



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.



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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.

Technical specifications

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
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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