

Gallus TCS 250

The Gallus TCS 250 combines a wide range of printing, processing and finishing options to suit all requirements. As a pioneer in the use of servo-controlled single-drive technology for the label market, the Gallus TCS 250 really flexes its muscles. The modular extendibility of this machine system makes it the first choice, especially for labels with the highest quality specifications. Employing translatory printing technology, the Gallus TCS 250 is ideal for the cost-effective production of small and medium-sized runs of up to 100,000 copies. The elimination of format-dependent printing accessories cuts job-specific costs, while the short setup and changeover times make the Gallus TCS 250 extremely economical to run.

Description

Modular design, centrally operated from a mobile touch-screen control panel. Electronically controlled web feed systems with alternating, paced and continuous web feed. High level of automation with software-controlled presets and remote diagnosis via broadband connection.

Printing processes

Offset, rotary screen printing, hot foil embossing and UV varnishing, separately or in combination. Can be extended up to 12 printing positions.

Processing

Flatbed die-cutting unit. Can be combined with flatbed relief embossing unit.

Strengths and applications

The outstanding format variability and superb user friendliness make this system extremely cost-effective. No format-dependent printing accessories, short setup and changeover times and a low level of waste. Wide range of high-quality printing and processing combinations.



All the ancillary units required to produce top-quality labels can be integrated in the compact and space-saving infeed section.



The UV offset printing unit for the most demanding motifs. Greatly reduces costs because no format-dependent printing accessories are needed; quick and easy to set up.



The Gallus Rotascreen rotary screen printing unit is the ideal addition for combination printing, for areas of solid colour or effective picture features.



A high-quality finish can be achieved even more cost-effectively with the hot foil embossing unit in the printing section, especially with the optional super economy control.



Flatbed die-cutting and relief embossing unit: added value combined with modest tool costs. High process accuracy thanks to multiple setting and adjustment options.



State-of-the-art control and single-drive technology for safe and easy operation. Quick access to all functions on the mobile touchscreen control panel.

Technical specifications		
Machine specifications		
Mechanical machine speed max. *1)	11'000 cycles/h	
Web width max.	265 mm	10 27/64"
Web width min.	130 mm	5 7/64"
Printing		
Printing width max. *2)	254 mm	10"
Format length max.	254 mm	10"
Format length min.	101.6 mm	4"
Format length increment (variable)	3.175 mm or 0.01 mm	1/8" 0.0004"
Number of printing operations max.	12	
Drying		
UV		✓
Flatbed processing		
Processing width max.	254 mm	10"
Format length max.	254 mm	10"
Format length min.	101.6 mm	4"
Format length increment (variable)	3.175 mm oder 0.01 mm	1/8" 0.0004"
Number of flatbed processing units max. *3)	3	
Substrates		
Self-adhesive materials		standard
Paper		approx. 100 to 180 g/m ²
Cardboard		up to approx. 300 g/m ² at max. 0.3 mm (0.012") thickness
Special substrates		on request
We reserve the right to change the specifications		

*1) Dependent on printing process and format length

*2) With mark at 256 mm

*3) 2x flat relief embossing unit, 1x flatbed diecutting unit

