



gallus
A Heidelberg Group Company

Gallus ECS 340

One for all.



Maximum productivity and cost-efficiency in label printing.

Rising cost pressures, complex label designs, shrinking run lengths and just-in-time deliveries – the label market is constantly changing. That calls for efficient, cost-effective label production. The Gallus ECS 340 is the best-selling machine system in its class and is the perfect way to cut costs while simultaneously boosting productivity.

A machine system with character

The Gallus ECS 340 is a quiet, user-friendly and exceptionally cost-effective printing press for commodity labels. It features a configuration that focuses on what is essential and can be expanded freely by 2 modules at a time. Thanks to its technical granite core, it offers an exceptionally long service life and runs exceptionally smoothly and quietly.

At a glance

- An exceptionally short web path of just 1.1 metres between printing units
- Use of tried-and-tested Gallus technology – anilox roller and printing cylinder sleeves, job presetting function
- Excellent substrate flexibility and minimal setup times due to full servo-drive integration
- Flexographic, screen and cold foil printing methods





Gallus ECS 340 – A cost-efficient, quiet and user-friendly press for labels with a configuration that focuses on what is essential.

Gallus ECS 340

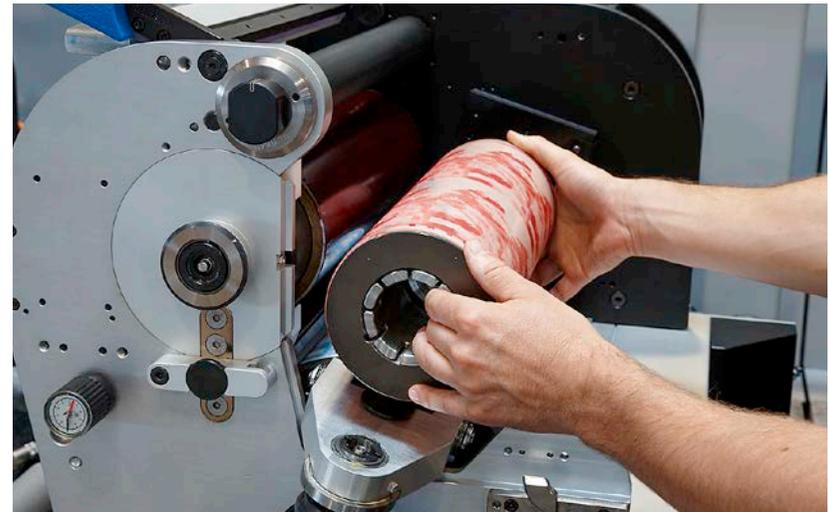
Maximum efficiency

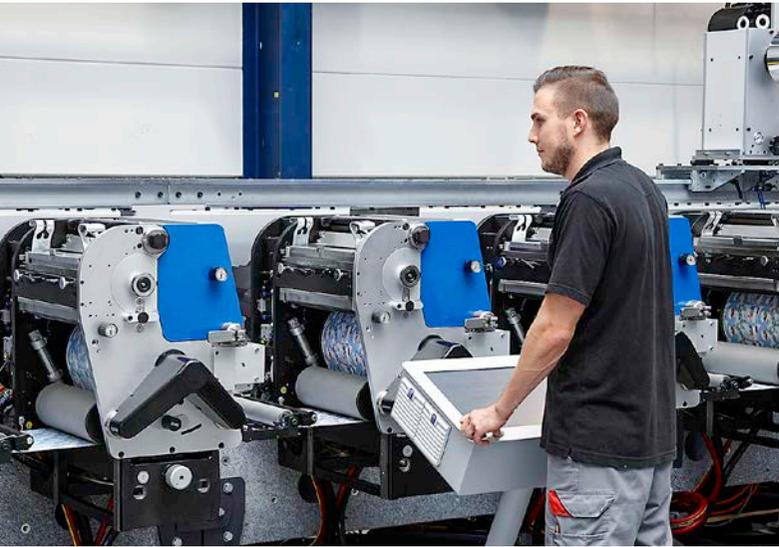
Equipped with cutting-edge technologies, the Gallus ECS 340 is ideally configured for outstanding operational efficiency. The combination of servo drives and automation functions such as presetting, register control and dynamic feed is unique. All these elements work together to safeguard the outstanding productivity of the Gallus ECS 340 and ensure it delivers consistent, easily reproducible quality of the highest standard.

The sliding control panel with touchscreen and user-friendly menu navigation.

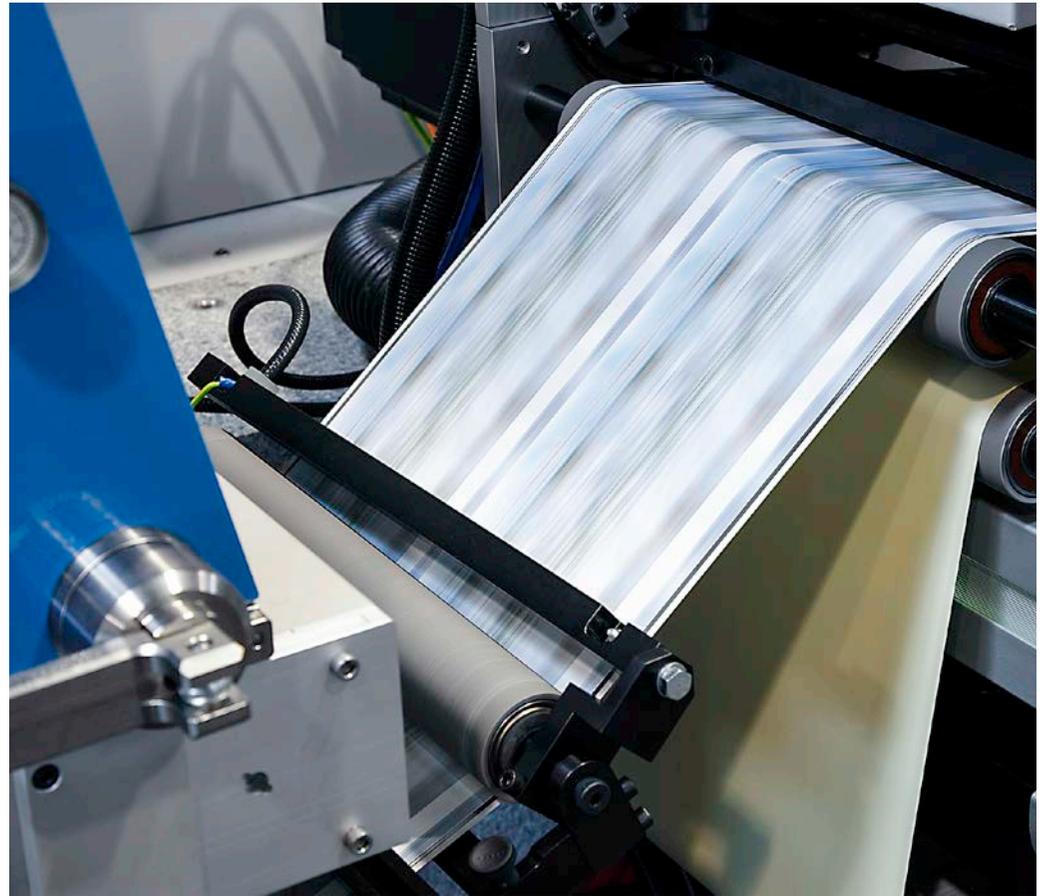


Exceptionally short setups times and super-fast job changes thanks to sleeve technology and chambered blades.





Everything under control, thanks to sliding HMI.



The extremely short web path and the high process diversity characterize the Gallus ECS 340.

Gallus ECS 340

Quality and precision – the all-important difference

Print results that exhibit consistent quality are the all-important difference to printing on the Gallus ECS 340. That is just one reason why this short web path label printing press has been so hugely successful and become the best-selling press in its class since it was launched. In the label printing industry, the Gallus name is a byword for quality and precision.



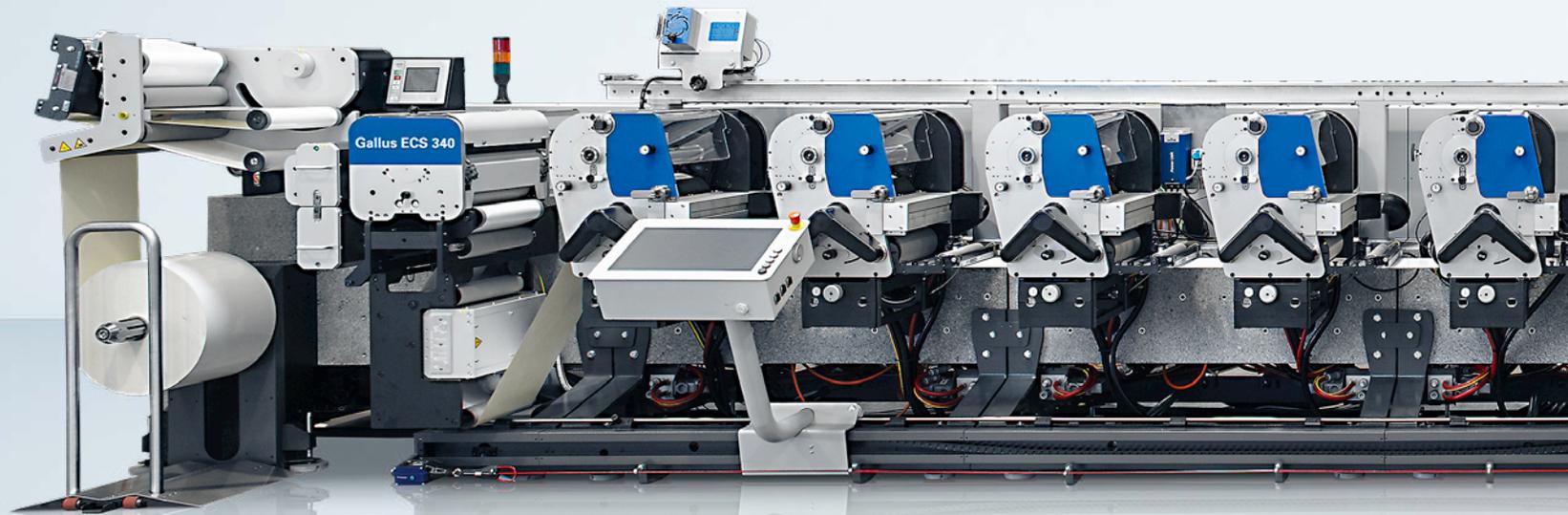
Intuitive touchscreen control.



Frontloading anilox sleeve permits quick and easy exchange.

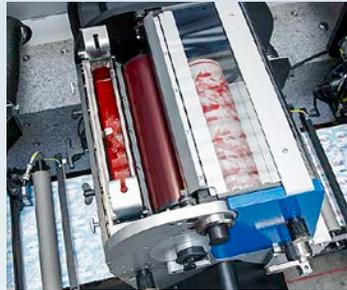


A shorter web path reduces material waste.





Each print head allow maximum substrate flexibility – even tube laminate.



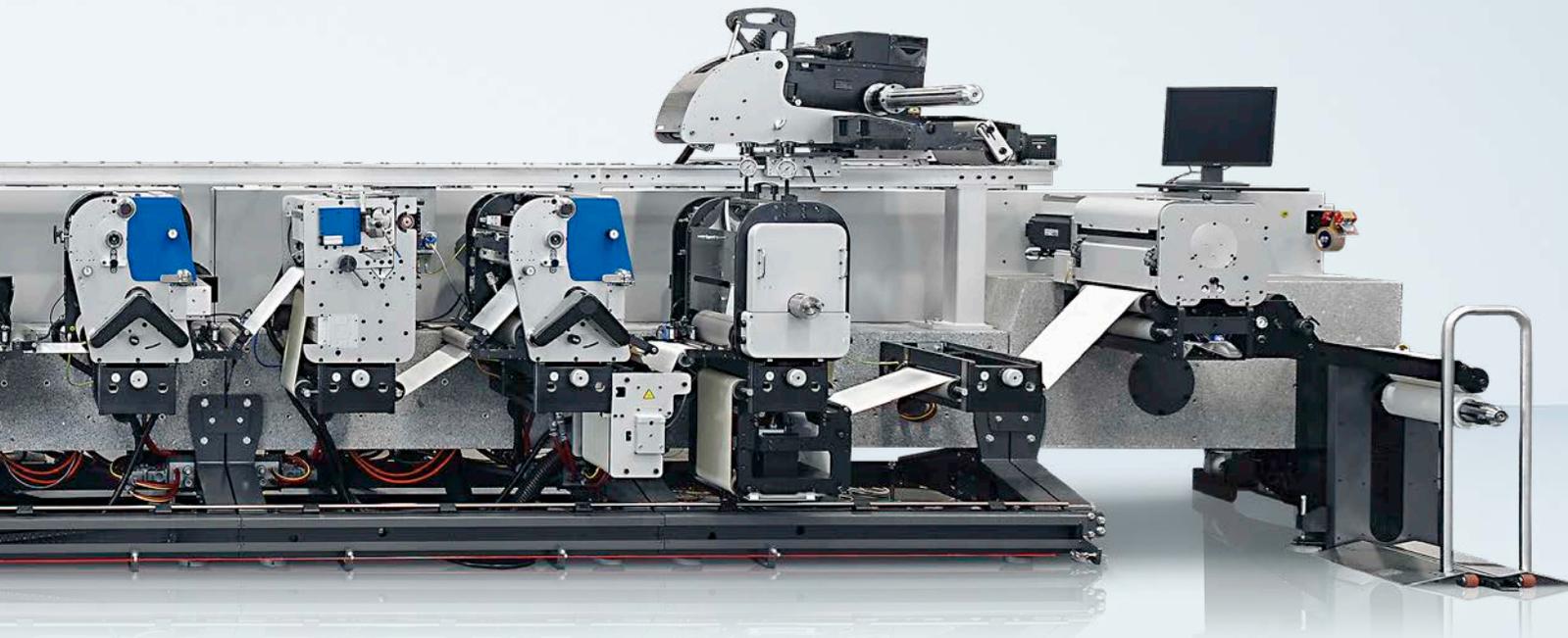
Chambered doctor blades enhance fast color change.



A sturdy top rail makes mounting and moving press assemblies extremely easy.



Straightforward and reliable – the screen printing unit with servo drive technology.

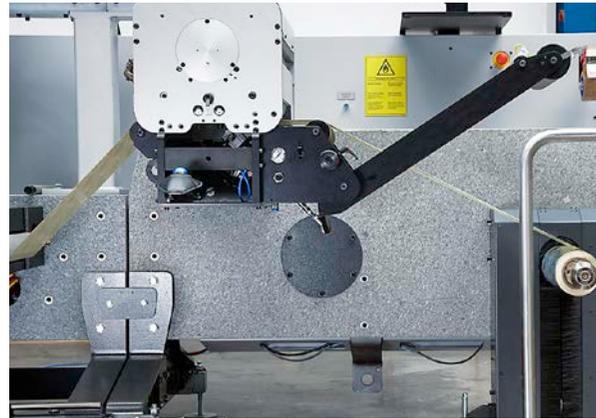


Gallus ECS 340

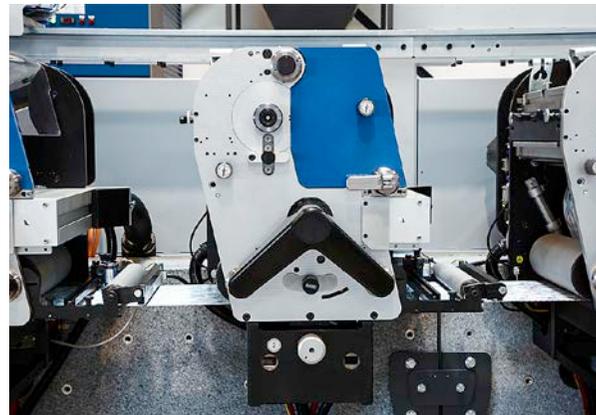
Cost-effective on the fly

Top speed label production at exceptionally low costs – that is the Gallus ECS 340. The shortest web path in the label printing industry and outstanding press efficiency ensure that production waste is hugely reduced. Even at high speeds, the Gallus ECS 340 runs extremely quietly and smoothly, which is down to the machine's solid and robust granite core, which exhibits excellent damping properties. It is also a material that doesn't conduct electricity and isn't magnetic, which helps to counteract any build-up of static charges on the press.

Designed as a modular system, the Gallus ECS 340 can be freely extended as required, 2 modules at a time. As a result, it supports the flexible use of a whole range of applications and embellishing techniques such as flexographic and screen printing, cold foil and rotary die-cutting. Moreover, the Gallus ECS 340 uses tried-and-tested Gallus sleeve technology. Aluminium printing cylinder sleeves ensure high printing quality with consistent reproducibility and maximum ageing stability throughout their entire service life.

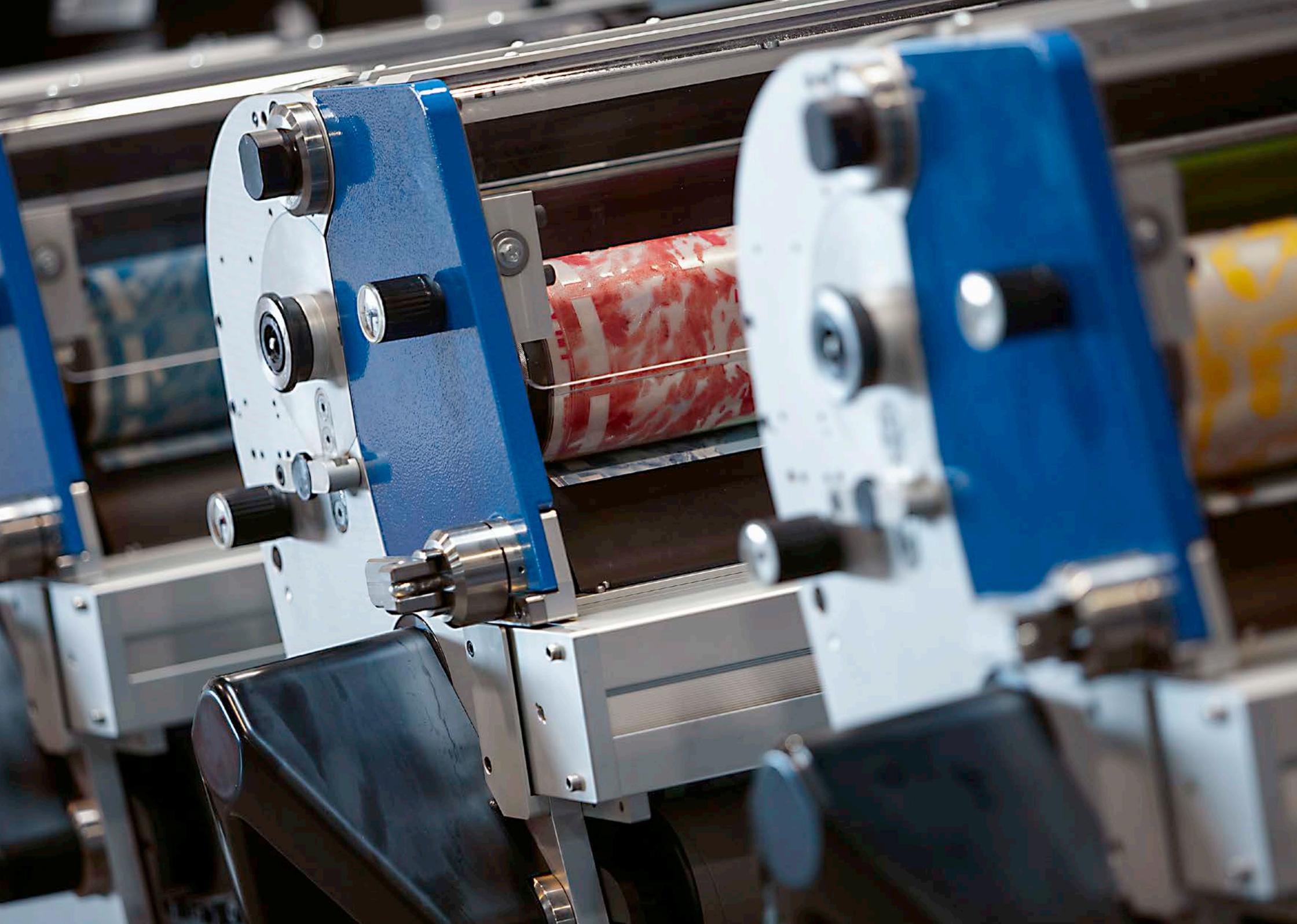


Thanks to its granite core, the press has a particularly long service life and is quieter than any other machine in this class.



The extremely short web path of just 1.1 m minimizes waste and maximizes profitability.





Gallus ECS 340

Technical specifications

Machine System Gallus ECS 340

Machine specifications

Mechanical machine speed max.	165 m/min	541 ft/min
Web width max.	340 mm	13.4"

Printing

Printing width max.	340 mm	13.4"
Format length max.	508 mm	20"
Format length min.	*1) 254 mm	*1) 10"
Number of print operations max.	12	

Drying

UV	✓
Hot-air drying	✓

Rotary processing

Web width max.	340 mm	13 3/8"
Processing width max.	340 mm	13.4"
Format length max.	508 mm	20"
Format length min.	254 mm	10"
Number of processing operations max.	4	

Substrates

PS materials	50 – 200 μ standard
Paper	50 – 250 μ standard
Cardboard	on request
Monofoil label materials	on request
Tube laminates	on request

Remote diagnosis

✓

All technical data represent approximate values. Gallus reserves the right to make mechanical and design modifications.

*1) Screen from 269.9 mm / 10 5/8"

Gallus Services

Gallus Customer Service – completely individually

Technology Support

Innovation gives our customers a crucial competitive edge. The experienced Gallus team provides them with optimum coordination of print and finishing options, application tests and professional consulting and support for all operational processes.

Customer Support

The press's availability has a major impact on production, determining, for example, whether delivery times are met and production costs kept within budget. Through continuous and long-term maintenance, we help our customers minimize production stoppages and maximize press availability.

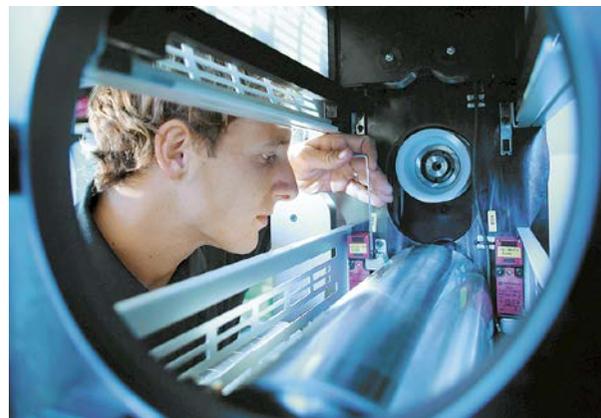


Gallus Original Parts & Consumables

A chain is only ever as strong as its weakest link. An insignificant fault can have a huge impact – if a sensor fails, for example, this can shut down an entire press or reduce print quality. Printing accessories, original service parts and overhauls are just a few other factors affecting print quality.

Gallus Training

Employee expertise in using and maintaining a press is a key success factor in maximising productivity and print quality. We provide support to our customers with various training options, either at the Gallus customer centre or directly at the customer's premises.



Gallus Rotascreen – simple integration for optimum results

Screen printing is an excellent option particularly when good coverage, precise detail and colour intensity are needed to obtain brilliant, high-quality images. The Gallus rotary screen printing units can be easily integrated into most Gallus machines. Printing systems using screen printing in combination with letterpress printing, flexographic printing and hot foil embossing are supported alongside a variety of processing functions. The printing units can be easily replaced, which means that the machine system can be reconfigured for every printing job.



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Achieving these values and numbers depends on a variety of factors and circumstances that are outside the control of Gallus/Heidelberg (e.g. machine settings, technical conditions, ambient conditions, raw materials and supplies used, consumables used, standard of care and maintenance of the machine, expertise of the operator, etc.). They therefore constitute neither characteristics of the machine nor a guarantee.

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