



APPLICATION

COLLAGE and **COLLAGE-S** (*S* = *Serverless*) software is a very flexible, efficient system for the creation of complex cylinder layouts for packaging printing. **COLLAGE** uses high resolution data and allows a total independent handling and manipulation of image and linework data. It can operate on a centralized basis, to be utilized from different print locations, which can either be served on- or offline. The optional **CCS** archive import module converts existing **CCS** archives via network or offline via CD-ROM. **COLLAGE** can be configured as a client/server system or stand alone under RedHat Linux® (Server) or Windows® 2000. One or several clients can be optionally linked on a single server. **COLLAGE** and **COLLAGE-S**, both require a **RTI** (*Real Time Interface*) engraving controller which is included with a new engraver and embedded with the new engraver types.

Functions

- Creation of complete cylinder forms (step & repeat).
- Mirroring and angle-free turning of single images.
- Comprehensive measuring

function for images and forms.

- Comprehensive gradation adjustments.
- Independent sharpness and quality adjustments.
- Interfaces for data import and export.
Import data formats:
 - TIFF, TIFF-IT, PostScript, PDF and Scitex HandshakeExport data formats:
 - Single element and layout description for engrave controller **RTI**
 - Layout description and jobticket for **LASERSTAR**
 - 8-bit TIFF for Daetwyler controlled engravers
 - 8-bit / 1-bit TIFF for CTP and Flexo
- **COLLAGE-S** supports all Windows-compatible printers.

Highlights

- Preview of actual engraving data, composite or up to 16 colors separated.
- Separate memory manage-

ment for images and processing data.

- Default Editor for setup and edit a database of values for returning engraving parameters and image settings.
- Workflow definition (Hot Folder) to automate the RIP (PostScript level 1, 2 and 3, PDF 1.5) with the following functions:
 - Definition of resolution parameters
 - Rotation over 90, 180 and 270 degrees
 - Mirroring
 - Generating of positive and negative views
 - Queueing of RIP jobs
- TIFF converter (from Daetwyler/OEE in TIFF-formats) with the following functions:
 - Global gamma corrections
 - Sharpness control
 - Set-up of engraving parameters
 - Free angle rotation during conversion
- **COLLAGE** supports all Daetwyler engravers or Daetwyler controlled engravers including the **LASERSTAR** with **SHC** and all TIFF compatible output devices.



SPECIFICATIONS

(Operating System / Hardware, not included in basic delivery package)

COLLAGE Server

- PC Pentium® IV dual processor
- 10/100 MBit ethernet card
- RedHat Linux
- 17" color monitor, keyboard, mouse
- Min. 512 MB RAM per processor
- Min. 80 GB hard disc
- 3.5" floppy drive, CD-R
- External modem for remote service

COLLAGE Client, respectively COLLAGE-S workstation for Windows 2000:

- PC Pentium IV processor*
- 10/100 MBit ethernet card, keyboard, mouse
- 21" color monitor, 24-Bit graphic card
- PC MacLan for network connectivity, Windows services for UNIX (**COLLAGE-S**)
- Min. 512 MB RAM**, min. 40 GB hard disk
- CD-RW Windows-compatible (for back-up)
- 3.5" floppy drive, CD-R
- External modem for remote service (**COLLAGE-S**)

For **COLLAGE-S**, we recommend a *dual processor machine / **min. of 512 MB RAM per processor (1 GB RAM preferred) for performance reasons, even if the PS-RIP is not installed on a separate PC.

Options

- The PostScript RIP can be installed on a separate Windows 2000 server.
- **CCS** archive import module.
- Supporting layout control proofs up to A0 for the following printers:
 - EnCad NovaJet®
 - HP DesignJet®

Security Back-Up

COLLAGE Server / **COLLAGE-S** can be "doubled" for maximum safety, allowing for full function using one system, while the other system is shut off.

SUPPORT

Installation

The installation of the **COLLAGE** / **COLLAGE-S** system requires 1 day. If necessary, Daetwyler can also install the operating system, which requires an additional day.

Training

Training for **COLLAGE** / **COLLAGE-S** is held at the customer's location or in Daetwyler training centers. Complete training for layout software requires 5 days.

Support

With a software maintenance contract, Daetwyler offers remote service diagnostics via modem. This service support requires an available modemline at customer site. Daetwyler also offers a Hotline Support program (requiring a contractual agreement), as well as online documentation. All service and support is performed by qualified Daetwyler technicians.

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