creo

TIFF ASSEMBLER 1.2 SPECIFICATIONS

Current Revision

1.2

Product Description

The Creo TIFF Assembler software is a media optimization application. It includes features and functions that will allow assembly of separations from one job or from multiple jobs on large layout sizes.

Prerequisites

- TIFF Front End Server running Windows NT Server 4.0

Components

Standard Hardware:

- TIFF Assembler Dongle (HASP Key)

Standard Software:

- TIFF Assembler 1.2

Documentation Included:

- TIFF Assembler User Guide
- TIFF Assembler Release Notes

Training Included:

- On-site TIFF Front End Operator training is provided

Input

- 1-bit screened TIFF files, uncompressed
- 1-bit screened TIFF files compressed with the G4 compression format
- 1-bit screened TIFF files compressed with the Packbits compression format

Note: All the above formats can be supplied by RIP engines, such as: Prinergy, Allegro, Barco, PCC, Agfa, and any other generic RIP engine capable of outputting 1-bit screened TIFF files at 2400 DPI.

Note: LZW compression format and Tiled TIFF format are not supported

Output

- 1-bit screened TIFF files, uncompressed
- 1-bit screened TIFF files compressed with the G4 compression format
- 1-bit screened TIFF files compressed with the Packbits compression format

Note: LZW compression format and Tiled TIFF format are not supported

General Functions

- Provides assembly capabilities of TIFF files
- Automatic assembly based on hot folder mechanism or manual assembly

Specific Functions

- Plate size definition based on set plate sizes in the application or custom plate sizes entered by user
- Text identifiers, such as: Plate color, date and time, and file name
- Plate margins definition
- User defines spaces in between images
- Assembly based on grid settings
- Templates setup for layouts
- Automatic arrangement of images on layout
- Trimming and cropping of images

- Image tilling for large jobs
- Image rotation by 90, 180 and 270 degrees
- Mirroring vertically and horizontally
- Single or multiple hot folder mechanism
- Hot folder mechanism includes: automatic input of files, automatic arrangement on layout, and automatic output to file
- Automatic output using the hot folder mechanism can be based either on timeout or on minimum plate coverage
- View of images on layout can be either in layout or preview modes
- Step and repeat of one image to fill media
- Ability to assemble multiple layouts at the same time
- Image properties information window
- Ability to show either full path and file name or file name only of images in the queue window
- Output to TIFF file
- Ability to choose output TIFF file compression
- Ability to output occupied area only or full plate
- Ability to abort output
- Log application, delivers information, warning and error messages to log window
- Save log as file for troubleshooting purposes

Performance

- Input, assembly and output of one 52x80 layout size, that does not includes rotated, mirrored, or cropped images should take no longer then 18 minutes from beginning to end