

# THIEME + DIGITAL

+ Printing solutions - a class of its own

## THIEME 500 D

Some typical fields of usage include the printing of decorative industrial products made from the most diverse materials such as input systems or component printing.



Why  
THIEME  
500 D?



- + Reliable entry level into industrial digital printing
- + Use of various high-performance ink systems
- + Digital printing technology fit for the future
- + Offers innovators the opportunity to implement their product ideas into the market place
- + Ideal complementary technology for technical screen printing by proven Thieme technology „Made in Germany“

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## THIEME 500 D

### Basic Data



- + Flat bed printing system with excellent printing quality
- + Multipass digital printing for the highest demands
- + Access to ink systems which have already been approved
- + Direct purchase of the inks from the independent manufacturer
- + The height-adjustable vacuum printing table allows for the printing of rigid and flexible materials up to 50 mm in height.
- + Optional use of adapter plates for fitting parts
- + Extensive options packages

### Technical Data



RIP	Caldera Grand RIP+
Printhead	Konica Minolta 1024 M
Max. system resolution	2160 x 1600 dpi
Positioning accuracy substrat	+/- 100 µm
Colour channel	one row (4, 6, or 8)
Ink consumption [Basis CyconJet ink]	ca. 10 ml/m <sup>2</sup>
Needed air pressure	6 bar
Data interface	Ethernet

Print output	sheet/h
Draft	76 *
Basis	50
Quality	44 *
High-End	25
* only possible with optional 2 UV lamps	

Print size	600 x 400 mm
Size of vacuum area	600 x 400 mm
Substrate thickness	55 mm
Substrate weight	max. 15 Kg
Mechanical repeatability	+ / - 15 µm
Outer dimensions (w/l/h)	2500 x 1200 x 2000 mm
Weight	1300 Kg
Power supply	400/ 230 V
Circuit connection	3,4 KW [6,4 KW with optional 2 UV lamps]

All technical information is not binding and is subject to change

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