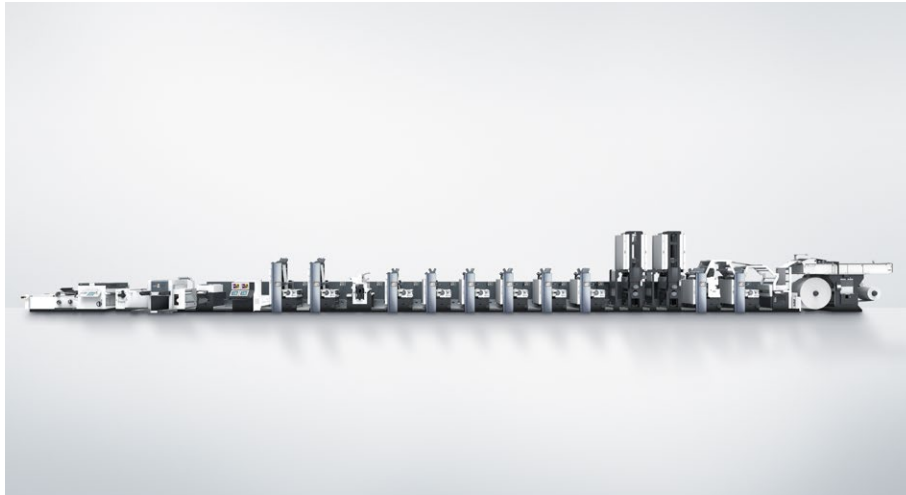




Technical information Heidelberg ICS.



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The ultimate in printing and value-adding

The Heidelberg ICS series is a revolutionary inline converting system that combines modular, easily exchangeable printing and value-adding modules in a single machine. The modular EVA (Easy Value Add) platform concept makes the ICS the only webfed press that can be flexibly adapted to your job requirements.

Finishing makes the difference. Using our unique inline converting system, value-added packaging is produced from the roll to the finished die-cut blank in a single pass. In addition to die-cutting, you can integrate other finishing processes that are time-consuming and cost-intensive when done offline. Cold foil printing, hot foil embossing, rotary screen printing and laminating can all be integrated smoothly by means of easy-to-change modular units. You can even add fixed-position rotogravure print decks for the elegance and strong color that only gravure can deliver. Water-based, solvent-based and UV inks can be processed individually or in combination. The folding carton press ensures stable processes throughout the job. Additional highlights are the press's outstanding production efficiency, minimum waste and ergonomics.

Meeting any challenge – today and tomorrow. The open interface architecture ensures that integrating and retrofitting new modules and printing methods is easy – whether today or in the future.

Trademarks

Heidelberg and the Heidelberg logotype are registered trademarks of Heidelberger Druckmaschinen AG in the U.S. and other countries. All other trademarks are property of their respective owners.

You can find data on the emissions of the Heidelberg ICS at heidelberg.com/emissiondetails

Subject to technical modifications and other changes.



Heidelberg ICS.

Highest flexibility in folding carton converting.

Technical data

The Heidelberg ICS inline converting system allows a wide range of applications and excels in the production of complex, highly finished products for tobacco, cosmetics, confectionery, pharmaceuticals and nutraceuticals, luxury drinks and any other carton product requiring value-added finishing. The ICS is available in 2 processing widths of 670 and 850 mm.

Heidelberg ICS	ICS 670	ICS 850
Max. machine speed	350 m/min. (1,150 ft/min.)	350 m/min. (1,150 ft/min.)
Max. print width	670 mm (26 in)	850 mm (33.5 in)
Repeat range	330 – 820 mm (13 – 32 in)	330 – 820 mm (13 – 32 in)
Running direction	right -> left	right -> left
Substrate		
Max. material width	690 mm (27 in)	870 mm (34.25 in)
Material weight	80 – 600 g/m ² (17 – 123 lbs/MSF)	80 – 600 g/m ² (17 – 123 lbs/MSF)
Max. material thickness	750 µm (30 pt)	750 µm (30 pt)
Available substrates	Paper, carton, further on request	Paper, carton, further on request
Printing methods	HiDef flexo printing™, backside printing (optional)	
Optional value-adding methods	Laminating, hot foil stamping, hot foil embossing, rotary embossing, cold foiling, screen printing, rotogravure printing, digital imprint, rotative stamping and punching, UV casting, flexo finishing	
Ink system	UV inks, water-based inks, solvent-based inks (only in rotogravure printing)	
Drying system	UV curing, hot-air drying	
Machine configurations	Roll to roll, roll to flatbed die-cutter Heidelberg FCL, roll to rotary die-cutter, roll to sheeter, further configurations on request	
Optional equipment	Non-stop unwind, web treatment, corona device, Heidelberg FCL 670/850, rewind unit, plate mounting device, flexo washing device, slitter, 100 % inspection control, pre-shrinking unit, stacking device	

Benefit from our long-term experience

Based on our decades of experience in the folding carton business, we even manage the most challenging installations worldwide. In cooperation with you, we will find the customized webfed solution that works perfectly for you.

Sample configurations	Tobacco	Confectionery	Cosmetics & Pharma	Luxury drinks
Machine system	ICS 670	ICS 670	ICS 670	ICS 850
Ink system	Solvent-based, water-based, UV	Water-based	Water-based	UV
Machine speed	220 m/min. (720 ft/min.)	220 m/min. (720 ft/min.)	220 m/min (720 ft/min.)	220 m/min (720 ft/min.)
Printing units	14	10	12	12
Value-adding modules	Hot foil embossing Cold foil application Screen printing Gravure printing Inline laminating Varnishing variants (water-based and UV)	Hot foil embossing Inline lamination Varnishing module	Hot foil embossing Cold foil application Screen printing Inline laminating Varnishing module	Hot foil embossing Relief cut engraving Cold foil application Screen printing Inline laminating Varnishing module
Drying system	Hot-air dryer & UV curing	Hot-air dryer	UV curing	UV curing