



Save more ink, money and time while getting better print quality with GMG InkOptimizer G-Turbo

The pressure of time and costs is constantly increasing in the graphics arts industry e.g. in newspaper printing. Tools that automate the workflow, improve printing properties, and realize cost savings are important solutions for print providers if they want to remain competitive. GMG InkOptimizer G-Turbo meets precisely these requirements.

Target Groups

- Newspaper printing
- Magazine printing
- Offset and gravure printing

Your advantages at a glance

▼ Better printing properties

GMG InkOptimizer stabilizes and optimizes the entire printing process. The color composition of images, complete pages or printing forms is standardized, and the black component increased. At the same time, the visual color impression remains almost unchanged.

The ink optimization function pinpoints exactly where the human eye reacts most sensitively – in the gray

balance. The stabilized gray balance achieves more consistent color behavior in the neutral areas and in the tertiary colors, such as brown and olive shades. In addition, the contrast and image definition in the shadows are also improved.

▼ Take savings to a new level with InkOptimizer G-Turbo

So far, typical ink savings of the GMG InkOptimizer were in a range of 20-30%. Now, thanks to advanced technology, GMG InkOptimizer is able to exceed the mathematical possibilities of ink optimization and provide highest savings within a colorimetric very close match to the reference.

GMG InkOptimizer with G-Turbo can reduce ink up to 47% compared to the original file which is an increased CMY reduction of around 17% over previous strong ink optimization. This extreme reduction of ink also improves drying time, reduces rub off as well as chemicals that are associated with the solvent inks and pays for itself quickly.

G-Turbo unlocks huge cost savings while improving the quality of the final print product.

▼ *Support of most important printing standards*

The preconfigured G-Turbo profiles for GMG InkOptimizer are included and now available for printing standards like PSO uncoated, PSO Improved News Print, PSO Standard News Print, ISOcoated v2 and ECI SC.

▼ *High user-friendliness*

Hotfolders can be created with just a few clicks of the mouse with the help of the GMG Hotfolder Creation Wizard. This avoids errors from the outset when creating workflows, less expertise is required, and production reliability is improved. When using GMG

ColorServer and GMG InkOptimizer simultaneously, it is now additionally possible to process files in one hotfolder.

Using a Web browser, several users can access GMG InkOptimizer simultaneously in order to convert PDF files and monitor their processing. That makes GMG InkOptimizer particularly user-friendly and easy to apply.

More information is available from your graphic arts dealer or at www.gmgcolor.com.

Technical data GMG InkOptimizer G-Turbo

Software requirements		Features	
Operating system	Microsoft Windows Server 2008 R2, Windows Server 2012 R2, Windows 7 (32-/64-Bit), Windows 8 / 8.1 (32-/64-Bit)	Supported profiles	GMG MX3-, MX4- and ICC-profiles; support of the ICC specification V2 and V4
Hardware requirements		Supported formats	PDF, TIFF, TIFF-IT, JPEG, CT/LW, EPS (Photoshop® pixel data)
Processor	Intel® Dual Core™ CPU	Supported languages	English, French, German, Italian, Spanish, Portuguese, Chinese simplified, Japanese, Korean
Memory	4 GB RAM, 250 GB hard disk	Scope of supply	GMG InkOptimizer on DVD; user manual as PDF; USB dongle; HKS, Pantone® and DIC spot color databases.
Graphics card/ Monitor	Min. 1024 x 768 dpi resolution, DirectX 10 support	Options / licences	The G-Turbo profiles (PSO uncoated, PSO Improved News Print, PSO Standard News Print, ISOcoatedv2, ECI SC) are delivered on a rental base for one year. Remote integration with GMG WebConnect, workflow integration with GMG FlowConnect, GMG ColorServer
Miscellaneous	DVD-ROM, 2 x USB 2.0, network card		
<p><i>The hardware requirements are dependent on the operating system used and the additional software installed.</i></p>			



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