

Gallus EM 280

The Gallus EM 280 is the ideal machine for the cost-effective production of high-quality self-adhesive labels in short to medium-sized runs. It is easy to operate, allows the flexible combination of printing processes and has a quick-change platform for short changeover times, all of which makes it ideal for anyone starting out in water-based (WB) and UV flexographic printing. It can also be upgraded to handle rotary screen printing, hot foil embossing and cold foil printing.

Plug & print – ideal gateway to the label printing sector.

Features

Open, modular design for ease of operation and the flexible use and expansion of printing units. The hot foil embossing and cold foil printing units can be used in any position. Centralised and decentralised register adjustment with the press either running or at standstill. Excellent register accuracy, infinitely variable length register and all working positions in the cross-register can be adjusted by +/- 5 mm. Also fitted with a quick-change platform to change printing processes in minutes.

Printing methods

Water-based (WB) and UV flexographic printing, rotary screen printing, hot foil embossing and cold foil printing are all available in interchangeable positions.

Processing

Rotary diecutting, slitting.

Strengths and areas of application

Flexible and versatile combination of printing processes. The quick-change platform and rapid ink-change system ensure short setup times for each job. Easy to operate and stable.



Separate printing units for shorter setup times, reduced waste and greater productivity.



The quick-change platform makes it easy to change between printing units.



High print speeds thanks to the chambered doctor blade.

Technical specifications

Machine specifications

Mechanical machine speed max.	150 m/min.	492 ft/min.
Web width max.	282 mm	11"

Printing

Printing width for flexographic printing max.	280 mm	11"
Format length for flexographic printing max.	457.2 mm	18"
Format length for flexographic printing min.	203.2 mm	8"
Printing width for rotary screen printing max.	270 mm	10 5/8"
Printing width for rotary screen printing min.	130 mm	5 7/64"
Format length for rotary screen printing max.	533.4 mm	21"
Format length for rotary screen printing min.	269.9 mm	10 5/8"
Printing width for hot foil embossing with web width max.	280 mm	11"
	282 mm	11 6/64"
Format length for hot foil embossing max.	552 mm	21 3/4"
Format length for hot foil embossing min.	280 mm	11"
Format length increment	3.175 mm	1/8"
Number of print operations max.	12	

Drying

UV	✓
Hot-air drying	✓

Rotary processing

Processing width max.	280 mm	11"
Format length max.	457.2 mm	18"
Format length min.	203.2 mm	8"
Format length increment	3.175 mm	1/8"
Number of processing operations max.	5	

Substrates

PS materials	standard
Paper	from approx. 60 g/m ²
Monofoil label materials	on request
Cardboard	on request

All rights reserved to change the specifications

