



OptiJetRIP 5.5 - Technical Data Sheet

Versions: BASIC, LITE, PRO & MAX

PRODUCT DESCRIPTION

The Ferrania OptiJet RIP allows screen and offset printers to produce high quality colour separations on a wide-range of inkjet printers using the Ferrania CS Film. Printers equipped with inkjet systems can now avoid the expense of outsourcing separations. OptiJet RIP incorporates a collection of tools that give significant control over key screening parameters. In order to provide maximum flexibility, the software supports both AM or FM screening methods, and it allows images to be separated at the RIP. Among FM screening methods a proprietary "Free Spot" technology is available with enhanced output quality. In addition to providing colour-separation tools, OptiJet RIP is a total print management program that allows printers to optimise inkjet printers for full-colour graphics output, supporting ICC profiles. The OptiJet RIP 5.5 can be updated over the network. The OptiJet RIP 5.5 CD will be packed in a plastic box containing a CD and a Hard Lock Key.

SUPPORTED LANGUAGES

English, Italian, French, Spanish

SYSTEM CONFIGURATION

PC, Intel CORE DUO/CORE 2 DUO, AMD dual Core or more updated processors with Microsoft Windows XP Professional 32bit edition installed.
PC: minimum memory RAM 1GB; hard disk: 7200 rpm and 120GB available on a single partition.
Adobe Reader 8.0 is recommended to verify PDF are made correctly.
If OptiJetRIP is also used for color printing, we advise you to install ICC input on your PC.

SUPPORTED FILE TYPES

Automatic file format recognition
Raster file formats: TIFF, BMP, JPEG, PCD, JPG, RLE.
PostScript 2/3 support including PDF and EPS, PS, DCS, DCS2.0, AI files

SUPPORTED INTERFACES

TCP/IP, USB, Serial, Ethernet, ECP
TWAIN (Scanner, Digital Cameras)

SUPPORTED OPERATING SYSTEMS

Windows: XP Professional, Vista Business

JOB MANAGEMENT

MDI interface with support of Cut & Paste
Fully interface customisation with floating toolbars, menus, short cuts
View designs in Fast layout mode, PostScript mode or Bitmap preview
Preview multiple job on output media
Use of horizontal and vertical guidelines
Zoom in / out / previous / all / printer width / page width
Creation of multiple copies on screen with distance control and the possibility to create cut lines between them
Freely definable size in height, width, and scaling
Mirror and rotation in 90° steps
Centering to roll width and length (for page formats)
Drag and Drop
Adjustable cropping tool to select print areas
AUTODISTRIBUTION: Calculate best distribution of various jobs for material saving
Autodistribution in page mode, distributes one design in each page
Printing of job information and freely definable text
VARIABLE TILING for print large sizes in small panels
AUTOPAGINATION: Automatically splits oversized designs to the media sizes (with adjustable overlaps)
Support of cutting paths for Print&Cut devices by automatic outside path, design colour path or clipping areas
Preview of the cutting path on screen with a dashed line
On screen measuring tool
User definable multiple undo
Crop & Registration Marks
Registration Marks for OPOS cutting plotters, printing automatically dot distance

WORKFLOW

File Browser
Job cue
Rip & Print immediately
Rip then Print
Only RIP and save ripped file.
Support of Print&Cut devices with control of speed and resolution (if available)
Width and length size calibration for exact output sizes

SCREENING SETTINGS

Separated output of all accepted composite file formats
Possibility to send all the separations of different files to a same document for saving media purposes
Definition of separations parameters: Resolution, angle and dot shape
PostScript screening with many predefined spot functions
Inverted screening for Flexo purposes
Linearization via gradation curves
Support of FM Stochastic screening with definable dot size
Support of spot colours from the design
No ink below x% or no ink less than x%
Overlapping control
Save of screening settings
Selectable Registration Marks
Crop marks with control of line thickness and option to shift them inward or outward
Job information

PRINT SCHEMES

Load OptiJetRIP schemes (cps)
Create new scheme with all the printing set-up.
Modify scheme
Save new scheme

COLOUR MANAGEMENT

ICC Colour Management
Open for custom ICC profiles
Linearization via gradation curves
Definition of maximum ink levels
Interactive colour filter for brightness, contrast, gamma and saturation
Render intents for vector and raster separately selectable
Softproof: Displays a simulation of the results in the screen
Proofing via ICC simulation
Support of ICC input profiles selectable separately per RGB, CMYK, GRAY and Hexachrome
Support of embedded ICC input profiles
Possibility to work full colour, full colour without black or gray scale
Support of control GCR / UCR with maximum ink limit selectable separately per vector and raster
Support of spot colours with possibility to change CIE Lab values
Selectable monitor / scanner / proof printer ICC profiles for proofing purposes

MISCELLANEOUS

Support of changing position of colour inks.....
Protected with USB dongle
User manual in pdf format
Multiple ICC and schemes supplied
Included independent spooler

SUPPORTED PRINTERS MAX VERSION

Epson: 4000, 7600, 9000, 9600, 10000, 10600, 4400, 4800, 7400, 7800, 9400, 9800, 4880, 7880, 9880, 11880.
Roland: CammJet CJ-500/60/70/PRO II-CJ 540/540v2, ColorCamm PC 50/PNC 5000/PRO PC 60/600, HiFi Jet FJ 40/42/50/52/PRO FJ 400/500/600/II FJ 540/540v2, SolJet PRO II SC 540/540v2/SJ 1000 EX/540/540v2/740/740v2, VersaCamm SP 300/540V
Encad: Croma 24, Novajet PRO600e/PROe
HP DesignJet: 450C, 2000/2500 CP, 3000/3500 CP, 5000
Mutoh: RJ 4100, RJ 6100, Falcon II RJ 8100
Canon: W6400 PG/Dye, W8400 PG/Dye
Graphtec: SignJet Pro, JX2100/2150
DGI Solvent Printer: Rex RJ-62, VistaJet VT-100, VistaJet VT-92, VT IV 62, VT IV 98
Resolve X21
Unlimited simultaneously addressable printers

SUPPORTED PRINTERS PRO VERSION

Epson: 4000, 7600, 9000, 9600, 10000, 10600, 4400, 4800, 7400, 7800, 9400, 9800, 4880, 7880, 9880.

Roland: CammJet CJ-500/60/70/PRO II-CJ 540/540v2, ColorCamm PC 50/PNC 5000/PRO PC 60/600, HiFi Jet FJ 40/42/50/52/PRO FJ 400/500/600/II FJ 540/540v2, SolJet PRO II SC 540/540v2/SJ 1000 EX/540/540v2/740/740v2, VersaCamm SP 300/540V

Encad: Croma 24, Novajet PRO600e/PROe

HP DesignJet: 450C, 2000/2500 CP, 3000/3500 CP, 5000

Mutoh: RJ 4100, RJ 6100, Falcon II RJ 8100

Canon: W6400 PG/Dye, W8400 PG/Dye

Graphtec: SignJet Pro, JX2100/2150

DGI Solvent Printer: Rex RJ-62, VistaJet VT-100, VistaJet VT-92, VT IV 62, VT IV 98

Resolve X21

Unlimited simultaneously addressable printers

SUPPORTED PRINTERS LITE VERSION

Epson: 3000, 4000, 5500, 7000, 7500, 7600, 4400, 4800, 7400, 7800, 4880, 7880

Canon: W6400 PG/Dye

Unlimited simultaneously addressable printers

SUPPORTED PRINTERS BASIC VERSION

Epson: 3800

Only Separation printing