

# :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 N4-10 S or the cost-effective :Avalon N4-10 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. The :N4 L50, :N4 L100 and :N4 L300 plateloaders offer maximum convenience and automation.

MODELS	N4-10 E	N4-10 S
Platesetter Architecture	external drum	
Laser technology	830 nm infrared thermal	
Light source	16-channel infrared laser diode	32-channel infrared laser diodes
Image area	Maximum 830 mm x 633 mm (32.7" x 24.9") (Front margin 15 mm, rear margin 12 mm)	
Resolutions	2400 dpi	1200 – 2400 dpi
<b>PLATE SIZES</b>		
Maximum plate (lead edge x wrap)	830 mm x 660 mm (32.7" x 26")	
Minimum plate (lead edge x wrap)	324 mm x 370 mm standard - 304 mm x 370 mm optional (12.8" x 14.5")	(12" x 14.5")
Thickness	0.15 mm to 0.3 mm (6 to 12 mil)	
<b>PLATES</b>		
Approved Agfa Graphics plates	:Thermostar P970 / :Energy Elite / :Energy Elite Pro :Azura TS / :Amigo TS	

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PLATEHANDLING CONFIGURATIONS	
Plate loading	Manually With autoloader = automatic
Plate unloading	Manually
On-line processor (OLP)	Yes

THROUGHPUT*		
724 x 615 mm (28.5" x 24.2")	11 pl/hr at 2,400 dpi	21 pl/hr at 2,400 dpi

(\*Throughput/Productivity may vary based on the sensitivity of the specific media used)

INTERNAL PUNCHING	
Option	Online punch configurations for all major presses are available

PHYSICAL SPECIFICATIONS	
Dimensions (W x D x H) 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.)
Power	Single Phase 200 V to 240 V +6%/-10%, 20A, 4.0 kW

AUTOLOADERS			
MODELS	N4 L50	N4 L100	N4 L300
Plate capacity	50	100	300
No. of cassettes	1	1	3
Slipsheet removal	No	Yes	Yes
Plate transport	Fully automatic loading	Fully automatic loading	Fully automatic loading
Power	Single phase 200V-240V +6% -10%, 5A, 1.0kW		
Weight	200 kg (440 lbs.)	340 kg (748 lbs)	765 kg (1,683 lbs)
Dimensions	1260 x 1335 x 1031mm (50" x 52.6" x 40.6")	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")

**:Avalon N4 processor possibilities**

- :Elantrix 95 SX
- :Azura C95



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