



Star Plate

HD films from
Inkjet devices

Star Plate is a digital imaging solution designed for direct inkjet to film, with the ability to produce high quality halftone screening. Using its proven analytical engine "Actual Dot", the system faithfully analyses and reproduces the dots of the RIPped 1-bit data.

Star Plate preserves text and fine lines, right down to 1pt type and is capable of imaging screen rulings up to 200 lpi. A user-friendly interface allows for multiple calibration curves to be generated to suit various press conditions.

Star Plate also has a Press dot gain function which allows current and target data to be

entered to build press dot gain curves. Further adjustments can be carried out quickly and easily to fine tune the calibration data.

ICTF nano-porous films which are available in various gauges and are specially developed for easy handling and storage, help achieve a D.Max of between 3.0 and 4.5.

The Star Plate solution has been created to produce Imagesetter quality positive and negatives from inkjet devices. The resultant high quality and high density films are perfect for Flexo or Letterpress platemaking or for Silk Screen exposure.



Smart Screen



Smart Screen is an award winning Flexo and Letterpress screening technology.

Incorporating Smart Screen into Star Plate allows users to produce high quality screened negatives, perfect for Flexo or Letterpress plate making. The resultant plates display visually superior tonal ranges on press, particularly in highlight areas.

Star Plate is easily implemented into existing workflows and requires minimal changes in Prepress or Print room - either in process or hardware adjustments.

Eco-friendly



Star Plate Inkjet production allows films to be produced under daylight conditions without the need for post processing.

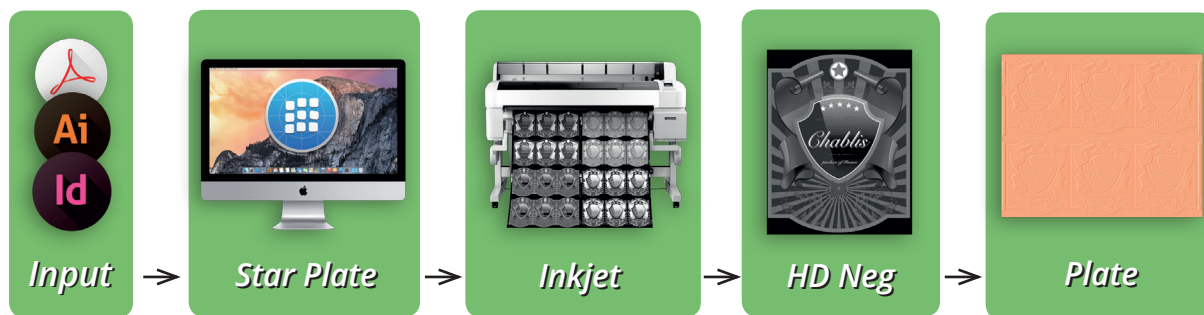
As a result, users not only save production steps but also negate the need for purchase, storage or disposal of development chemistry.

ICTF Film



Star Plate ICTF film has been specially developed to address the requirements of Flexo and Letterpress platemaking.

When used with Star Plate HDi ink, the resultant films provide superb registration with superior vacuum characteristics.



Input File Formats

- Separated Postscript
- Any 1 Bit Tiff

System requirements

- Running on Mac OS 10.8 and above Star Plate is optimized for Quad Core or 6 Core Intel processors.
- Recommended hardware (minimum) - 8GB RAM, 200GB spare hd capacity, 100 Base T Ethernet.

Star Plate vs Imagesetter - Output comparison

| | Star Plate | Imagesetter |
|-------------------|------------------|------------------|
| Output resolution | 1440/2880 dpi | 2400/2540 dpi |
| Film gauge | 135µm/215µm | 140/180µm |
| Negative density | Dmax - 3.0 - 4.5 | Dmax - 4.0 - 5.0 |
| Screening | Up to 200 Lpi | Up to 300 Lpi |
| Film surface | Matte | Matte |

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