

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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TRESU

Modular and automated for fast job changes

TRESU iCoat II



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Automated coater for fast job changes

TRESU iCoat II is designed for fast job changes and lean sheetfed digital printing. Responding to customer demands, we now present an offline coater, that also matches digital printing requirements for fast job changes and the ability to turn on a dime, when switching to a new task.

On top of this, the TRESU iCoat II coater is designed on a modular platform, on which you can combine a range of different modules to configure the machine exactly to your needs.

Buy what you need - no more, no less.



Efficient design features for short-run digital print jobs

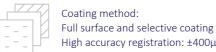
- 30-second job change with fast sleeve change technology no tools required
- HMI with recipe storage for frequent and complex job settings
- Proof tray with on-the-run proofing
- Proven TRESU chamber doctor blade system and varnish supply
- Automatic cleaning at the push of a button







Sheet size: Max: 750 x 530 mm/29.92"x 20.87" Min: 510 x 330 mm/20.08"x 12.99"



Versatile combi coater for general folding carton

GFC production often requires many different types of coating and the solutions is a combi-configuration with separate circuits for fast response to changes between WB and UV coating jobs.

- Dual coating system with separate WB and UV circuits ensures secure fast changes between UV and WB jobs
- Flood and spot coating
- WB/UV anilox and plate sleeves included
- Efficient hot air dryer
- Powerful PLC control

Single WB varnish coater for pharma applications

Traceability, inspection and individual marking of each individual unit are key design parameters in pharmaceutical packaging.



- Single WB varnish configuration
- Coating knockouts (for bar codes, ID and QR codes) as well as glue flaps
- Ejection tray for rejected sheets
- Efficient hot air dryer
- Powerful PLC control









Modular platform tuned to your needs

Choose the features you need now...

... add optional modules of your choice when needed

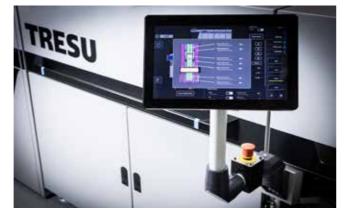


TRESU iCoat II highlights

Efficient design for short-run print jobs with fast job changes



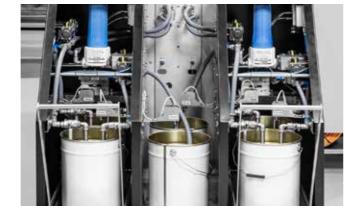
Fastest job change in the industry: 30 second print sleeve change with no tools required.



Fast set-up and easy job changes with HMI recipe storage: Complex job details recalled at the push of one button. (PLC included).



Proofing on the run – means full test control, visual inspection and samples with no downtime.



Automatic cleaning at the push of a button: Separate WB and UV systems means faster cleaning, less down-time and less handling.



Proven TRESU flexo technology delivers printing efficiency designed to last.



Genuine TRESU chamber doctor blade system designed for fast handling and great performance.

Sheet size	Max. B2 Min. 510 x 330 mm 20.08" x 12.99" Max. 750 x 530 mm 29.92" x 20.87"
Image size	Max. 746 x 515 29.37"x 20.28"
Substrate range	Thickness: 150 - 600 μm 6 pt - 24pt
Substrate type	Paper, carton, metalized and laminated
General coating requirements Flexo coating unit	Full surface and selective coating (flood and spot)
Varnish type	UV, WB and special varnish
Speed	Up to 4,600 sheets/hour
Tolerances	+/- 0.4 mm 16 thousands in both directions
Cleaning	Automatic plate/blanket cleaning (WB) and pump, anilox and chamber system cleaning
Proof tray	Integrated proof/sample tray
Stacker	Automatic pallet change

TRESU anilox roller specifications						
Coating demand	Protection coating	Standard coating	High-gloss coating	Ultra-high gloss coating	Special effects coating	
WB Roller name:	WB protection 10 cm ³ /m ² 6.5 BCM/in ²	WB matte coating 14 cm ³ /m ² 9 BCM/in ²	WB high-gloss (60*) 16 cm³/m² 10.3 BCM/in²		Special anilox	
UV Roller name:	UV protection 11 cm ³ /m ² 7.1 BCM/in ²	UV coating 15 cm³/m² 9.7 BCM/in²	UV high-gloss (85*) 18 cm³/m² 11.6 BCM/in²	UV Ultra-high gloss (90*) 21 cm³/m² 13.5 BCM/in²	Special anilox	
Applications	Rub resistance Print production Handling	Pharma Matte gloss	Packaging Decoration Seal coating Blister coating	Cosmetics Advertising Spot gloss Gift boxes	Examples: Scented coatings, metal pigments, glitter coatings, iriodin	

^{*}Gloss level depending on board and lacquer type