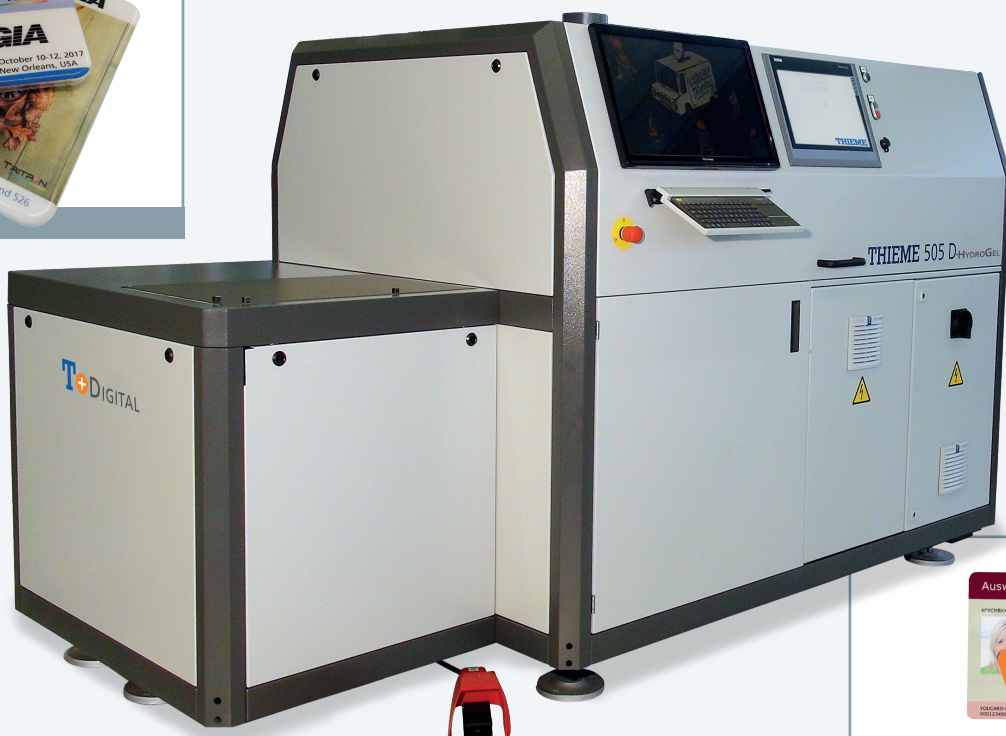


THIEME

+ Printing solutions - a class of its own

THIEME 500 D • HYDROGEL

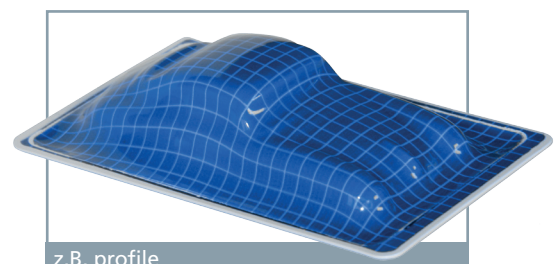
This solution is for digital printing of plastic films which are then formed and/or used for the IML (in mold labeling) process.



Why THIE-
ME 500 D
• HydroGel?



- + Perfectly optimized process combining Tritron ink and Thieme machine technologies
- + Industrial Digital Printing system
- + Optimized "Hands-free" operation
- + Accurate color reproduction and fine text
- + Cost effective production for small runs
- + HydroGel System:
 - + Chemical pinning without UV
 - + High productivity
 - + Ability to utilize UV activated films
 - + High temperature-resistant



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Features



- + Multipass Digital printing for highest quality demands
- + Vacuum table with standardize lay pins also utilized on our screen presses
- + Automated print head cleaning
- + Integrated capping station to prevent drying of ink in the print heads
- + Integrated inkjet device for pre treatment
- + Form factor and accessibility designed for industrial use
- + Industrial printing system utilizing Siemens controls, Festo components, etc.
- + Caldera Grand RIP

Technical Data



Machine type	505	510
Print size	400 x 600 mm	630 x 730 mm
Vacuum field size	400 x 600 mm	630 x 730 mm
Maximum material thickness	50 mm	50 mm
Mechanical Repeatability	+/- 15 µm	+/- 15 µm
Footprint (L x W)	2600 x 1250 mm	2830 x 1480 mm
Height	1600 mm	1600 mm
Weight	1800 Kg	2000 Kg
Voltage	400/230 V [Other Voltages available at extra cost]	
Power	1kW	

All technical information are not binding and subject to be changed.

RIP	Caldera Grand RIP+
Print heads	Ricoh GenN 5 / 7 pl
Positioning accuracy of image on sheet	+/- 50 µm
Colors	CMYK + Fixer

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