

functions overview

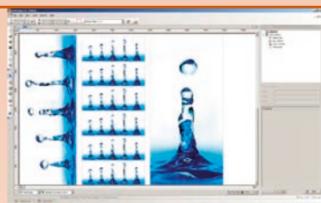
General

- Simple, intuitive and user-friendly interface
- Save and use printing configurations
- Includes a real ink consumption utility
- Total control of printer capabilities
- Powerful postscript interpreter
- Spot color detection and replacement
- Color substitution possibilities
- Proof print option
- Supports most graphic file formats
- Direct rip and print possibilities
- Auto-update through the internet



Editing tools

- Multiple undo, configurable
- Quick viewing and zooming buttons
- Allows rotation, mirroring, scaling, cropping
- Multi-design page layouting
- Very fast design multiply tool
- Automatic or user-definable nesting functions
- Automatic or user-definable panelling
- Color chart generator



Printing control

- Support of direct to printhead color modes
- Add printing information and crop marks
- Printer connections via TCP/IP, USB, Firewire, etc.
- Print-to-File support for specific printers
- Easily select paper sizes in sheets and roll printing
- numerous hotfolders available
- Queue manager and printing control



specifications

Supported printers

Aiona, Almiotek, Atex, ATPCOLOR, Canon, DGI, Encad, Epson, dGen, Dupont, Graphtec, Hollanders, HP, Ichinose, Keundo, Konica-Minolta, La Meccanica, Mimaki, MS, Mutoh, Reggiani, Robustelli, Roland, Tschudi Technology, Vutek

see actual list of printer models on:
www.neostampa.com

Supported file formats

Image formats (BMP, RLE, TIF, JPG, PSD, PSB)
Vector/combined formats (EPS, PS, AI, PDF)
Multichannel formats (DCS, DCS 2.0, PSD)
Layout formats (CP4, CP5)

Supported color spaces

RGB (detects embedded profiles)
CMYK (detects embedded profiles)
Grayscale (detects embedded profiles)
LAB (CIELAB D50, 2°)
Multichannel (channel-to-printhead)

Supported spectrophotometers

Avantes Spectrocam
GretagMacbeth Spetrolino/SpectroScan
GretagMacbeth EyeOne Pro
Xrite DTP 32
Xrite TDP 41
Xrite DTP 51

more will be soon available

Supported operating systems

Microsoft Windows 2000
Microsoft Windows XP
Microsoft Windows Vista
Microsoft Windows 2003 Server

neòStampa is optimized for dual- and multi-core processor

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SOFTWARE
inèdit

Inèdit Software S.L.
Carrer del Rocà, 6
08394 Sant Vicenç de Montalt
Barcelona - Spain

Tel. +34 902 50 30 61
Fax +34 937 91 52 72

www.neostampa.com

Dealer

neòStampa

professional textile rip & print software
with innovative color management

ICC RGB printer profiles

seamless step & repeat

spot color detection and replacement

automated hotfolders

major textile printers supported



SOFTWARE
inèdit

color management

human CMS

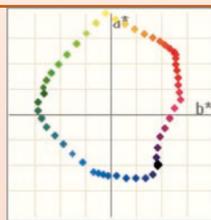
Color management engine with full ICC compliance

The innovative color management engine supports almost any ink combination and allows multicolor calibration through ICC RGB profiles. Supports full soft-proof capabilities and in-gamut processing in various image processing software.

Print what you see with human CMS!

Supported inks are:

Cyan, Magenta, Yellow, Black, Golden Yellow, Orange, Red, Violet, Blue, Green, Gray, Light Gray, Light Cyan, Light Magenta, Light Red, Light Blue, Light Green, Spot Colors, Second Colors

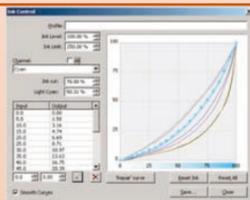


Color control

Ink control and linearization

In digital printing it is very important to control ink usage given that printing is usually performed with far lower ink levels than in conventional printing. nèoStampa permits controlling ink levels in printing in a fast and simple manner and for multichannel printing systems, to linearize the response of each color channel independently.

The full 16-bit color, linearization and raster algorithm provides highest quality results with smoothest shades and gradients.



Color calibration wizard

By help of the easy-to-use color calibration wizard individual calibrations can be done from scratch.

The wizard contains printing parameters, ink cutting, linearization and ink limiting possibilities. In combination with neoprofiler or any other third-party ICC RGB profiling system a complete calibration can be done giving highest color accuracy and best results.



neoProfiler

ICC RGB profile generator

neoProfiler is the state-of-the-art, full ICC compliant RGB profile generation software to create highly accurate and smooth ICC profiles for digital printing.

neoProfiler supports incoming data from various measurement platforms (Xrite ColorPort, Gretag-Macbeth MeasureTool, etc.) and automatically averages several measurement files if required.

Large table creation, optional smoothing factor and the unique hybrid-profile technology allow precise adjustments for individual requirements.



textile printing

Step & repeat

Seamless step & repeat printing for real textile requirements

nèoStampa offers all requirements to create a seamless step & repeated print of a design.

The specially developed algorithm calculates the best correspondance of the last and first pixel of the design to be repeated in all direction. Only with this a real seamless, high-quality printout can be achieved.

Use a fix offset (1/2, 1/3, 1/4, etc.) or an individual drop in vertical or horizontal direction showing it quickly and directly on the rapport layout.

By help of the minimal rapport option one single repeat will be processed and interpolated for high-speed printing.



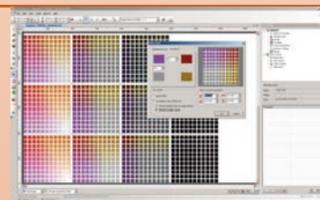
Color chart generator

Generate individual color charts

nèoStampa provides a color chart generator to create and print color libraries. Variations around a desired color with a specific amount of patches can be defined and the generator automatically produces variations.

In addition to this it's possible to set 4 corners with device color data in order to be able to cover all the gamut of the printer using it's direct device channels.

In combination with nèoColorations you can also use the RGB or LAB color libraries that come with the plugin solution of Inédit which is perfectly working with nèoStampa and the human CMS.



productivity

Color substitution

Spot color detection and automatic replacement

nèoStampa automatically detects spotcolor objects in PDF/AI/EPS documents and reassigns the correct LAB value in order to achieve best color-matching results.

Furthermore in nèoStampa it's possible to select a specific color from the design and modify it by assigning a LAB, RGB or CMYK value or even to modify each printhead's color value.

It also permits to read a color by using a spectrophotometer to achieve the exact matching of the measured color.



Workflows

Color-managed workflows

nèoStampa detects embedded profiles and is able to distinguish between incoming RGB, CMYK, LAB and Grayscale data.

The possibility to set rendering intents for image, vector and spot color objects individually for the selected output profile provides full control and best result for any type of designs.



Hotfolders

With nèoStampa it's possible to define a numerous quantity of hotfolders containing information of the printing scheme. By help of hotfolders workflows can be completely automated in order to reach highest level of productivity.

Define input and output parameters, nest automatically, set trigger options and archive the original data if required. Ready? Go.

