

PowerFilm

RIP software for creating screen films with inkjet printers

Create screen films easily and in economy

You simply need a film for inkjet and a printer, to create films used in screen printing, typography, pad printing and flexography (indicative range 15-180lpi with 2880x2880dpi resolution printers).

Quality and repeatability of work

The inkjet technology, combined with specific AM screens, ensures high print accuracy and a high number of gray levels for continuous tones. It is also possible to replicate the work for future use.

Preview of plates and pagination of the films of the various channels

The software allows you to view a preview of the separations and place on the pasteboard films belonging to various channels at once. It works with CMYK JPG files or CMYK+Spot TIF or PDF.

Black Inklimit management

You can adjust the black ink level to adapt to the print conditions.

Calibration of linearization/dotgain curve

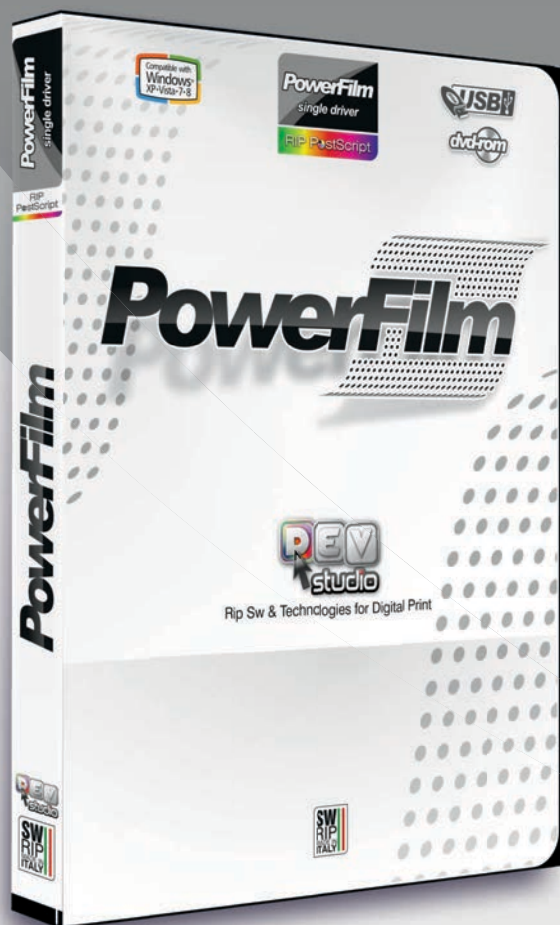
You can adapt the linearization curves/dot gain for each print condition by adjusting a user configurable dot gain curve with user selectable points.

Management of different dot types (spot function)

The software allows to choose among various dot functions.

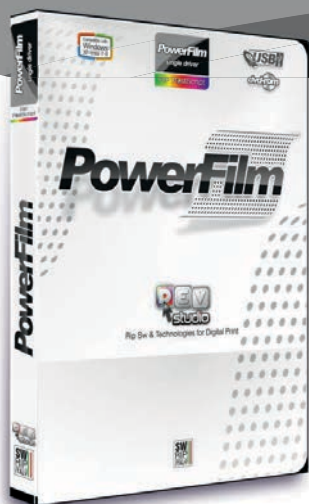
Print negative or positive films

You can either print negative or positive films starting from the original file.



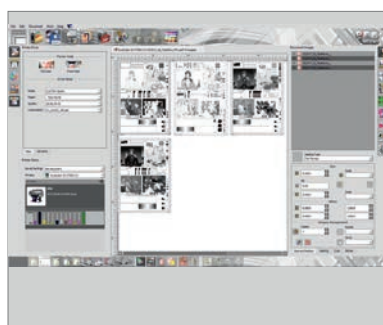
Available for Windows or Mac OS





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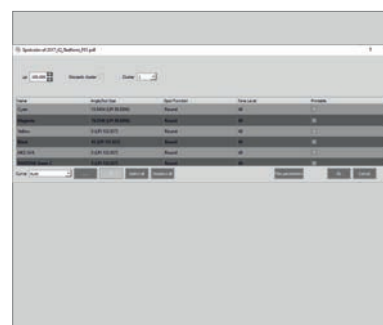
Available for
Windows or Mac OS



New simplified interface

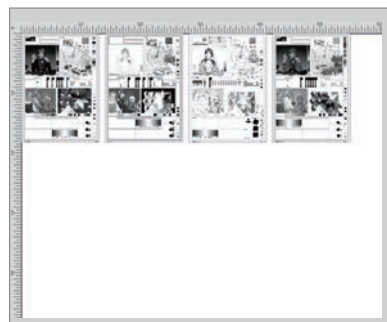
The new interface for the film has been redesigned and optimized.

- Multiplatform: Mac OS and Windows
- Compatibility with all printer drivers most suitable for the production of high quality films.



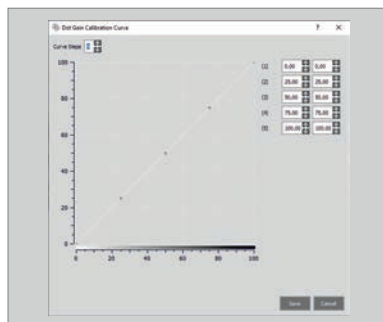
Automatic Separation

The program automatically separates the document in all its channels (CMYK + N) and allows you to set the screen independently of each channel. You will have the preview of all channels on the screen.



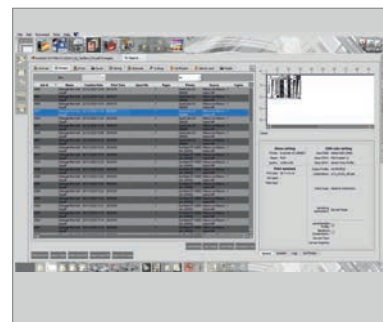
Preview of the plates on display

All the films are open on the video and shown as separate object in the working area, with the possibility of arranging freely to optimize space.



Independent dot gain curves

Ability to create custom dot gain curves for each of printer drivers association, resolution and screen model. (es 2880x2880 - 80LPI, 1440x1440-Stochastic). The program automatically selects the appropriate curve while loading.



Accurate print report

Each print job is recorded in the report from which you can analyze your production output and repeat exactly a work already carried out.

Main features PowerFilm

Languages ITA/ENG/FR/D/PT/ESP/HUN/RU	
Upgradable	YES
Formats and protocols	
Supported file types for separations	
CMYK JPEG, or CMYK+Spot.Tiff PSD, PDF, PS	
Supported file types for composite print	
JPEG, PNG, BMP, TIFF, PSD, PDF, PS	
Maximum print width	according to licence
PostScript level 3 - HPGL/GL2	YES
Colour correction functions	
Tone, saturation, brightness and contrast	YES
Color correction curves / Preview / ProfileTest	YES
Spectrophotometer support	optional
Remote proofing	optional
ICC profiles management	
Preview / Saving	YES
Printing (Input, Output, Simulation)	YES
Curve editor	YES
Creation of new linearization	optional
Colour management on vector and raster	YES
Driver Manager	optional
Image Quality	
Stochastic and ordered screens	YES
Scaling management	YES
Several antialiasing levels	YES

Print Management	
Print report with preview and reload of the status	YES
Number of printer queue (plotter)	1
Print modes	
Network	YES
Print to file	YES
Printing and calculation (in same time/consecutive)	YES
Print server for PC/MAC clients	optional
Parallel calculation on multiple printers	optional
Other features	
Tiling of large images	optional
Nesting (max 99 imgs) manual and automatic	YES
Hot Folder	YES
Enlargement, reduction, moving, cropping	YES
Acquire from scanner / Scan to print	YES
Custom printing configuration	YES
Spot Color and Pantone®	YES
Device-Link / Profile Creation (Power Profiler)	optional
Self-certification of proofing (Power Certifier)	optional
Direct print from application	optional
Print cost calculation	YES
Driver and software update from Internet	YES

Software Protection:	
USB Dongle	
System requirements (min. / suggested) :	
• RAM:	4Gb / 16Gb
• HDD:	200Gb / 1Tb
• CPU:	Pentium® Dual-Core / Intel series I3 - I5 - I7
• OS Mac:	Mac OS last three releases
• OS Win:	Windows 64Bit 7 / 8 / 10
Drivers:	
• Check the web site www.devstudio.it for the update list	