



# AVALON N4

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

Avalon N4 bring today's commercial and packaging printers the high-quality digital plates they need to stay competitive. Whether you require the highly productive Avalon N4-30 XT, the Avalon N4-30 S, or the cost-effective Avalon N4-30 E, you always get a combination of exceptional imaging and rock-solid reliability.

Upgrading from the E model to the S model is possible at any time. The latter offers a streamlined operation and uncompromising image quality that will allow you to handle more jobs with more profit, even the most demanding ones.

Each model comes with an optional inline punching system and standard Ethernet connection, providing direct interfacing with the Apogee workflow. The N4-30 AL-S and N4-30 AL-M plateloaders offer maximum convenience and automation.



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IMAGER		N4-30 E	N4-30 S	N4-30 XT
Models		16 beams	32 beams	64 beams
Imaging System		16-channel Fiber coupled	32-channel Fiber coupled	64-channel Fiber coupled
Image area		Max. 830 mm x 636 mm (32.7" x 25.0") (Front margin 15 mm, rear margin 12 mm)		
Laser technology		830 nm thermal Laser Diodes		
Recording system		External drum		
Resolution		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 330 mm (12.8" x 13.0") Optional: 270 mm x 330 mm (10.6" x 13.0")		
Thickness		0.15 mm to 0.3 mm (6 to 12 mil)		
PLATES				
Approved Agfa Graphics plates		Azura TS, Azura TU, Azura TE, Amigo TS, Thermostar P970, Energy Elite, Energy Elite Pro		
PLATE HANDLING CONFIGURATIONS				
Plate loading		Manual - front loading via feed tray 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	33 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 including blower and feed tray		1,985 mm x 1,315 mm x 1,300 mm (78.1" x 51.8" x 51.2")		
Approx. Weight		830 kg (1,830 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%, 15A, 3.6 kW (Including blower and autoloader)		
AUTOLOADERS				
MODEL		N4-30 AL-S	N4-30 AL-M	
Plate capacity		100	300	
No. of cassettes		1	3	
Min. plate size		304 mm x 370 mm (12" x 14.5")		
Max. plate size		830 mm x 660 mm (32.7" x 26")		
Slipsheet removal		Yes		
Plate transport		Fully automatic loading		
Power		Powered by the CtP engine		
Weight		340 kg (748 lbs)	765 kg (1,683 lbs)	
Dimensions		1395 mm x 1735 mm x 1027 mm (54.9" x 68.3" x 40.4")	2590 mm x 1735 mm x 1027 mm (102" x 68.3" x 40.4")	

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