



Hybrid Anapurna LED series

Hybrid UV led inkjet printers with integrated roll-to-roll system

High-speed hybrid 4/6-color + white UV LED-curable inkjet systems with a printing width ranging from 1.6 m up to 3.2 m for indoor and outdoor applications.

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Technical specifications

AGFA GRAPHICS

MODELS	Anapurna H1650i LED	Anapurna H2050i LED	Anapurna H2500i LED	Anapurna H3200i LED
MEDIA & PRINTING SPECIFICATIONS				
Rigid media				
Maximum width	165 cm (5.4 ft) 160 cm (5.2 ft) with borderless printing	205 cm (6.7 ft) 200 cm (6.6 ft) with borderless printing	250 cm (8.2 ft) 247 cm (8.1 ft) with borderless printing	320 cm (10.5 ft) 316 cm (10.3 ft) with borderless printing
Maximum length	3.2 m (10.5 ft) – 4 rigid tables (2 rear & 2 front)		Supported by 1 rigid roller table: 140 cm (4.59 ft) Supported by 1 rigid roller table + media extension table (default): 320 cm (10.5 ft)	
Minimum size	A2 landscape (60 x 42 cm – 1.97 x 1.4 ft)			
Thickness	Minimum thickness: 1 mm (0.04") Maximum thickness: 45 mm (1.77")			
Maximum weight	10 kg/m ² on printing table (22 lb)			
Flexible media				
Maximum width	165 cm (5.4 ft)	205 cm (6.7 ft)	250 cm (8.2 ft)	320 cm (10.5 ft)
Maximum length	n/a – restricted by weight and diameter			
Thickness	Min. 0.2 mm			
Maximum weight	50 kg (110 lb)			0.31kg (0.682 lb) per cm (0.4") roll width, meaning 100kg (220 lb) evenly distributed over the full 3.2 m (10.5 ft) width
Maximum roll outside diameter	Support for 3" core-media rolls with maximum outside diameter 36 cm (14.17")			Support for 3" core-media rolls – maximum media roll diameter 30 cm (11.8") (larger diameter up to 50 cm (19.7") can be allowed within the distributed weight limitation, in case only print side OUT is used – both unwinder and winder)
Borderless printing flexible media	160 cm (5.2 ft)	200 (6.6 ft)	247 cm (8.1 ft)	316 cm (10.3 ft)
PRODUCTIVITY				
Draft mode	Up to 63 m ² /h (up to 678 ft ² /h)	Up to 104 m ² /h (Up till 1,119 ft ² /h)	Up to 115 m ² /h (up till 1,238 ft ² /h)	Up to 129 m ² /h (up to 1,388 ft ² /h)
Express mode	44-54 m ² /h (474-581 ft ² /h)	64-71 m ² /h (689-764 ft ² /h)	70-78 m ² /h (753-840 ft ² /h)	77-87 m ² /h (829-936 ft ² /h)
Production mode	Up to 28 m ² /h (301 ft ² /h)	32-52 m ² /h (344-560 ft ² /h)	35-57 m ² /h (377-614 ft ² /h)	39-64 m ² /h (420-689 ft ² /h)
Standard mode	13-17 m ² /h (140-183 ft ² /h)	19-28 m ² /h (204-301 ft ² /h)	21-31 m ² /h (226-334 ft ² /h)	23-34 m ² /h (248-366 ft ² /h)
High-quality mode	Up to 7 m ² /h (75 ft ² /h)	14-15 m ² /h (151-161 ft ² /h)	16-17 m ² /h (172-183 ft ² /h)	9-19 m ² /h (97-205 ft ² /h)
PRINT HEADS & INKS				
Print heads	4 Konica-Minolta KM1024i-heads: 1024 nozzles/head with a droplet volume of 12 pl (colors) 2 Konica-Minolta KM1024i-heads: 30 pl (white in line) Or 6 Konica-Minolta KM1024i-heads: 1024 nozzles/head with a droplet volume of 12 pl (colors)	6 Konica-Minolta KM1024i-heads: 1024 nozzles/head with a droplet volume of 12 pl (colors) 2 Konica-Minolta KM1024i-heads: 30 pl (white in line)		
Ink	Or CMYKLCm Or CMYK + white	CMYKLCm + white		
IMAGE & TEXT QUALITY				
High-quality prints	Up to 720 x 1400 dpi			
Text quality	Positive: 4 point / Negative: 6 point			
ENGINE DIMENSIONS & WEIGHT				
Printer dimensions (H x W x L)	166 x 391 x 147 cm	177 x 450 * x 160 cm (70 x 177 * x 63") *without swivel arm	177 x 500 * x 160 cm (70 x 197 * x 63") *without swivel arm	177 x 572 x 193 cm (70 x 225 x 76")
Weight	1,020 kg (2249 lb)	1,800 kg (3968 lb)	2,200 kg (4850 lb)	2,800 kg (6170 lb)
ELECTRICITY & COMPRESSED AIR				
Electricity	380 V 3-phase star connection with Neutral wire (3x 32A*) 50/60Hz			
Compressed air	Oil free (class 1 according to ISO 8573-1 2010), 160 l/min compressor with 50 l barrel @6bar			
SYSTEM INTEGRATION RIP/WORKFLOW SOFTWARE				
Integrated production solution with Asanti, third-party RIP integration possible				

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