ORIS INK SAVER – CASE STUDY 1

Comparison of imagery with and without ORIS Ink Saver –
printed on **DURST Rho P10 200**

ORIS
»PRESS MATCHER // WEB«

-25 % **ORIS** INK SAVER

DURST Rho P10 200 → 25 % ink savings

Less fading

Quality improvement

Cost reduction

Increased capacity

Higher margins

Higher production speed
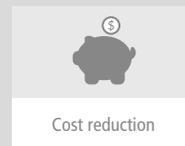
Case Study 1 – Ink Saving with **DURST Rho P10 200**

Technical Parameters

- Machine: DURST Rho P10 200
- Resolution: 1200 dpi / 4 Pass
- Material: Korsnäs White 270g
- Result: 25 percent ink savings between both jobs

Ink Consumption in %

	C	M	Y	K	CMYK
without ORIS Ink Saver					128,4
with ORIS Ink Saver					96,1

C: -18,3
M: -15,7
Y: -7,3
K: +9,1

■ without ORIS Ink Saver   ■ with ORIS Ink Saver

Benefits of **ORIS INK SAVER**

- Enormous ink savings
- Improved image quality
- Significant cost reduction
- Higher production speed

- Increased productivity
- Improved environmental resistance
- Environmentally friendly
- Return on investment in one year or less
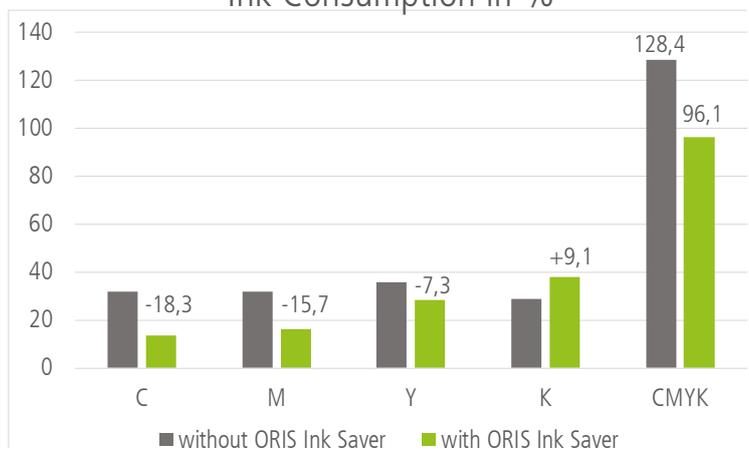
ORIS INK SAVER
Save ink and improve quality

Ink Savings and Cost Reduction

With **ORIS Ink Saver** you can achieve enormous ink savings, on average at least 20 percent – or much more, depending on the printing process and the colors used in the print jobs. The highest ink saving levels are possible when printing promotional material such as posters or brochures on large-format devices. Saving on ink in the printing process can lead to tremendous cost savings. This is why **ORIS Ink Saver** usually pays for itself within the first year. Saving on ink has many more positive effects on a printing workflow, such as reduced wear on print heads.

Quality Improvement

Paradoxical as it may seem, high speed ink jet printing benefits from substantial quality improvements when ink usage is reduced. The most noticeable improvements are increased contrast and shadow detail as well as extremely precise rendering of spot and brand colors – especially those with red tones, a significant challenge for high-speed inkjet printers. This is another great strength of **ORIS Ink Saver**.

Faster Drying Times

Ink usage and total ink coverage is greatly reduced. This allows for significantly faster drying times, which increases production speed. These time savings can considerably increase productivity, which results in increased sales and higher margins.

Environmental Resistance

A lower total ink coverage can also prevent negative impacts of environmental factors. Prints become less susceptible to fading and abrasion, for example. This is an important asset for promotional material.

Increased Workflow Productivity

ORIS Ink Saver uses device link profiles for converting the job data. This ensures a fast and smooth production process and short processing times, even for the largest jobs. IPDS environments are fully supported.

Environmentally Friendly

With **ORIS Ink Saver** there are not only economic benefits, but also benefits for the environment. Reducing the total ink coverage is by no means a negligible contribution to making your processes more environmentally friendly. This is especially true for processes that use large amounts of UV inks, because these inks have the greatest ink savings potential. Resulting in less ink waste.

Decades of Experience

CGS has been a color management leader in the graphic arts industry for over 30 years. Our first entry into the market were digital design systems and production workstations with innovative workflow and complex color control software. This high-end production and color management experience, unique among today's software suppliers, has enabled CGS to achieve, and maintain, its market leadership position in delivering productive solutions to the digital printing industry.

System Recommendations

To achieve maximum performance, we recommend the following equipment:

- Intel® Core i7 6th. gen. or better
- 16 GB memory (RAM) or more
- At least 250 GB SSD system hard drive
- Windows 7 or higher
- Internet Explorer 11

The exact hardware configuration depends on the type and number of output devices.