

THIEME + DIGITAL

+ Printing solutions - a class of its own

THIEME 3000 D

Flatbed digital printing machines with automatic removal of substrates after printing.



Why
THIEME
3000 D?



- + Flexible world of Digital Printing
 - + Ink
 - + Format
 - + Transport
- + Sturdy digital printing system for diverse applications
- + Ability to integrate special ink systems
- + Ideal complementary technology for screen printing using proven Thieme technology „Made in Germany“

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Basic Data



- + Multipass system for the highest demands
- + High-precision linear drive technology enables excellent printing quality
- + Preset common printing modes and additional access to all process parameters
- + Individually desired formats can be realised
- + The degree of automation can be increased by addition of Thieme technology
- + The number and position of lay-on pins, switchable vacuum fields, and table cooling can be optionally integrated
- + Direct purchase of the approved ink systems from the ink manufacturer
- + Extensive options packages
- + Versatile machine concept (e.g. expansion of the number of print heads, upgrades)

Technical Data



RIP	Caldera Grand RIP+
Printheads	Konica Minolta 1024 M
Max. system resolution	2160 x 1600 dpi
Positioning accuracy substrat	+/- 100 µm
Colour channel	4 - 10
Ink consumption [Basis CyconJet ink]	ca. 10 ml/m ²
UV-Drying	200 W/cm

Max. substrate thickness [mm]	3/4-aut.	0,1 - 16
	1/2-aut.	till 50
Max. substrate weight [Kg/m ²]	3/4-aut.	7
	1/2-aut.	20
Power supply	400/230 V	
Circuit connection	18 kw	
Needed air pressure	8 bar	
Data interface	Ethernet	

Machine type	3020	3030	3040	3050	3060	3070	3080	3085	3090	3095											
Max. Print size [mm]	780 x 1080	1030 x 1420	1230 x 1670	1430 x 1870	1660 x 2160	1660 x 2660	1660 x 3110	1660 x 3360	2060 x 3160	2060 x 3360											
Outer dimensions (w/l/h) [mm]	4220 x 3730	4470 x 4410	4670 x 4910	4870 x 5310	5100 x 5890	5100 x 6890	5100 x 7790	5100 x 8290	5500 x 7890	5500 x 8290											
Machins height [mm]	2260																				
Print output with 4 Printhead rows ① = m ² /h ② = sheet/h		①	②	①	②	①	②	①	②	①	②	①	②	①	②	①	②	①	②	①	②
	Draft	65	82	74	71	109	53	131	49	146	41	147	33	146	28	144	26	166	25	164	23
	Basis	51	65	55	53	81	40	92	34	99	27	106	24	104	20	106	19	118	18	119	17
	Quality	37	47	40	38	54	27	62	23	68	19	71	16	70	13	83	15	79	12	80	11
High-End	25	32	27	26	37	18	41	15	44	12	45	10	45	9	50	9	50	7	50	7	

All technical information is not binding and is subject to change

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