

Alwan ColorHub

Ink saving boost - Minimum TAC and Ink Usage



Dynamic Maximum Black
Level 10

32%



Minimum TAC & Ink Usage
Ink Saving Boost 2

50%

Main benefits



Increase color accuracy



Print more with less ink



Lower costs, increase margins

Alwan's Ink Saving Boost technologies

Alwan ColorHub contains 3 inks savings technologies: industry standard Gray Component Replacement (8 levels of GCR), together with proprietary Dynamic Maximum Black (10 levels of DMB) and Minimum TAC & Ink Usage (5 levels of MTIU). GCR offers enhanced color separation as black is preferred to cyan, magenta and yellow inks. DMB goes the extra mile by using up to 10% less ink and toner than GCR Max without any compromise on quality.

MTIU technology has a focus on minimizing the TAC, regardless of the channel, which allows up to 50% ink savings compared to original separation. As a result, costs are significantly cut, printing speed is increased and printing stability is improved.

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Patrick Zimmermann
- Caldera

Alwan's Dynamic Maximum Black ink saving technology has been selling and used successfully by our customers since seven years. However, when we tested Alwan's new Ink Saving Boost technology, we were impressed to see that not only ink savings were significantly boosted in many cases, but that color accuracy and reproduction quality were improved as well!



DMB10

Ink Savings: 37%

ISB2

Ink Savings: 44%

We have integrated Alwan ColorHub into our existing switch workflow and achieved very good results. The color transformation of the print data is done at the highest quality level and we also use Alwan's *Minimum total ink coverage and ink consumption* to save ink at a total ink coverage of 220% for Coated and 180% for Uncoated in combination with Auraia Digitally Modulated Screening for a faster drying for immediate further processing of the printed matter.

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Mike Watgen
- Weprint



DMB10

Ink Savings: 29%

ISB2

Ink Savings: 38%

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Menno Mooy
- ISI publishing

Our competitors tried to put Alwan out of several printing plants among the largest in Europe. Each time, I advise customers to conduct real production tests and calculate ink consumption for the same job optimized by each software vendor and printed with the same press and printing conditions. The outcome is always the same: Alwan ColorHub's "Ink Saving Boost" gives better print quality and higher ink savings than any other ink-saving technology, and customers always choose it!

Not only did Alwan's Hydra profile in a Fiery Controller give better colorimetric results and grey balance than those that the customer was getting with CGS Press Matcher. Moreover, using the Xerox Trivor's functionality to output a report of ink used on the device per job showed that Alwan using Ink Saving Boost mode had best ink savings.



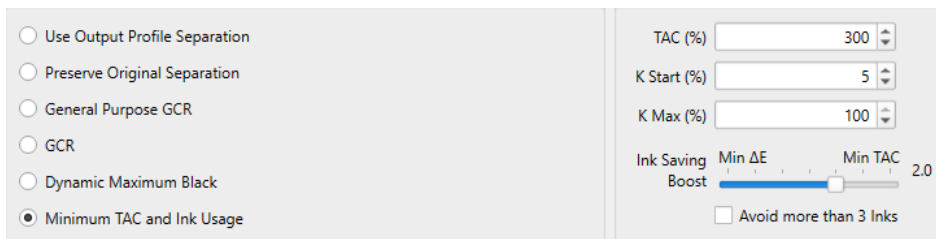
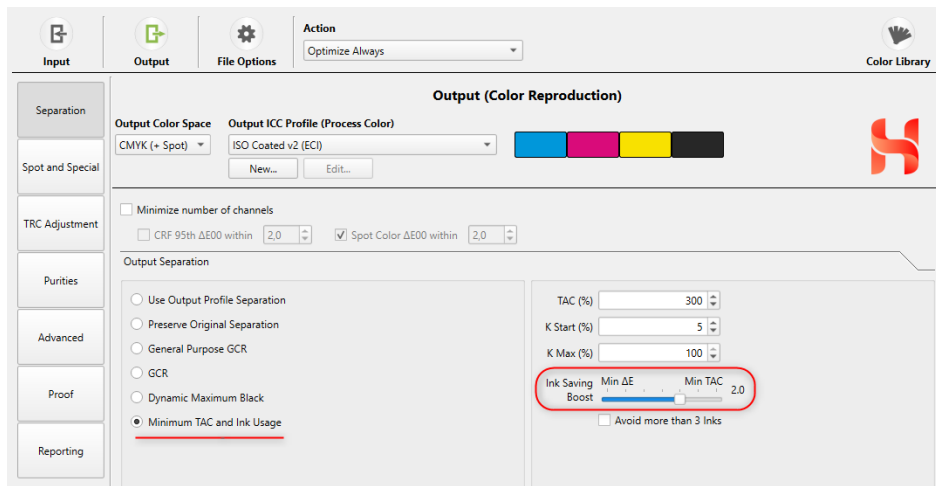
John Panton
- ColorFlow Solutions



DMB10
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You need more information or you are interested in trying Alwan's Ink Savings technology?
Please contact your local dealer or email us at sales@alwancolor.com



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