



:AVALON N4

High-quality thermal platesetting for 4-up and 6-up printing

Avalon N4 brings today's commercial and packaging printers the high-quality digital plates they need to stay competitive. Whether you require the highly productive Avalon N4-14 S or the cost-effective Avalon N4-14 E, you are assured of a winning combination of exceptional imaging and rock-solid reliability. You can upgrade any time from the E model to the S model. Its streamlined operation and uncompromising image quality will allow you to handle more of even the most demanding jobs, with more profit.

Both models come with an optional inline punching system and standard Ethernet connection, providing direct interfacing with the Apogee workflow.

The N4 L100 and N4 L300 plateloaders offer maximum convenience and automation.



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IMAGER		N4-14 E	N4-14 S
	Models	16 beams	32 beams
	Imaging System	16-channel Infrared Laser Diodes	32-channel Infrared Laser Diodes
	Image area	Max. 830 mm x 633 mm (32.7" x 24.9") (Front margin 15 mm, rear margin 12 mm)	
	Laser technology	830 nm thermal Laser Diodes	
	Recording system	External drum	
	Resolution	2400 dpi	1200 - 2400 dpi
PLATE SIZE			
	Maximum plate (lead edge x wrap)	830 mm x 660 mm (32.7" x 26")	
	Minimum plate (lead edge x wrap)	Standard: 324 mm x 370 mm (12.8" x 14.5") Optional: 304 mm x 370 mm (12" x 14.5")	
	Thickness	0.15 mm to 0.3 mm (6 to 12 mil)	
PLATES			
	Approved Agfa Graphics plates	Azura TS, Azura TU, Amigo TS, Thermostar P970, Energy Elite, Energy Elite Pro, Energy Xtra	
PLATE HANDLING CONFIGURATIONS			
	Plate loading	Manually With autoloader = automatic	
	Plate unloading	Manually	
	On-line processor (OLP)	Yes	
TROUGHPUT *			
	Energy Elite Pro 724 x 615 mm plate, 2400 dpi	11 pph	21 pph
		* Throughput affected by plate sensitivity, screening and other factors. Contact your Agfa Graphics repreasetative for more detail.	
INTERNAL PUNCHING			
	Option	Inline punch configurations for all major presses are available.	
PHYSICAL SPECIFICATIONS			
	Dimensions (WxDxH)	1,750 x 1,030 x 1,178 mm	
	Main unit	(68.9" x 40.6" x 46.4")	
	Approx. Weight	645 kg (1,422 lbs.)	
ENVIRONMENT			
	Temperature range - recommended - required	21°C to 25°C (70°F to 77°F) 18°C to 26°C (64°F to 79°F)	
	Humidity range	40% to 70% RH (non condensing)	
	Power	Single Phase 200 V to 240 V +6%/-10%, 20A, 4.0 kW	

AUTOLOADERS

MODEL	N4 L100	N4 L300
Plate capacity	100	300
No. of cassettes	1	3
Slipsheet removal	Yes	
Plate transport	Fully automatic loading	
Power	Single phase 200V-240V +6%/-10%, 5A, 1.0kW	
Weight	340 kg (748 lbs)	765 kg (1,683 lbs)
Dimensions	1395 x 1775 x 1060 mm (55,0" x 69,9" x 41,7")	2590 x 1775 x 1060 mm (101,9" x 69,9" x 41,7")

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