



# 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 representative for more detail.	

INTERNAL PUNCHING		
Option	Inline punch configurations for all major presses are available.	

PHYSICAL SPECIFICATIONS		
Dimensions (WxDxH) Main unit	1,750 x 1,030 x 1,178 mm (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")

[www.agfagraphics.com](http://www.agfagraphics.com)

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