE WITH ANY RIP

ScreenPro can be added to any RIP that can create eight-bit contone output (e.g. Esko, EFI and Sofha). It can be supplied either as a development component or with a full branded user interface that allows input and output folders to be configured. The advantage of this is that if you have a RIP that consumes a PDL that Global Graphics doesn't support like IPDS and AFP, you can still benefit from Global Graphics leading edge screening technology.

### TUNE TO YOUR HARDWARE

Our BreakThrough engineering team will work with you to integrate ScreenPro into your existing workflow and will write output modules to talk to your inkjet head's electronics.

The BreakThrough team has also developed a number of powerful screen generation tools specifically for multi-level screening. The engine even allows for screening patterns that are designed specifically for your press and can work around your own unique challenges.

The ScreenPro engine can be used to generate accurate data for ink estimation calculations and thumbnails for reports.

Multiple ScreenPro engines can be run on the same server or offloaded onto separate computers. This parallel processing of screens leads to blistering speeds especially with dedicated ScreenPro engines driving individual print bars for each color.

## AT A GLANCE



- Ultra high speed multi-level screening engine
- As a standalone screening engine works with any workflow e.g. HYBRID, Esko, EFI, SOFHA
- Produces very smooth images, graduations and flat tints
- Sharp barcodes and small text
- Per inkjet head calibration

## SPECIFICATION

<b>Print Head Technology</b>	Greyscale (multiple dot sizes – 2, 4, or 8 bits per pixel)
<b>Minimum PC requirements (higher specification PCs required for high speed presses and Variable Data Printing)</b>	Windows 7 Professional 64 bit (latest service pack)
	16GB RAM
	Intel Core i7 CPU x64 compatible processor (Intel or AMD), quad-core.
	100GB hard disk (NTFS Volume)
	1280 x 1024 monitor resolution

“ Enables you to address quality issues that can't be fixed mechanically ”

Fundamentals offers inkjet press manufacturers a quicker way to get their presses to market. It is a new concept that combines the software products that are essential to create your Digital Front End with our BreakThrough Engineering Service that helps you overcome the technical hurdles involved in developing a new press



Ask about the Global Graphics  
**BreakThrough** Service

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