



AVALON N4

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

Avalon N4 brings you the automation and imaging capabilities of larger devices in a compact format. It handles plates up to 830 x 680 mm, with a maximum throughput level up to 21 plates per hour. It offers a streamlined operation and uncompromising image quality that will allow you to handle more jobs with more profit, even the most demanding ones. The Avalon N4 comes with an optional inline punching system and standard Ethernet connection, providing direct interfacing with the Apogee workflow. The N4 AL-S and N4 AL-M plateloaders offer maximum convenience and automation.

Specifications

AVALON N4		
Imaging technology	32-channel laser diodes	
Laser type	830 nm thermal laser diodes	
Recording system	External drum	
Press punch	max 6 units	
RESOLUTION		
1200 dpi	yes	
2400 dpi	yes	
2438 dpi	yes	
2540 dpi	yes	
THROUGHPUT		
Throughput pph (745 mm x 605 mm, 2400 dpi)	21	
PLATE LOADING & UNLOADING CONFIGURATION		
Manual loading	yes	
Semi-manual loading	yes	
Automatic (autoloader)	yes	
Pallet loader	n/a	
Manual unloading	yes	
In line unloading	yes	
PLATE CHARACTERISTICS		
Min plate size (along drum x around drum)	324 mm x 330 mm (12.8" x 13.0") 270 x 278 mm (10.7" x 10.9") optional 324 x 278 mm (12.8" x 10.9") optional	
Max. plate size (along drum x around drum)	830 mm x 680 mm (32.7" x 26.7")	
Thickness	0.15 mm-0.3 mm (6-12 mil)	
Max. exposure size (along drum x around drum)*	830 mm x 656 mm (32.7" x 25.8")	
ENVIRONMENT (CTP AND AUTOLOADER)		
Temperature range	Recommended: 21-25 °C	
Humidity range	40-70 % RH (no condensation)	
Power	Single-phase 200-240 V, 15A	
AUTOLOADERS		
	N4 AL-S	N4 AL-M
Plate capacity	100	300
Number of cassettes	1	3
Min./max. plate size	324 mm x 370 mm (12.8" x 14.5") / 830 mm x 660 mm (32.7" x 26")	324 mm x 370 mm (12.8" x 14.5") / 830 mm x 660 mm (32.7" x 26")

ECO³

Agfa is committed to sustainable innovation focused on ecology, economy, and extra convenience – or ECO³. We develop integrated solutions – consisting of hardware, consumables, software and services – that streamline your prepress and printing operations and make them cleaner, more cost-effective and easier to operate and maintain. All while guaranteeing superior and consistent print quality.

The result? More value for your entire business!



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