

Gallus TCS 250

The Gallus TCS 250 combines a wide range of printing, processing, and upgrading options to suit all requirements. The way in which this machine system can be expanded using modules makes it the first choice, especially for labels with the highest quality specifications. As its intermittent printing technology, the Gallus TCS 250 is ideal for producing small and medium size runs of up to 100,000 units economically. First, it requires no format-dependent printing accessories, so order-specific outlay is correspondingly reduced. In addition, the short set-up and re-setting times make the Gallus TCS 250 extremely economical.

Features

Modular structure, centrally operated via a mobile touch-screen panel. Electronically controlled web transport systems suited to each stage of production. High level of automation with software controlled programmes with remote modem diagnosis for added security.

Printing processes

Offset printing, letterpress, rotary screen printing, hot foil stamping 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 embossing unit.

Benefits and areas of application

It is very economical thanks to complete format variability and high degree of user-friendliness. It features short set-up and reset times and a low level of waste. No format-dependent printing accessories. Multiple high-quality processing combinations.



All the necessary additional components required for manufacturing top-quality labels can be integrated in the compact and space-saving infeed section.



Latest control and single-drive technology for safe and easy operation. Easy access to all functions via the mobile touch screen panel.



The UV offset print unit for the most demanding tasks. Reduces costs, because no format-dependent printing accessories are needed; quick and easy to set up.



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



A high quality finish can be achieved even more economically with the hot foil stamping unit in the printing section.



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

Technical specifications

Printing machine specifications

Maximum mechanical machine speed *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"
Repeat length max.	254 mm 10"
Repeat length min.	101.6 mm 4"
Repeat length increment (variable)	3.175 mm 1/8" or 0.01 mm 0.0004"
Number of printing operations max.	12

Drying

UV

Flat processing

Processing width max.	254 mm 10"
Repeat length max.	254 mm 10"
Repeat length min.	101.6 mm 4"
Repeat length increment (variable)	3.175 mm 1/8" or 0.01 mm 0.0004"
Number of flat processing units max.	3

Substrates

PS-materials	standard
Paper	ca. 100 to 180 g/m ²
Carton board	up to ca. 300 g/m ² , with max. 0.3 mm/0.012" thickness
Special substrates	on request

All rights hereby reserved to change the specifications

*1) depends on printing process and repeat length

*2) plus register mark

