



TRESU is a highly specialized company offering flexoprinting machines and ancillary products and concepts for flexo, digital and offset printing as well as customer service and technical support.

TRESU has 40 years of experience and expertise in the development, production and maintenance of engineered solutions and supplies directly to end-customers, OEMs and partners worldwide.

TRESU has production facilities in Denmark and sales companies in USA, Germany, Italy, Japan and China as well as an international agency network providing local support and know-how.

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Inline flexo printing on paper and cardboard

Flexo Innovator Series



TRESU Flexo Innovator

TRESU Flexo Innovator offers unique capabilities to create products with a high quality flexo print with various special coatings in a single-pass, at the lowest cost to print and highest productivity.



Troy Walls, CEO Aspen: "I set forth the expectations of what I wanted the press to do and the team at TRESU helped me find the solutions, that would provide those abilities. I think TRESU has done very well with support. I think it has been a great partnership"

High Quality - High Output

HD printing plates combined with a state-of-the-art register system secure the same high quality seen in offset and gravure and combine all the benefits from flexo, where thick coatings and multiples coatings can be applied on top of each other by the individual drying system on each unit.

TRESU is the world's leading supplier of flexo printing machines in several product segments with more than 75 installations world-wide of the Inline Flexo printing presses alone and additional hundreds of flexo printing, coating and gluing machines and ancillary equipment.

Scratch Off Lottery and Security Printing

The Flexo Innovator is the industry standard, printing more than 70% of all the products world-wide. Typically, the configuration for this segment has 16-22 flexo printing and coating units and multiple digital printing heads, which prints at 400-600 m/min (1,300 - 1,475ft/min) in widths between 350 (13.8") and 1.100mm (44").



Liquid Packaging and Folding Carton

The Flexo Innovator can be configured up to 1.700mm (67") in width and is used for liquid packaging and folding carton by some of the biggest converters in the world for products like aseptic and liquid packaging, paper cups, plates and general folding carton.

Technical data - specifications of TRESU Flexo Innovator Series						
Web width, max.	670mm (26")	670mm (26")	900mm (35")	1.100mm (43")	1.400mm (55")	1.700mm (67")
Web width, min.	335mm (13")	335mm (13")	450mm (14.4")	550mm (21.6")	700mm (27.5")	850mm (33.5")
Repeat length, max.	1.066mm (42")					
Repeat length, min.	508mm (18.5")					
Production speed, max.	400, 600 or 800m/min (1,300, 2,625 or 1,968ft/min)					
Register print	Front: +/- 0,08mm (3 thousands) Front/back: +/- 0,25mm (10 thousands) (Sigma 1)					
Substrates	Uncoated/coated/metallized paper board 4-30pt (60-600gsm)					
Unwinder	Flying splice with options					
Rewinder	Flying splice with options					
Backside printing	Optional					
Inline die-cutting	Optional: Platen or Rotary cut, perforation and crease					
Inks & Coatings	Water, solvent and UV					
Drying & curing	Hot-air, UV, LED-UV and E-Beam					