

embellixx

digital foiling and UV coating machine



digi**book**⁺
technology

embellixx

digital foiling and UV coating machine

The embellixx is a state-of-the-art digital embellishment machine for UV-Varnish and cold foiling, with inkjet printing for spot UV-coating. The embellixx delivers amazing results on applications such as boutique packaging boxes, cosmetics packaging, photo albums, high-end products enhancement, brochures, business cards, and other creative products. It excels at embellishing personalized lots commonly used in the print-on-demand industry.

The embellixx can varnish and foil some products simultaneously; multiple rolls of foil can also be stamped at the same time. The embellixx can do spot-coating via inkjet drops, using 8 printing heads for an optimal quality.

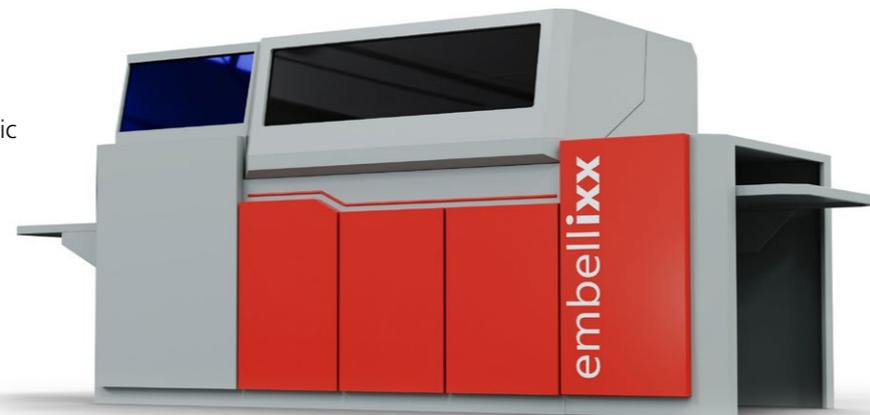
It uses the COOLFLASH™ digital effect technology for a stronger three-dimensional sense and visual impact for an enhanced customer experience.

Special features

- ▶ Paper stacker with suction cups for high-speed feeding.
- ▶ Full-picture inline scanner.
- ▶ Image registration cameras achieve automatic correction of process position and angle deviation without positioning marks.
- ▶ High-precision suction belt for high-speed paper transport.
- ▶ 5 Fuji inkjet printhead modules enable single-pass raised UV (3D)- printing.

Options

- ▶ **Multi-pass printing** can be implemented according to products requirements.
- ▶ **Quick replacement** design for foil materials.
- ▶ **Three different color stamping** foils can be installed simultaneously.
- ▶ **Printing nozzles** with long operation life and low maintenance and repair costs.
- ▶ **Simultaneous UV varnishing and cold foiling** of some products.
- ▶ Compatible with offset, inkjet, electroInk prints as well as laminated toner prints.
- ▶ User interface available in **several languages** including English.

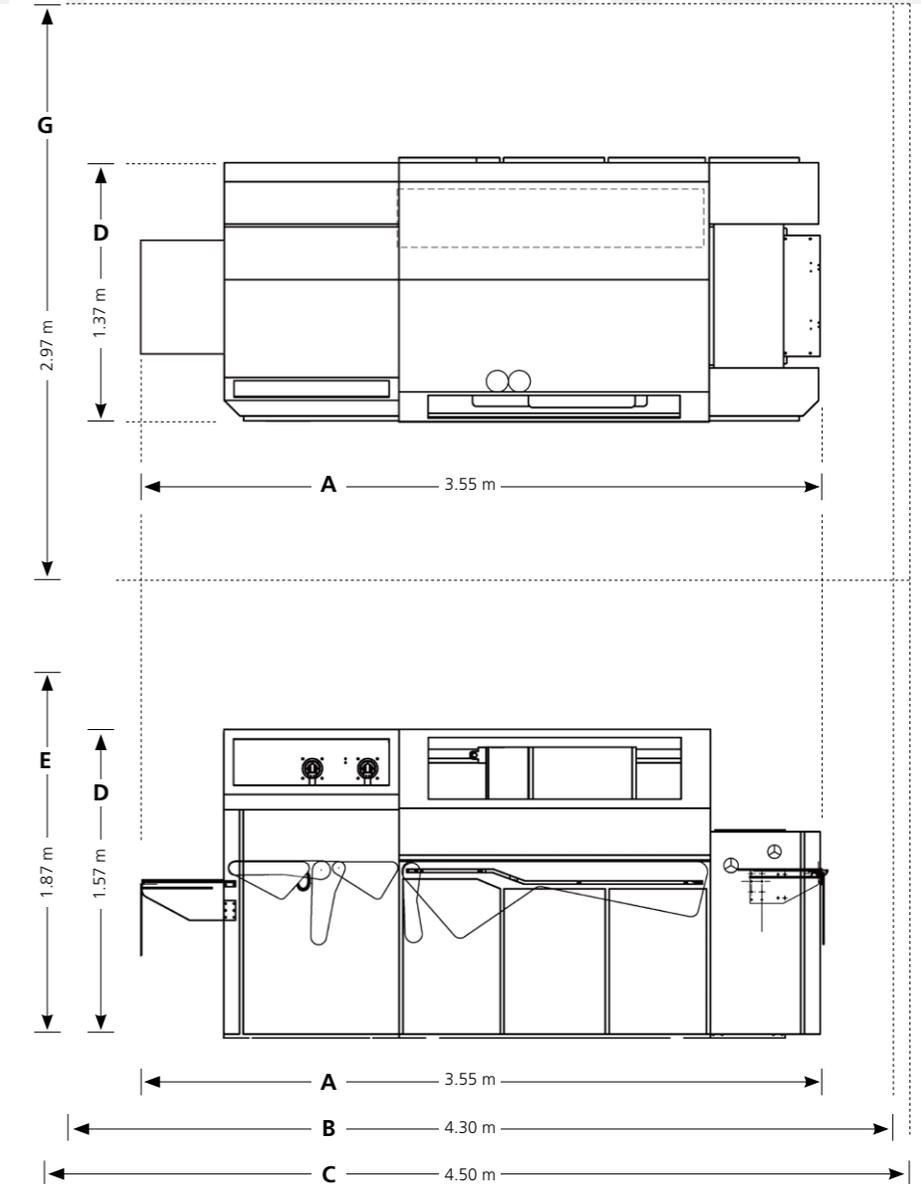


Operation

The embellixx operator imports the printing files in the proper file format to the user interface on the working station and selects them on the touch-screen. A paper feeding mechanism based on an offset paper feeder transports the sheets to the paper path conveyor, where the sheets are maintained in place by a vacuum to guarantee an exact registration. The printed sheets are subsequently embellished depending on the customer's requirements.

- A = Length machine closed
- B = Length machine open
- C = Overall operating space length
- D = Height machine closed
- E = Height machine open
- G = Machine width + operating space

embellixx



Technical specifications

embellixx

Production speed	according to thickness* 15 - 25 m / min (49.2 - 82.0 ft / min) according to sheet size 1'000 – 2'500 sheets / h
Sheet size*	min. 210 mm x 290 mm (min. 8 5/16" x 11 7/16") max. 330 mm x 580 mm (max. 13" x 22 13/16")
Max. print width*	320 mm (12 9/16")
Registering precision*	≤± 0,07 mm
Resolution	2400 x 400 DPI
In-line scanner*	Full pictures
Jet printing height*	0.01 mm – 0.3 mm (in production mode)
Applicable sheet thickness	120 – 500 gsm
Cold foiling	up to 3 rolls simultaneously
Electrics	9 kW, 380 V, 3 PNE, 50 Hz
Compressed air	> 0.6 MPa
Floor space (closed)	1.37 m x 3.55 m (4,5 ft x 11,7 ft)
Weight	approx. 2'100 kg (approx. 4'630 lbs)
Compatible materials	coated papers, metallic papers, inkjet, elektroInk and offset prints, toner-based prints only when laminated, laminated papers if Dyn value is 38, PET films, kurz foil films

*) In case of deviations between inch and mm, mm is considered binding.

Technical specifications subject to change without notice

Digibook Technology Sagl
Via Angelo Maspoli 21
CH- 6850 Mendrisio, Switzerland
T +41 91 6467930
F +41 91 9932250
info@digibook.tech
www.digibook.tech

Digibook Service GmbH
Steinbergstraße 3
DE- 04288 Leipzig, Germany
T +49 34297 919709
F +49 34297 919711
service@digibook.tech
www.digibook.tech

Digibook Technology USA, Inc.
7905 North Route 130
Pennsauken, NJ 08110, USA
T +1 510 507-3811
info@digibook.tech
www.digibook.tech