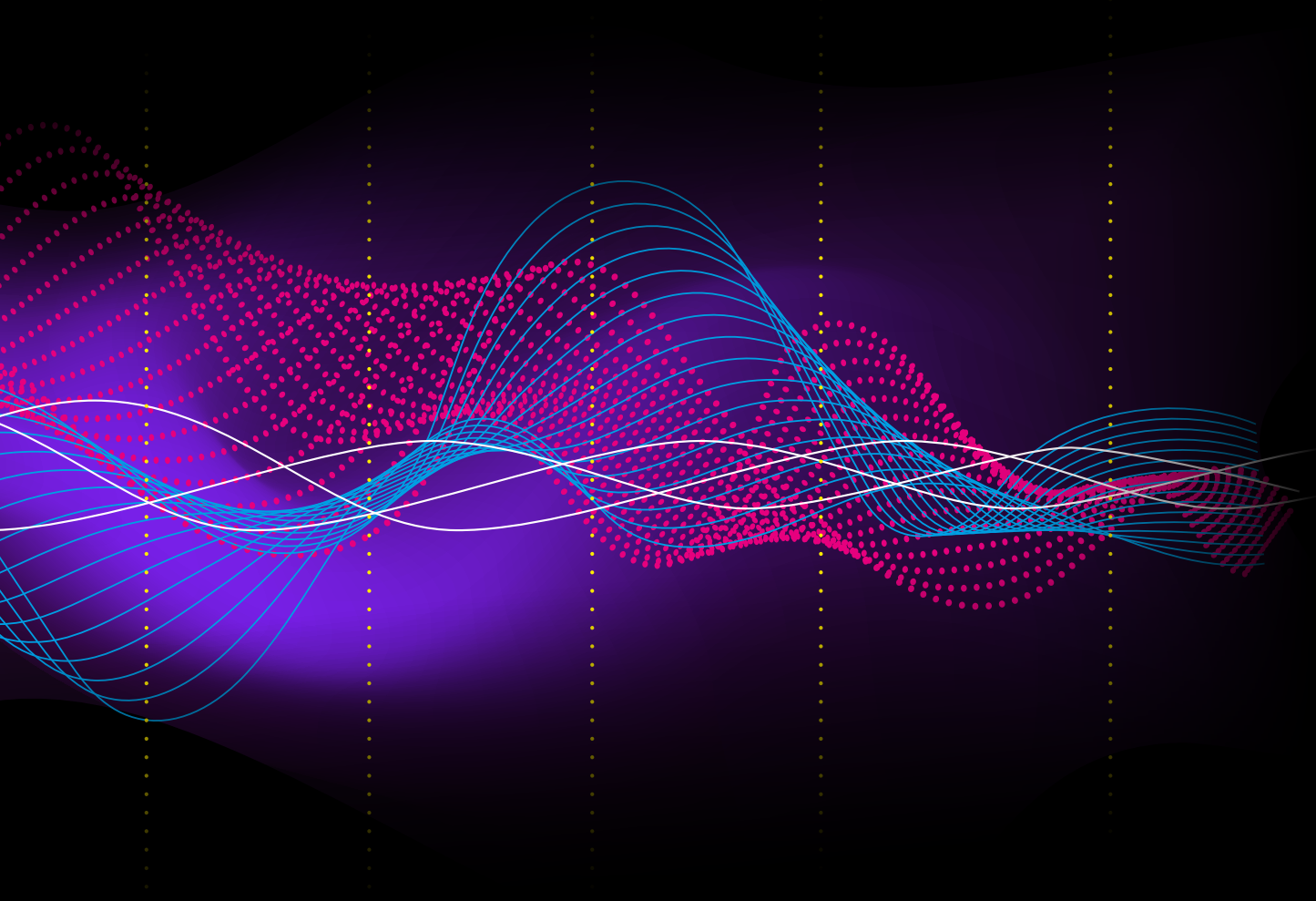


System to Compose

Compose your print masterpiece



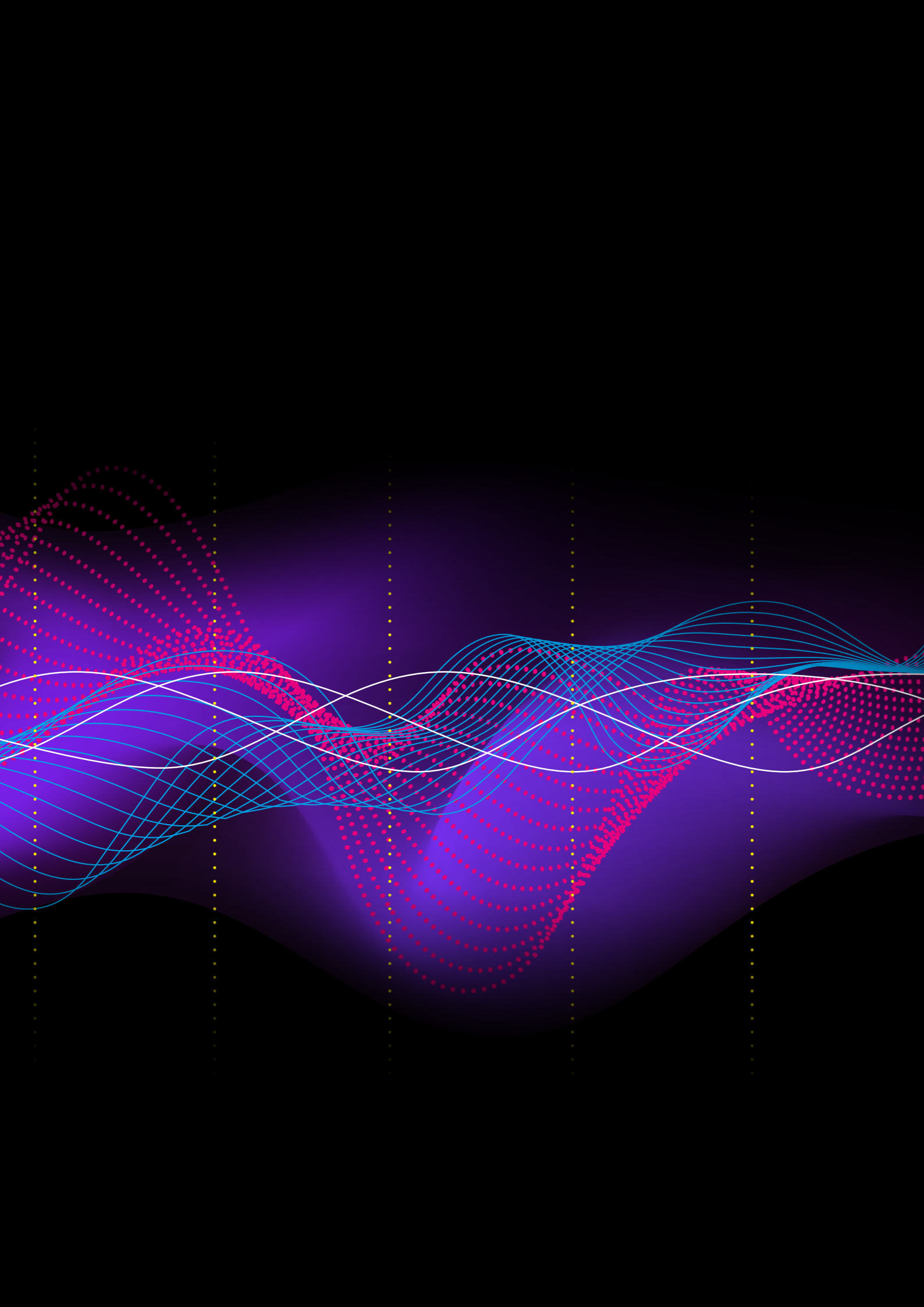


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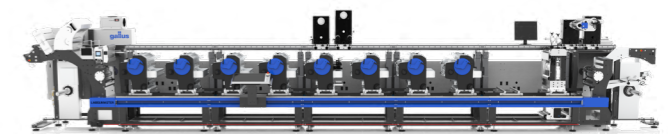
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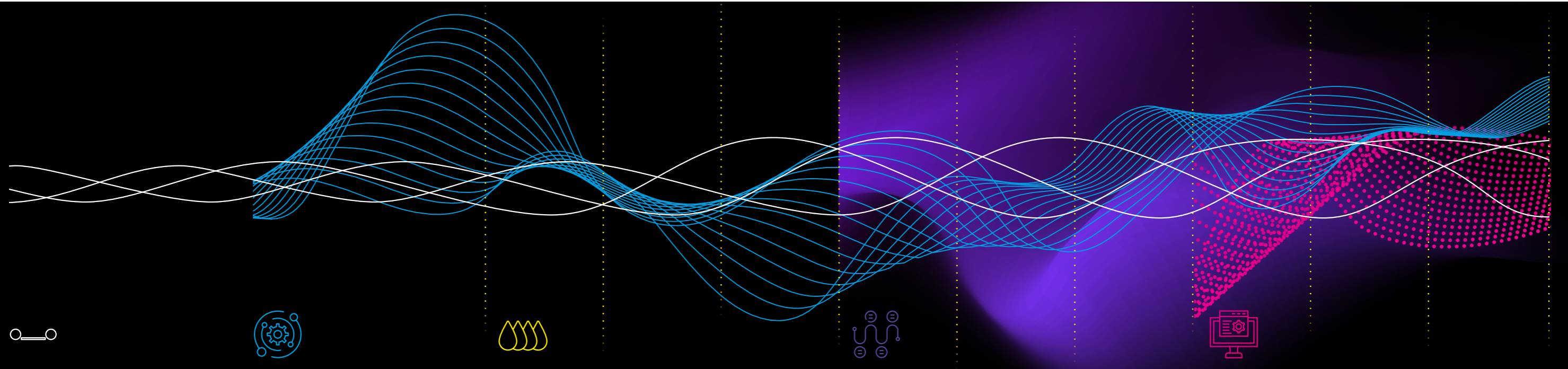


Flexibility Meets Performance

Gallus' System to Compose offers you all the equipment you need to master flexibility and thrive in the dynamic world of print.

In a market defined by changing demands and increasing complexity, adaptability is key. With its modular approach, the System to Compose harmonises conventional and digital printing. This enables businesses to compose the entire production ecosystem including inks, workflow and

services exactly to their needs to produce labels with outstanding quality efficiently and economically. The System to Compose is not just a concept – it's your toolkit for staying ahead in a fast-paced print environment while keeping performance and profitability in perfect harmony.



Platform

The System to Compose leverages the proven Gallus Labelmaster carrier modules as a reliable platform for your printing success. It allows customer-specific needs to be met on a tailor-made basis and is available in three printing widths – 340 mm, 430 mm and 570 mm. The platform serves as the central stage for integrating all necessary printing, embellishing and converting units, ensuring a perfectly harmonised label production as well as a solid foundation for versatile, future-proof performance.

Processing units

The System to Compose offers unparalleled flexibility, allowing customers to seamlessly add, remove or replace a wide range of conventional and digital printing modules and embellishment units, as well as secondary rail- and die-cutting solutions. This high degree of modularity empowers customers to tailor their solutions to their needs while retaining the freedom to adapt as their operations grow and evolve. By offering such dynamic scalability, the System to Compose represents a truly future-proof investment that grows alongside the business.

Inks

The high-performance Heidelberg Saphira UV02 and UV05 inks, jointly developed in-house by HEIDELBERG and Gallus, are designed to integrate perfectly into the Digital Printing Unit (DPU). They deliver vibrant colours, high opaque white and consistent print and colour quality. Thanks to the modular ink set, the system supports flexible configurations – from 4-colour and 6-colour printing to the optional inclusion of white – ensuring maximum adaptability for diverse label applications.

Workflow

The System to Compose allows all key systems to work together seamlessly. At its core is a standardised Human Machine Interface (HMI), which is used across all Gallus machines and was designed to present essential information at a glance. This unified interface simplifies operation and reduces complexity. All hybrid and digital presses can be operated via Heidelberg Prinect®, which is both highly intuitive and transparent – further ensuring maximum press efficiency and productivity. For added flexibility, Prinect is also compatible with the majority of third-party workflow systems, which means that depending on your existing setup, there is no need to switch solutions and the Gallus machines can be integrated easily in the existing setup.

- Best-in-class colour management to create ISO profiles.
- Colour centre: streamlined, efficient and automated quality assurance.
- Calculate ink usage in advance, for precise order processing – also remotely via VPN.

Service

Gallus offers exceptional sales and service support, with flexible service packages and on-demand training. Through the global sales and service network, which is operated in close partnership with HEIDELBERG, Gallus brings their service expertise directly to the customer on site. Thanks to the Heidelberg World Logistics Centres (WLC), particularly fast and reliable delivery of over 10,000 original Gallus spare parts and consumables can be guaranteed. With globally networked logistic locations in the USA, Germany, Hong Kong and Japan, items can be delivered within 24 to 48 hours and can be conveniently tracked via the customer portal. Furthermore, the Gallus Print Academy provides comprehensive training to help your operators achieve top quality with every print run.

Printing, Embellishing and Converting Solutions

Our printing, embellishing and converting solutions are seamlessly integrated into the Gallus machine platform. By combining the advantages of both conventional and digital printing technologies, we empower you to harness

the strengths of each – without compromise. This holistic integration is engineered to optimise efficiency, enhance production flexibility and deliver measurable value to your business.

Main Level Printing and Embellishing Solutions Brilliance meets brands



Digital print unit

- 1200 x 1200 dpi
- Available in 340 mm and 430 mm printing width
- The specifically developed automated cleaning system enhances productivity by reducing downtime, ensuring consistent print quality, minimising manual cleaning and reducing ink wastage
- The vision system ensures top print quality across all speeds and substrates with push-button register adjustments, live visual checks and automatic compensation for missing nozzles and density unevenness



Flexo printing unit

- Servo-driven printing cylinder ensures premium print quality and precise register accuracy
- Short 1.4 m web path between units minimises material waste
- Omega web path on large chilled impression cylinder optimises substrate conditioning and substrate variety
- User-friendly design enables short setup time and easy operation



Screen printing unit

- High-build relief varnishing up to 300 µm
- Fully integrated screen printing unit
- Fast changeover and flexible positioning of the printing unit
- High ease of use and automated features
- Comprehensive screen printing solution and service portfolio from a single source



Gallus MatteJet

- Printing speed of up to 50 m/min ensures high productivity
- Matte effect at the touch of a button (within digital inkjet printing) without changing the look and feel of the substrate
- High cost efficiency with no need for additional inks or special varnishes
- In-line integration into the Gallus One

Die-Cutting Solutions

Precision that performs



RDC Top

- Topload rotary die-cutting unit
- Up to 200 m/min
- Optionally available with cutting depth adjustment



SDC ABG

- Semi-rotary die cutter for 340 mm print width only
- Up to 70 m/min (depending on format)
- Quick cutting plate exchange – cutting cylinder exchange not required
- Optionally available with cutting depth adjustment



RDC Quick

- Very robust frontload rotary die-cutting unit optimised for thin liners
- Up to 200 m/min
- Highly automated with quick cutting cylinder exchange and short setup time in under two minutes
- Optionally available with cutting depth adjustment



SDC PRO

- Semi-rotary die cutter for 430 mm print width
- Up to 100 m/min (depending on format)
- Quick cutting plate exchange – cutting cylinder exchange not required
- Optionally available with cutting depth adjustment

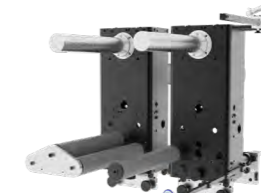
Movable Secondary Rail Solutions

Embellishment elevates design



Cold foil unit

- Add value with metallic effects
- Pneumatic spindle shift to take up to four spools of cold foil
- Quick change due to easy setup
- Suitable for mono-lamination
- Flexible positioning on secondary rail



Cold foil unit pro

- Add value with metallic effects
- Fine winding due to motorised un- and rewinder
- Pneumatic spindle shift for multi-ribbon applications
- Quick change due to easy handling
- Suitable for mono- and PS lamination
- Flexible positioning on secondary rail



Mono laminating unit

- Surface protection of the printed product through lamination
- Suitable for monofilms
- Manual tension control and lateral side adjustment



Laminating unit

- Surface protection of the printed product through lamination
- Suitable for monofilms and pressure-sensitive laminates
- Lateral side adjustment
- Motorised un- and rewinder for optimised film transport



Web turn bar

- Precise double-sided printing, including backside printing on glue
- Microporous bars prevent scratching of the substrate
- Easy web-path alignment



MR touch

- Matrix rewinder for high-speed production of standard and difficult label shapes
- Compatible with all Gallus die-cutting units

Solutions for Every Application and Job Size





Gallus One Removing the TCO Barrier

From a powerful solo to harmonic ensemble

The Gallus One is your gateway to digital label printing, designed to remove the barriers to digital label production while reducing the total cost of ownership (TCO). Powered by advanced automation, cloud-based technologies and the renowned Gallus print quality, the Gallus One makes cost-effective and sustainable digital label production more accessible than ever before.

At its core is a highly automated inkjet system that ensures precise ink application with exceptional process stability. Additionally, every step of the production process can be individually controlled, delivering market-leading print quality and reliability – even at speeds of up to 70 m/min. This level of control enables unmatched consistency and efficiency throughout the workflow.

As the ideal entry-level solution for small to medium run lengths, the Gallus One is perfectly suited for a wide range of applications, including retail and logistics, beverage, pharmaceutical and OTC, household, technical and, with the integration of Gallus MatteJet technology, wine and spirit labels.

Up to
70 m/min

CMYK,
orange & violet

White with 85% opacity
at 70 m/min

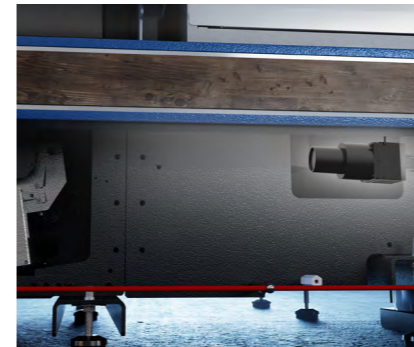
340 / 430 mm
printing width



To get more information regarding the technical specifications of the Gallus One, please scan this QR code or visit: gallus-one.com

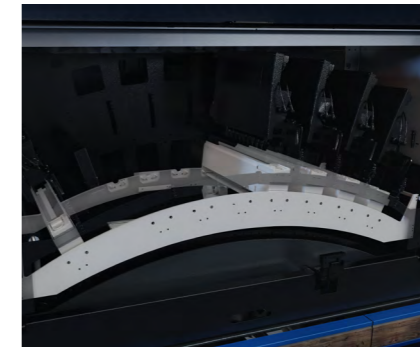
Automation That Delivers

Intelligent systems that streamline your workflow and ensure consistent performance



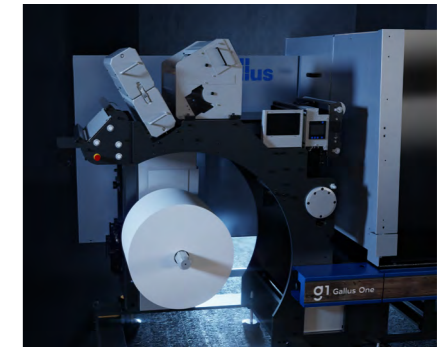
Vision system

The vision system ensures top print quality across all speeds and for a wide range of substrates with push-button register adjustments, live visual checks and automatic compensation for missing nozzles and density unevenness.



Ultrasonic cleaning system

The automated cleaning system enhances productivity by reducing downtime, ensuring consistent print quality and minimising manual cleaning, and reduces ink wastage through automatic ultrasonic cleaning. It secures your investment across the entire product lifecycle.



Web thickness control

The web thickness control ensures the machine will stop if the set web thickness is exceeded in order to protect the print heads from damage.

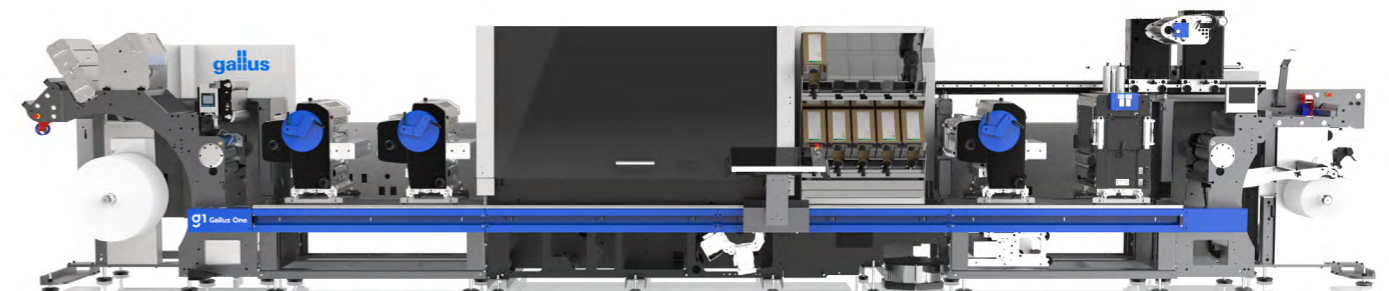
A Solution Built to Grow With You

A fully integrated solution for efficient digital label production

Offering all the benefits of the System to Compose, Gallus One is a complete solution – not just a standalone print engine. Within the Gallus print ecosystem, users have state of the art inkjet technology, the high-performance Saphira UV02

ink set, the sophisticated workflow software Prinect® and predictive press monitoring services to ensure maximum press uptime. All of these elements work in harmony, enabling an increase in press efficiency and productivity.

Whether operated as a standalone roll-to-roll press or integrated into a hybrid configuration with additional printing, embellishing or die-cutting units – the Gallus One grows with your business as it adjusts to changing market demands, allowing you to scale and expand your production capabilities with ease.





Gallus Five Printing the Pace

Unmatched production capacity and efficiency

Experience the next generation of label printing with the Gallus Five – a powerhouse of performance, agility and innovation. Engineered for label converters who demand speed, precision and uncompromised quality, this hybrid press takes productivity to new heights while driving down the total cost of ownership (TCO).

Designed specifically for mid- to high-volume label production, the

Gallus Five delivers unmatched output and flexibility. With printing speeds up to 100 m/min, it ensures faster turn-around without sacrificing quality.

At the core of this high-performance machine is the new HEIDELBERG Saphira UV05 ink set, setting new standards in colour vibrancy and efficiency. Offering an expanded colour gamut and enhanced coverage, this advanced ink system supports high-speed

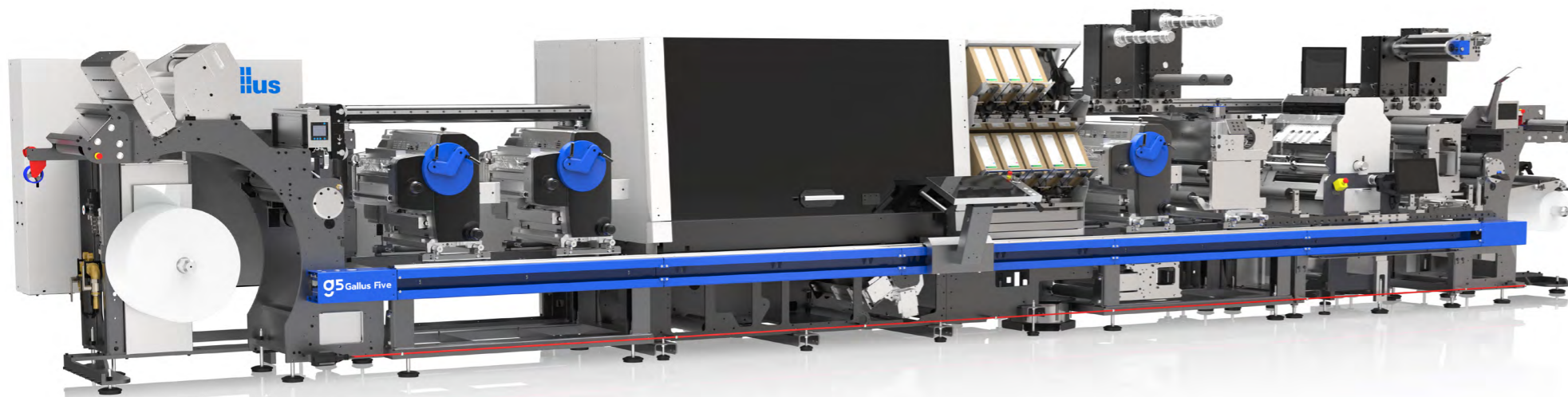
printing without compromise – a game-changer for productivity.

Whether you are producing labels for health and beauty, cosmetics, household, technical goods or pharmaceutical and OTC products, the Gallus Five rises to the challenge. It's the perfect solution for jobs that require high levels of embellishment alongside demanding print volumes, delivering stunning results with every run.

Up to 100 m/min

CMYK, orange & violet
optional white

340 / 430 mm
printing width



To get more information regarding the technical specifications of the Gallus Five, please scan this QR code or visit: gallus-group.com

Advanced Solutions from Ink to Finish Innovative technologies that maximise durability, colour brilliance and finishing speed



SDC Pro die-cutting unit

The new high-performance SDC Pro semi-rotary die cutter is designed for maximum efficiency, by enabling die cutting in 430 mm width and speeds of up to 100 m/min. The innovative design allows for quick cutting plate changes without the need to exchange the cutting cylinder, significantly reducing setup times.



Heidelberg Saphira UV05

The new ink set distinguishes itself through best-in-class compliance, adhering to the latest industry standards. Additionally, it offers unparalleled colour brilliance and vibrant pigmentation, even at full production speed. This ink set is designed to cover the most common spot-colours of packaging print with minimal ΔE .



LED curing

The Gallus Five is equipped with advanced LED pinning and curing technology, significantly reducing power consumption and energy costs. Not only does it enhance efficiency but it also promotes sustainable printing operations.

Built to Evolve – Powered to Perform Future-ready label printing starts here

Thanks to its modular architecture and seamless integration into the System to Compose, the Gallus Five is perfectly equipped to adapt to evolving production requirements. This future-proof design allows for the effortless addition of new units and upgrades, making it an ideal choice for businesses aiming to stay ahead

in a dynamic market. Combining all the advantages of the System to Compose, the Gallus Five features cutting-edge Prinect® workflow software, the newly developed high-performance Saphira UV05 ink set and predictive press monitoring services – all working in harmony to ensure maximum uptime and efficiency.



Gallus Labelmaster Flexibility in Perfection

Straightforward and reliable print production

The Gallus Labelmaster offers label and packaging printers unparalleled flexibility – both today and in the future. This is made possible by its revolutionary platform design, which allows for fully customised configurations tailored precisely to individual production requirements. Depending on the model, a wide range of printing modules can be integrated, enabling the Gallus Labelmaster to adapt to virtually any business model.

The basic version of the Gallus Labelmaster stands out with its exceptional price-performance ratio, combining high flexibility with preconfigured modules for efficient entry-level production. For operations requiring even greater versatility, the Gallus Labelmaster Advanced line delivers maximum flexibility and a high degree of automation. This includes standard longitudinal and transverse register controls that can be

seamlessly combined with all available equipment options.

Ideally suited for high-volume production runs exceeding 10,000 linear metres, the Gallus Labelmaster is designed to meet the demands of a wide range of applications – from retail, logistics and food, to beverage, pharmaceutical, household, cosmetics and personal care, all the way to the premium wine and spirits sector.

Max. 200 m/min

Max. 14 print stations

340 / 440 / 570 mm
printing width

Straightforward and Reliable Technical innovation and robust design ensure premium print results



Short web path and ease of use

The Gallus Labelmaster impresses not only with its flexibility, but also during operation. A short web path of only 1.4 m from printing unit to printing unit, short makeready and setup times, as well as perfect register reduce waste right from the start.



Optimised ink chamber

The optimised ink chamber ensures perfect ink transfer to the anilox rollers at all times, with low splashing and reduced foaming. In addition, the optimised ink fountain for the chamber doctor blade requires only 250 g of ink, which reduces ink usage and costs.



Servo-driven printing cylinders

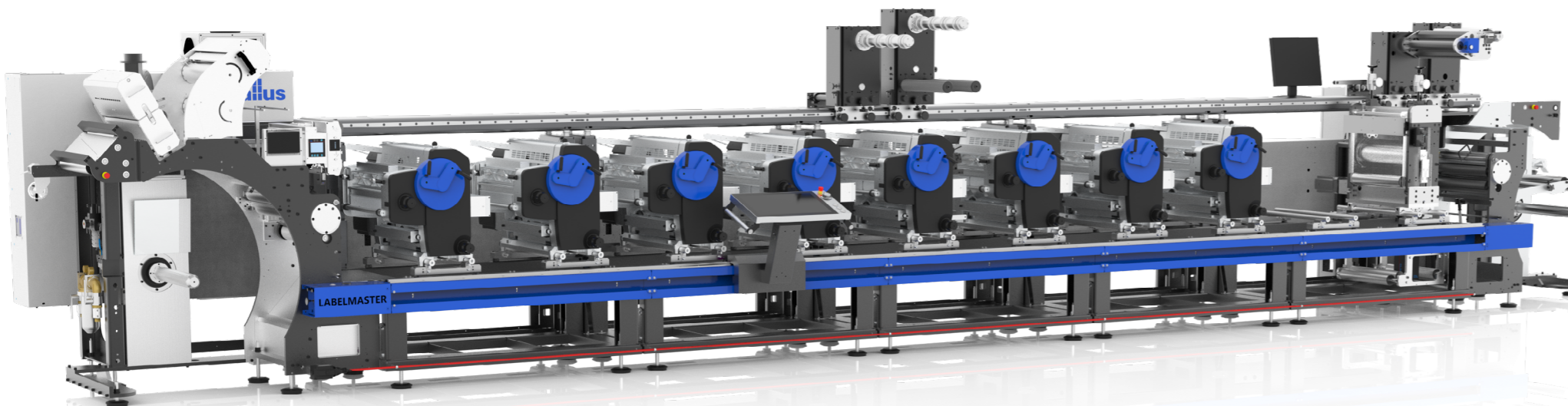
The Gallus Labelmaster's robust design makes it ideal for day-to-day industrial operations. Two servomotors in the flexographic printing unit drive both the printing cylinder and anilox roller, thus ensuring typical premium Gallus print quality.

Simple, Fast and Profitable User-centric design for maximum press efficiency

Despite its extensive modular capabilities and exceptional flexibility, the Gallus Labelmaster is remarkably intuitive to operate – thanks to intelligent presetting functions and a user-friendly interface.

All product lines are designed with ease of use in mind, allowing operators to quickly become familiar with the system.

Simplicity, speed and reliability are at the core of the Gallus Labelmaster – from the effortless changeover of lightweight aluminium printing cylinders to the fully integrated operation via the intuitive HMI touch panel or directly at the press. At Gallus, we refer to this as “best-spot interaction” – a design philosophy that puts the operator in the optimal position for efficient and precise control at every stage of production.



To get more information regarding the technical specifications of the Gallus Labelmaster, please scan this QR code or visit: gallus-group.com

Gallus Ferd. Rüesch AG
Harzbüchelstrasse 34
9016 St. Gallen, Switzerland
Phone +41 71 242 86 86
gallus@heidelberg.com
www.gallus-group.com

Heidelberger Druckmaschinen AG
Kurfürsten-Anlage 52 – 60
69115 Heidelberg
Germany
Phone +49 6221 92-00
Fax +49 6221 92-6999
contact@heidelberg.com
Further details at:
heidelberg.com