

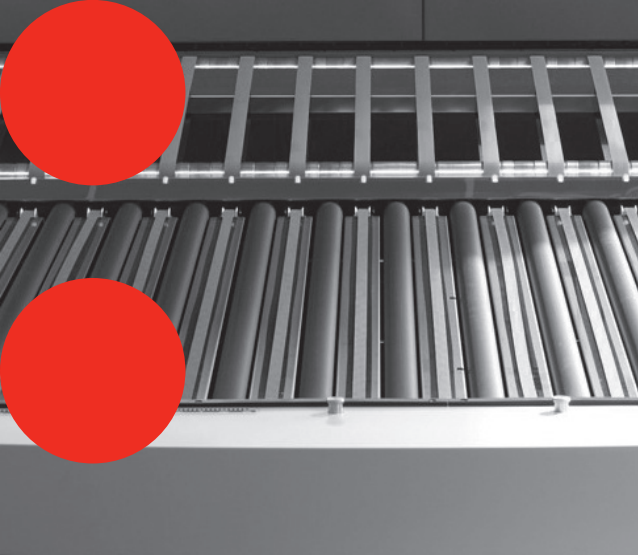
AGFA Avalon N8-24

Top quality, reliable, flexible thermal
platesetter for 8-up printing

AGFA 

STAY AHEAD. WITH AGFA GRAPHICS.

Avalon N8-24



Agfa Graphics' Avalon N series of thermal external drum platesetters offers the most complete range in the industry featuring laser technology most appropriate to the application. The Avalon N is a platesetter with a reputation for solid dependability with a full assortment of automation options and many productivity options such as internal punching. **Reliable, stable quality plate imaging secures your printing business**

N8-24 series

- Full featured mid-level models for medium plate productivity requirements.
- A full array of automation options is available.
- All models come with an optional inline punching system and standard ethernet connection, providing direct interfacing with the Apogee workflow.



IMAGER	N8-24 E	N8-24 S	N8-24 Sr
Models	32 beams	64 beams	64 beams
Imaging System	Fiber coupled Laser Diodes		
Laser technology	830 nm Thermal		
Recording system	External drum		
Resolution	2400 dpi	2400 dpi	2400 dpi - 4000 dpi
PLATE SIZE			
Maximum plate (lead edge x wrap)	1,160 x 940 mm (45.6" x 37.0")		
Minimum plate (lead edge x wrap)	304 x 370 mm (11.9" x 14.6")		
Thicknesses	0.15 to 0.3 mm (6 to 12 mil, options for 0.4 mm support available)		
Exposure size - Max *grip setting is 8 mm, drum rotation limits to 600 rpm	1160 x 916 mm (1160 x 920 mm)*		
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			
Semi-automatic manual loading	Yes		
Single cassette Autoloader	Yes		
Multi cassette Autoloader	Yes		
Plate Unloading			
Manual unload	Yes		
On-line processor (OLP)	Yes		
TROUGHPUT *			
Energy Elite Pro 1030 x 800 mm plate, 2400 dpi	13 pph	23 pph	23 pph
	* Throughput affected by plate sensitivity, screening and other factors, contact your Agfa Graphics representative for more detail.		
INTERNAL PUNCHING			
Option	Yes, support for up to 4 sets of punches. Standard and custom punches are available.		
PHYSICAL SPECIFICATIONS			
Dimensions (WxDxH) Main unit	2,440 x 1,295 x 1,390 mm (96.1 x 51.0 x 54.7")		
Approx Weight	Approx. 1,150 kg (2,530 lbs.)		
ENVIRONMENT (platesetter and Autoloader)			
Temperature range - Recommended - Required	21° to 25° C (69.8° to 77.0° F) 18° to 26° C (64.4° to 78.8° F)		
Humidity range	40% to 70% RH (non-condensing)		
Power	220 to 240 volts, Single phase, 32 amps, 50 or 60 Hz		

SYSTEM LAYOUTS

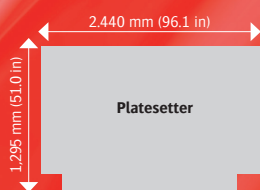
Shown below are main system components only.

Contact your Agfa Graphics representative for:

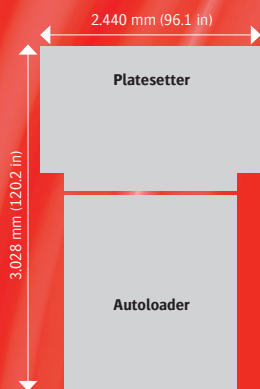
- more detailed layouts including processors, conveyors, chiller, blower and other components.

- detailed site requirements including service space requirements

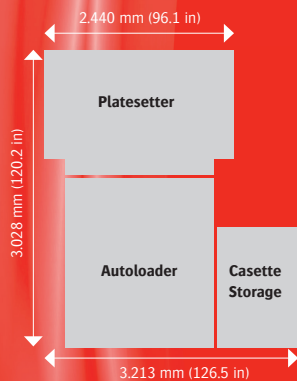
Manual Loaded



Single Cassette Autoloader System



Multi Cassette Autoloader System



Autoloaders

Avalon N8 Autoloaders: Reliable 8-up plateloading systems for increased productivity.

A full array of Plateloading automation systems for the Avalon N8 series of 8-up thermal platesetters.

These solutions offer innovative and user friendly designs for maximum operator utilization.

		Single Cassette Autoloader	Multi Cassette Autoloader
		A single cassette autoloader allowing unattended operation and automatic slip sheet removal with less investment.	A multi cassette solution with up to 5 cassettes on-line for high production with minimum labor. Standard configuration is 3 cassettes.
MODELS AND APPLICABILITY			
Model		N8-AL S	N8-AL M
Applicability		:Avalon N8 24 Series Yes	:Avalon N8 24 Series Yes
DESCRIPTION			
Cassettes		1 cassette	up to 5 cassettes (standard 3 cassettes)
Max number on line			
Plates per cassette		0.15 mm: 100 plates	
		0.2 mm: 100 plates	
		0.3 mm: 100 plates	
		0.4 mm: 75 plates	
		Between 450 x 370 and 304 x 370 mm: 50 plates	
Removable cassettes		Yes	No
Cassette carrier available		Yes, Included	No
Slip sheet removal		Standard Capacity ±100 sheets	
PLATE SIZES			
Maximum		1160 x 940 mm (45.6 x 37.0")	
Minimum		304 x 370 mm (11.9 x 14.6")	
Thicknesses		0.15 to 0.3 mm (0.4 mm as field option)	
PHYSICAL SPECIFICATIONS			
Dimensions (WxDxH)		1,758 x 1,806 x 1,280 mm 69.2 x 71.1 x 50.4"	3,213 x 1,806 x 1,280 mm 126.5 x 71.1 x 50.4"
Approx Weight (no plates)		530 kg 1,168 lbs.	1,250 kg 2,750 lbs.
ENVIRONMENT			
Temperature range		21° to 25° C (69.8° to 77.0° F) 18° to 26° C (64.4° to 78.8° F)	
- Recommended			
- Required			
Humidity range		40% to 70% RH (non-condensing)	
Power		Powered by main unit	
OPTIONS			
0.4 mm support		Yes	Yes
Additional carrier-type cassette (with dustproof cover)		Yes	No
Cassette carrier		Yes	No
Additional cassettes		No	Yes (max 5 in total)

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