

Helmut

Digital embellishment with varnish, cold foil and hot foil. Up to 1,150 mm web width.



Web width up to
1,150 mm

Speed
50 m/min

Rental programme
Platinum

Technical data

Max. web width	1,150 mm
Max. speed	50 m/min
Print resolution	600 DPI

Application and equipment

Business area	Converting
Machine type	Hybrid / combination system, Modular, Standalone
Web width classes	120 mm (Desktop), 220 mm (Compact), 330 mm (Standard), 350–370 mm (Extended), 420 mm (Mid-Volume), 450 mm (Special), 550 mm (Pro), 800 mm (High-End)
Applications	Digital printing (inkjet), Label converting, Cold foil embellishment, Varnishing / embellishment, Die-cutting
Printing technologies	Flexo printing (semi-rotary), UV inkjet
Die-cutting methods	Semi-rotary, Full rotary
Embellishment	UV varnish (inkjet)
Industries	Chemicals, Food & Beverage, Industrial / automotive, Cosmetics / beauty, Logistics / supply chain, Pharma / healthcare, Retail / fashion

Description

Helmut: inkjet-based digital embellishment of printed webs.

Its unique design makes it possible to feed webs embellished in the machine back to the unwind. Removing the rolls and time-consuming rewinding on separate machines are therefore no longer necessary. This allows not only different designs to be printed in several passes but even very thick varnish applications to be built up on a printed web. In addition to fine structures, clearly tactile hazard symbols and even Braille can be produced digitally on the printed web. A web guide ensures reliable web travel, while web cleaning and corona treatment ensure an optimal embellishment result. After embellishment, the print image can be checked by static monitoring. This means the print can always be positioned and checked in exact register, and customer complaints can be avoided.

The Helmut embellishment systems are available in different versions and web widths from 370 mm up to 1,150 mm.

Highlights of the Helmut:

- Web transport in both directions
- Web widths up to 1,150 mm available
- precise varnish printing in several passes
- high application thicknesses for embellishments, hazard symbols and Braille
- configurable in different ways

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Rent the machine, produce under real conditions and decide afterwards. If you buy, part of the rent is credited.

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Consultation and quotation

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Despite careful checking, all information is provided without guarantee. Values depend on configuration and equipment. Subject to technical changes.