

Star Plate CTF - Inkjet film device



- D-Max 3.6 - 4.5
- Matte Film
- HD Scratch resistant ink
- Output max resolution: 2880 dpi
- Optimised Registration
- No Processor or Chemicals required
- PDF Rip
- 610mm (24") and 1118mm (44") width
- Smart Screening optional

Star Plate CTF is a true image-setter replacement solution.

Today tradition film image-setters are still being used however with parts becoming harder to get and the environmental impact of the harsh chemicals used to develop the film these end of life devices are no longer viable.

Star Plate is the answer with specially developed film output device combining high density matte black ink and matte film for high quality films.

Star Plate CTF 610 (24" wide)

Film output speed:

2880dpi x 2880dpi = 32 min 33 secs
 2880dpi x 1440dpi = 18 min 3 secs
 Based on: 610 mm wide x 1 Metre long
 film with full Black ink coverage (Negative)

Ink consumption:

3-4 rolls of 610mm width film for every
 1x HDi 700ml ink cartridge (Negative)

Star Plate CTF 1118 (44" wide)

Film output speed:

2880dpi x 1440dpi = 18 min 3 secs
 Based on: 610 mm wide x 1 Metre long
 film with full Black ink coverage
 (Negative)

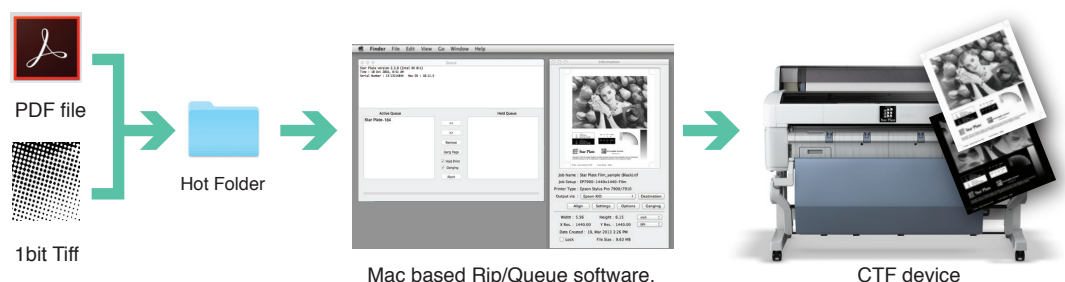
Ink consumption:

1 roll of 1118mm width film for every 1x
 HDi ink 500ml bottle (Negative)

CTF Workflow

Rip minimum hardware requirements:

- Apple iMac 2.7GHz
- Running on Mac OS 10.9 and above
- 8 GB RAM
- 1TB or more of Hard Disk Space
- 100 BASE-T Ethernet
- USB 2 Port

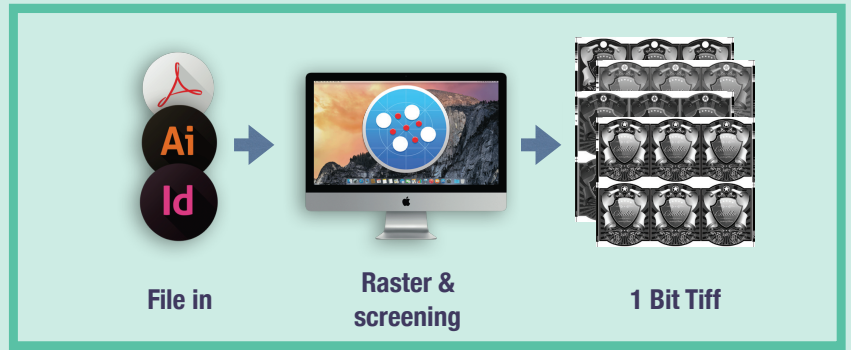


SMART SCREEN RIP

FLEXO & LETTERPRESS SCREENING



- *Standalone Solution*
- *PDF RIP*
- *Full colour RIP preview*
- *MicroCell Screens*
- *Produce visually superior tonal ranges*



OUTPUT RESOLUTION

SCREEN RULINGS

SMART SCREEN

SCREENING

COMPATIBILITY

OUTPUT FILE FORMAT

2000 - 4800 DPI

20 - 250 LPI

FROM 1% - 20%

AM

WORKS WITH ANY DIGITAL IMAGER

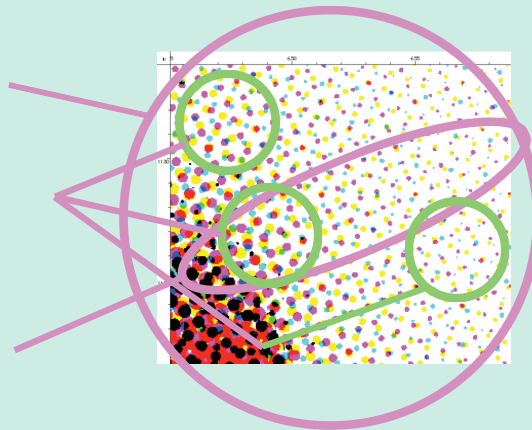
1 BIT TIFF

HOW DOES IT WORK?

IF A JOB IS TO BE SCREENED AT 150LPI

SMART SCREEN MAKES THE HIGHLIGHT AREAS HALF THE SCREEN RULING OF THE MAIN IMAGE (IE 75LPI)

THE TRANSITION BETWEEN 150LPI AND 75LPI IS GRADATED.



SMART SCREEN

This 75lpi screen produces a larger micron dot in the highlight = *More pressure support on press*

But these dots are twice the distance apart compared to 150lpi = *visually good*

And they are supported by "Buddy" dots = *Stability on press*

No FM or Hybrid dots which may deteriorate or break on press = *High Quality AM screening*

