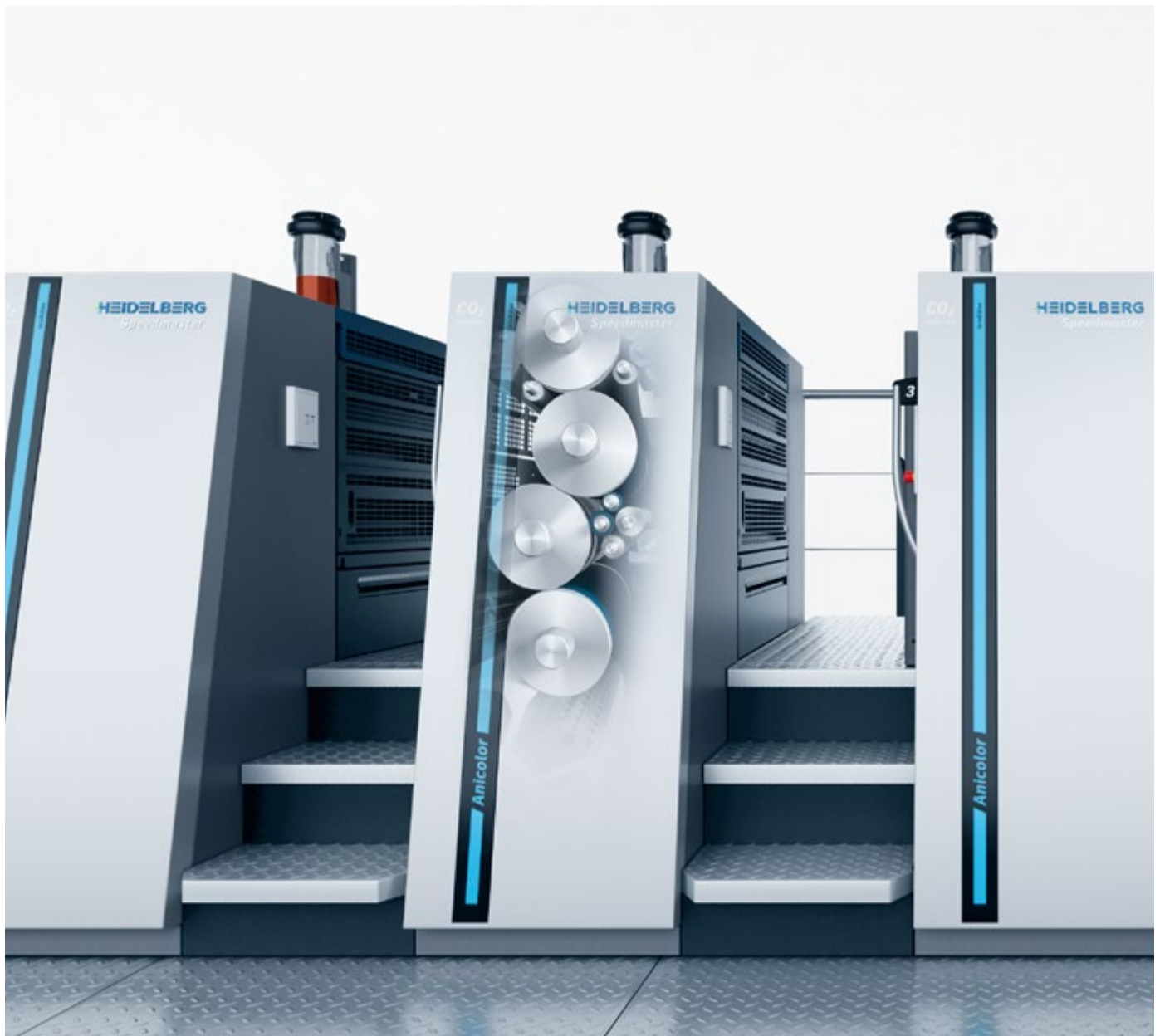


For small to large print runs.
With impressive performance.
Speedmaster XL 75 Anicolor.

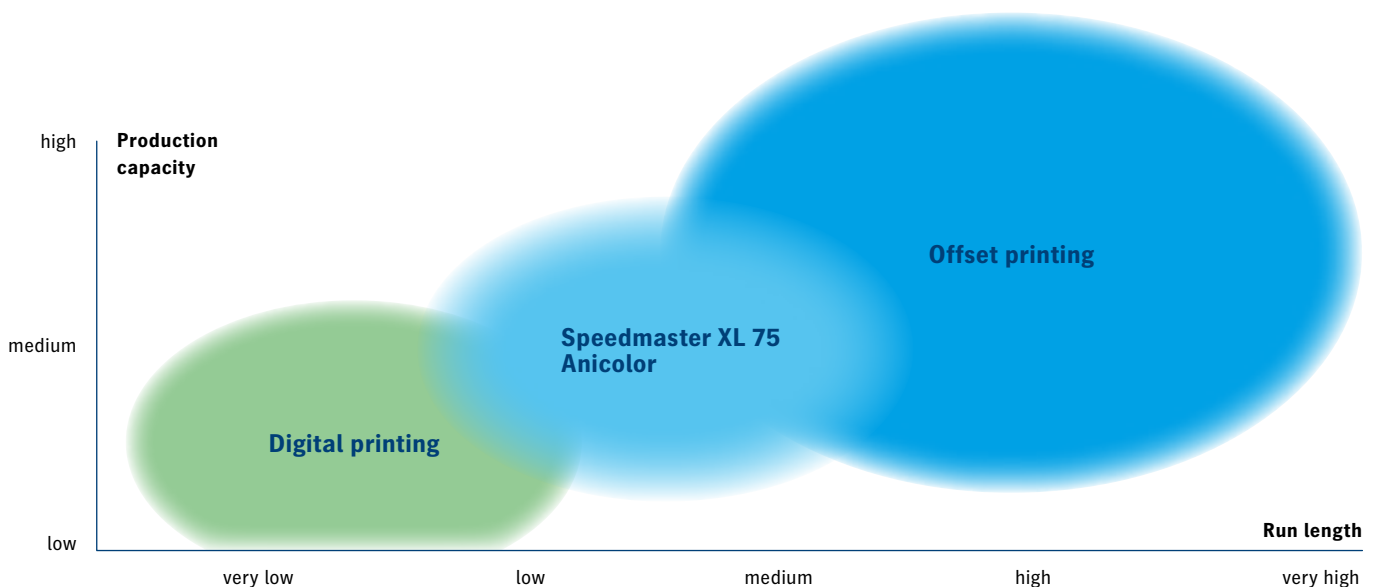


Efficiency and flexibility in the entire process chain.

Speedmaster XL 75 Anicolor: Peak Performance offset quality combined with a unique Anicolor inking unit.

The Speedmaster® XL 75 Anicolor® is a highly automated and profitable offset press in the 50 × 70 format range that is equipped with a zoneless Anicolor short inking unit. The Speedmaster XL 75 Anicolor demonstrates its economic potential particularly with short runs thanks to fast job changes and small start-up sheets. However, it also impresses with medium and large print jobs in all aspects.

The Speedmaster XL 75 Anicolor therefore covers an extremely wide range of applications. Especially in an increasingly hybrid production environment in the commercial market, the press is positioned as a particularly cost-efficient solution.



The Speedmaster XL 75 Anicolor covers a wide range of print volumes in a hybrid production environment in the commercial market.

The digitalization and standardization of processes have fundamentally changed the production of printed matter – flexible systems and cost-effective work are more relevant than ever. The key to success lies in a powerful workflow that delivers print-ready data directly to the presses. With Prinect® Workflow, you can integrate your presses seamlessly into your production process. The Speedmaster XL 75 Anicolor can also be perfectly integrated into the Prinect Workflow.

This allows you to increase productivity, standardization and adaptability throughout the entire printing process – from order entry to the final print product.

Be inspired by the possibilities offered by the Speedmaster XL 75 Anicolor and make your printing processes even more efficient and economical.

The Anicolor short inking unit.

Maximum cost efficiency.

Thanks to the zoneless short inking unit of the Anicolor, you can achieve uniform, stable inking in record time and produce economically even with short runs and many color changes – with minimal effort for color adjustments.

Simple operation, high-quality results

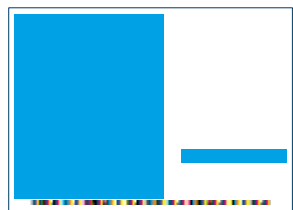
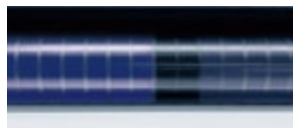
The Anicolor short inking unit quickly achieves uniform inking over the entire run. You benefit from minimized effort for color adjustments, even for jobs with different color picks. By optionally activating the Anicolor booster, you can easily achieve a higher density without changing the anilox roller. The individually temperature-controlled anilox roller in each printing unit and the format-sized ink application roller ensure consistent, high-quality results – sheet after sheet, job after job, for cost-effective production.

The Anicolor inking unit technology

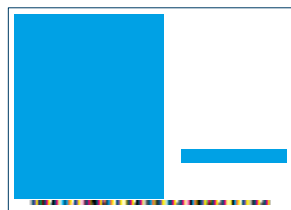
The Anicolor inking unit is characterized by a single large ink zone – the anilox roller. It is therefore no longer necessary to set the ink zones. All job data is already created in the prepress stage and processed by the Speedmaster XL 75 Anicolor in the proven offset quality.

The ink is transferred via an anilox roller that can be individually tempered in each printing unit. This picks up a defined total amount of ink from the ink chamber and transfers it to the constantly tempered ink application roller. The roller in turn applies the ink to the predefined areas of the printing plate. Unused ink flows back into the ink chamber via the anilox roller. This prevents under- or over-inking of the printed sheet. With only two ink transfer points to the printing plate, the short inking unit reacts very quickly. As a result, the machine ensures fast and consistent inking of the printed sheet. The ink settings only need to be adjusted when changing to a different substrate – this is quick and easy to do: by adjusting the temperature of the anilox roller and activating the Anicolor booster, the ink density can be quickly adapted to a wide range of substrates and requirements.

Speedmaster XL 75



Speedmaster XL 75 Anicolor



Comparison: Conventional inking unit vs. Anicolor inking unit

1

Fully automatic ink metering system

The fully automatic **InkStar® ink dosing system for ink cartridges** ensures a constant fill level and reliable fill level monitoring. You benefit from reduced set-up times thanks to the automatic filling of the ink chamber.

2

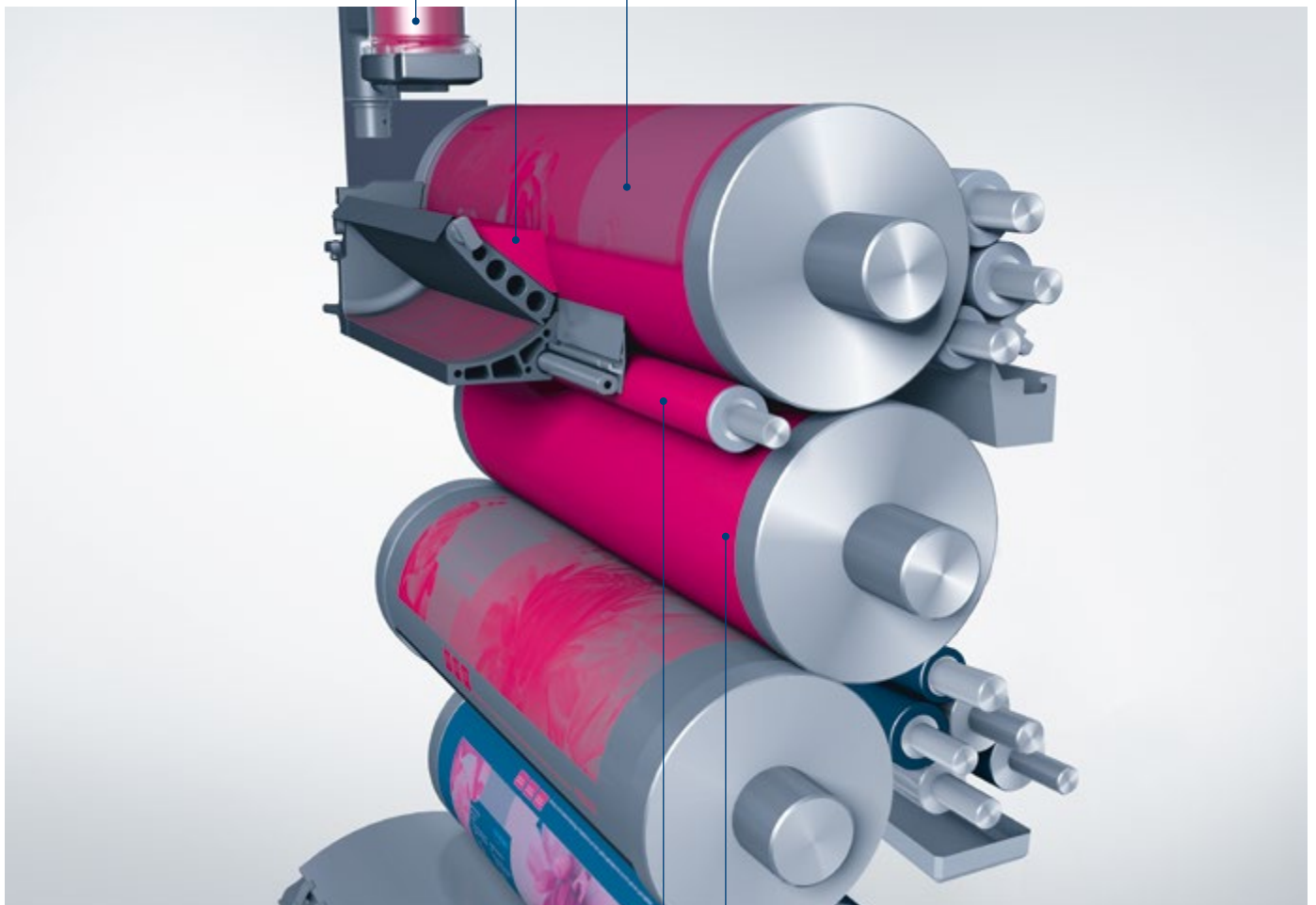
Ink chamber with integrated ink chamber doctor blade

The easy-to-change **ink fountain** enables exceptionally fast color changes. You can exchange the entire ink fountain and replace it with an already prepared ink fountain. The ink chamber of the ink fountain can be filled outside the machine and reused for subsequent jobs. This shortens set-up times and more effective production.

3

Anicolor anilox roller

The **Anicolor anilox roller** enables reproducible quality and stable inking behavior. The individual temperature control of the single-speed anilox roller in each printing unit allows the ink density to be changed quickly and adapted to different substrates. The **Saphira® PLP anilox rollers**, which are manufactured in-house, impress with their high quality, accuracy and durability. This is made possible by the patented Pulsed Laser Process engraving method.



The zoneless Anicolor short inking unit with tempered rollers and booster.

4

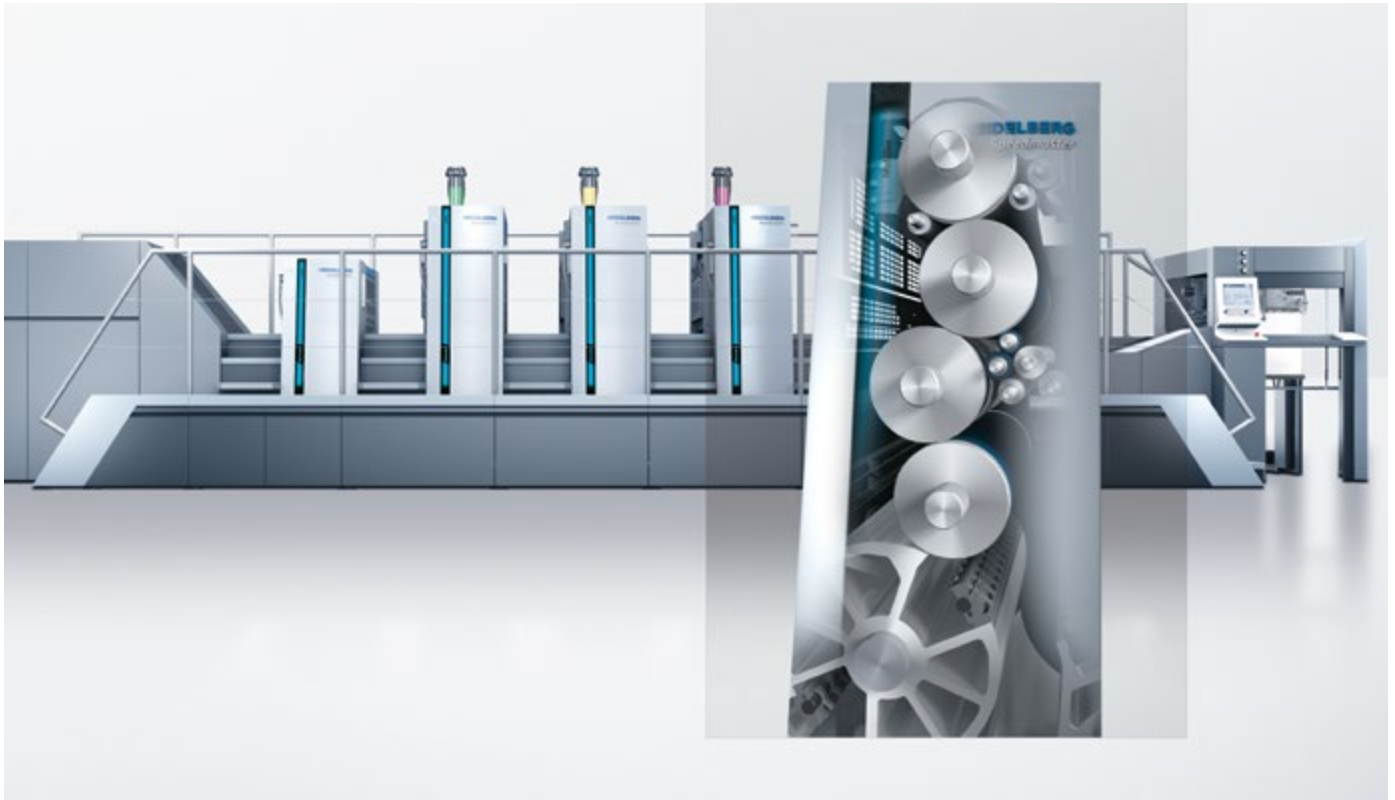
Anicolor booster

The **Anicolor booster** increases the ink density as an option using button printing – in the shortest possible time and without changing the anilox roller. This supports particularly fast changes between coated and uncoated material, precise inking and optimized adaptation to spot colors – efficiently and flexibly for a wide range of requirements.

5

Paint application roller

The format-sized, constantly tempered **ink application roller** ensures uniform inking over the entire print sheet.



The heart of the Speedmaster XL 75 Anicolor: the Anicolor short inking unit.

Powerful Speedmaster XL Peak Performance combined with Anicolor technology

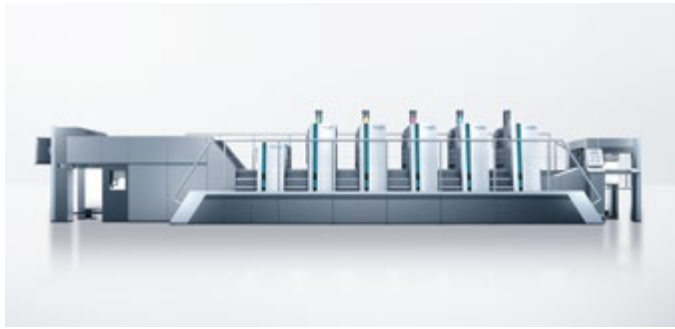
The Speedmaster XL 75 Anicolor combines the proven features of the Speedmaster XL 75 Peak Performance with the advantages of the Anicolor short inking unit. With speeds of up to 16,500 sheets per hour for straight printing and up to 15,000 sheets per hour for perfecting presses, the Speedmaster XL 75 Anicolor offers almost all the advantages of the Speedmaster XL 75. Innovative functions such as AutoPlate Pro or AutoPlate XL for fully automatic plate changes, non-contact sheet travel, air-supported sheet transfer and the proven perfecting technology ensure a smooth production process.

Precision and flexibility

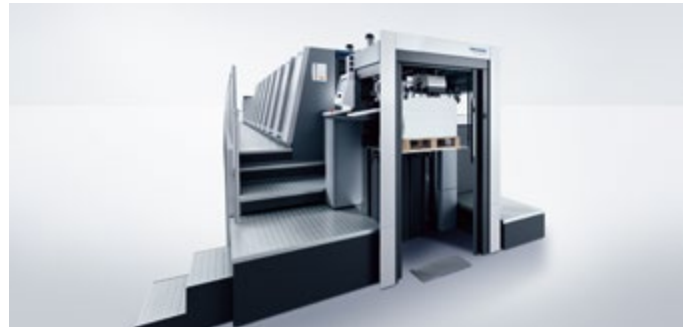
Whether paper, cardboard or plastic – the precise and gentle sheet guidance enables optimum results for materials up to 1 millimeter thick for straight printing machines and up to 0.8 millimeters for perfecting machines. Flexible configuration options make the machine suitable for a wide range of applications. The modern control station with automated Prinect assistance systems gives you full control over the quality of the printed products. Comprehensive preset options from the feeder to the delivery enable you to optimize your production processes.

Decisive advantages of Anicolor technology at a glance:

- Cost savings thanks to extremely fast job changes and low start-up times
- Economical production, especially for small and medium print runs
- High level of automation and standardization of printing processes
- No color adjustment with the same substrate
- Fast, uniform coloring with high color stability, regardless of the surface coverage
- Interchangeable ink ducts for more efficiency in set-up time and follow-up jobs
- No ghosting and stencilling
- Durable Saphira anilox rollers made of in-house production in every printing and coating plant
- Proven use of special paints in the paint shop
- Ideal for spot color simulation with multicolor



Speedmaster XL 75-5+L Anicolor – the most popular model for commercial printers.



The raised machine ensures greater productivity in packaging printing.

Maximum range of applications and increased productivity

The Speedmaster XL 75 Anicolor is the ideal means of production thanks to its wide range of configuration options and equipment variants. It offers the right solution for every requirement: For commercial printing, it is mainly used as a standard model with four to eight printing units – with the optional perfecting device and several drying or coating units for inline print finishing, it is ideally suited for your commercial printing and advertising materials of all kinds. It meets the high demands of packaging and label printing – from frequently used protective coatings to sophisticated, high-quality drip-off gloss and matt coating applications.

The Speedmaster XL 75 Anicolor scores above all with its uniform coloring, a wide range of materials spectrum and high production stability – even with low ink coverage. It ensures short set-up times, fast job changes and a reduced need for start-up sheets. This increases your productivity and saves you considerable costs, especially with high-quality and expensive substrates. Spot colors can also be changed extremely quickly or simulated using the multicolor workflow.

Find out more about the flexible application possibilities of the Speedmaster XL 75 product line:



➔ **Speedmaster XL 75 Anicolor**
heidelberg.com/en/xl75-anicolor



➔ **Speedmaster XL 75**
heidelberg.com/en/xl75

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For details on the emissions of the Speedmaster XL 75 and Speedmaster XL 75 Anicolor, please visit us at heidelberg.com/emissiondetails

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