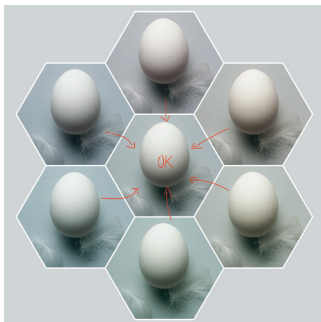


QUALITY MANAGEMENT

okBalance®



Common color fluctuations during the run are visible in the gray balance.

## Perfectionists are the spitting image of okBalance®

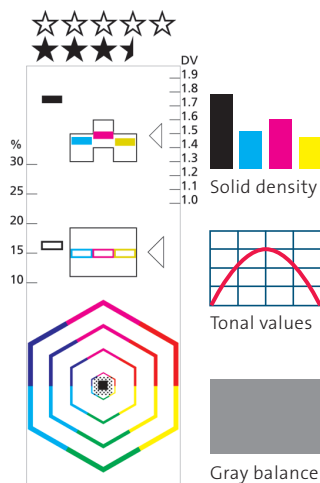
Can you imagine achieving top quality throughout a run at a minimum of time and effort? And achieving this even with difficult print subjects? manroland has an optimum solution for this, proven many times: okBalance®. The best thing about it: control is effected automatically by pushing a button.

### One egg looking like the other ...

... is not enough by far anymore for brand manufacturers and their agencies. They need each of their products to be non-interchangeable, and they impose the most stringent demands on the printing industry for the production of their advertising print products. Proof and OK sheet must match optimally. The run mustn't show any color fluctuations. Customers increasingly demand a degree of printing quality far surpassing the usual, international standards. These requirements can only be met with an intelligent control system that includes parameters in addition to solids. okBalance® from System Brunner has proved for many years to be an optimum solution for these high-level demands.

### What can okBalance® do?

Measuring systems on printing presses control the ink film thicknesses of the individual colors. Because of the many factors influencing the printing process (blanket, ink, printing substrate, dampening solution, press setting), the printing result will differ from job to job. Color fluctuations may appear within one and the same print production. Dot gain may vary even when solids remain almost constant. Even with low-contrast images, minimal fluctuations in color are immediately apparent to the naked eye. Therefore, okBalance® does not rely on solid density alone but also, particularly, takes dot gains and the gray balance into account, thus enabling consistency in the production run. Jobs with low contrast and many gray balance related image elements can be controlled in this simple and reliable way. Operation is easy, too. The press operator adjusts the ink feed to match the proof, to meet standard values or according to customer wishes until the OK sheet is reached. Pressing a button activates okBalance® and keeps the quality level of the OK sheet stable throughout the run. ■■

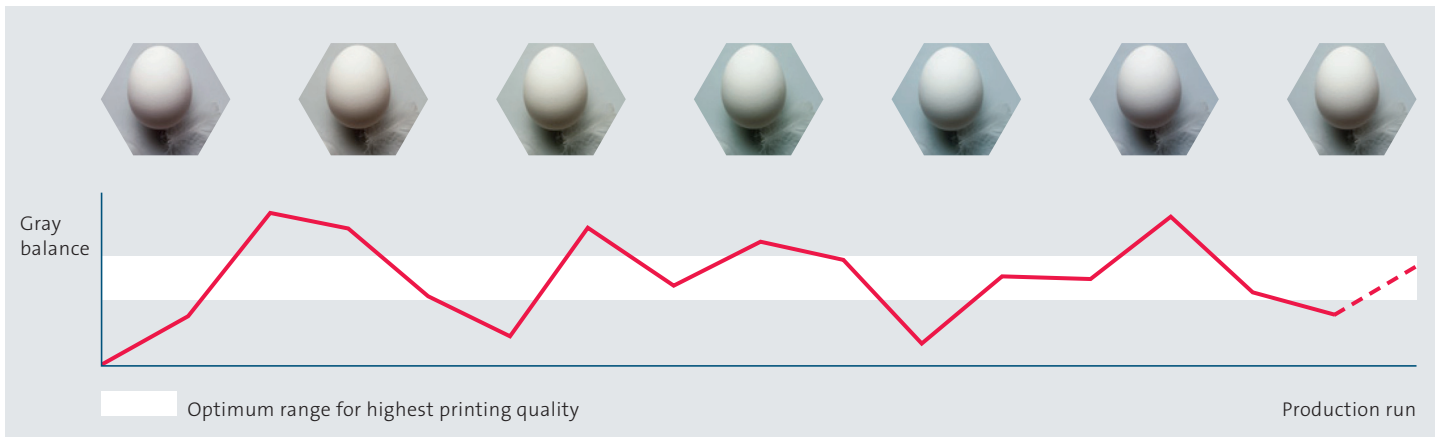


PrintConsult® quality analysis.

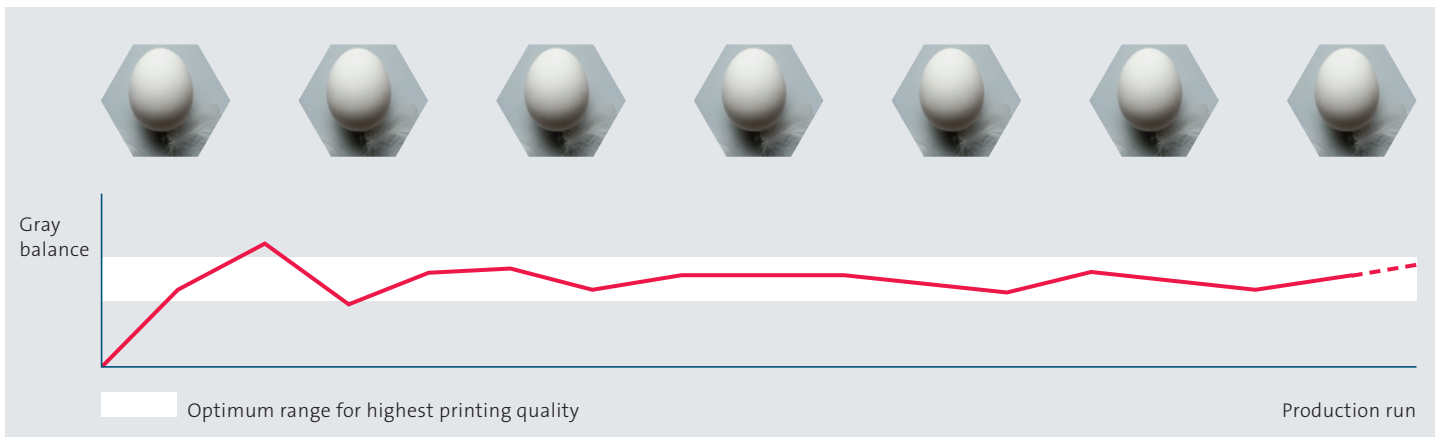
## How okBalance® supports your production

- Clear and intuitively comprehensible representation of printing quality for analysis
- System long since proven effective in the market, with high customer acceptance
- Easy and high-quality control of extremely difficult jobs (low-contrast images)
- Markedly fewer complaints because of consistent top quality throughout the run

### Fluctuations of gray balance without okBalance®



### Fluctuations of gray balance with okBalance®



okBalance®: Registered trademark by System Brunner AG

manroland AG · 1 · okBalance® · 02 · English · 02/2009 · printed in Germany

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a trademark of manroland

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