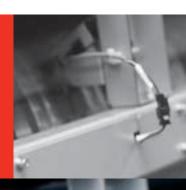
:Avalon N8



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 also available. The range of throughputs offered cover all applications.





N8-12 series

N8-12 E

N8-12 S

:Energy Elite

Dimensions (W x D x H)

Option

main unit Approx Weight 7 pph

14 pph

- Full featured entry level models for customers with modest daily plate requirements
- A full array of automation options is available

N8-22 series

- Full featured mid-level models for customers requiring medium productivity.
- A full array of automation options is available

N8-52 series

N8-52 E

N8-52 S

N8-52 XT

Yes, support for up to 4 sets of punches. Standard and custom punches are available.

Approx. 1,150 kg (2,530 lbs.)

2,440 x 1,295 x 1,390 mm (96.1 x 51.0 x 54.7 in.)

25 pph

35 pph 40 pph

N8-72 XT

48 pph

- Full featured models featuring GLV imager technology using 512 beams for customers
- requiring high productivity. - A full array of automation options is available

N8-72 series

- Full featured models featuring GLV imager technology using 1024 beams for customers requiring very high productivity
 A full array of automation
- options is available

MODET2									
	Technology	External drum		External drum		External drum		External drum	
	Laser technology	830 nm Thermal		830 nm Thermal		830 nm Thermal		830 nm Thermal	
	Models and resolutions	N8-12 E	2400 dpi	N8-22 E	2400 dpi	N8-52 E	2400 dpi, (4000 dpi factory option)	N8-72 XT	2400 dpi
		N8-12 S	2400 dpi, 4000 dpi	N8-22 S	2400 dpi	N8-52 S	2400 dpi, (4000 dpi factory option)		
				N8-22 Sr	2400 dpi 4000 dpi	N8-52 XT	2400 dpi, (4000 dpi factory option)		
PLATE SIZES	(Platesetter and Auoloaders)								
	Maximum plate (lead edge x wrap)	1,160 X 940 mm (45.6 X 37.0 in)							
	Minimum plate (lead edge x wrap)	304 x 370 mm (12.0 x 14.6 in) 0.15 to 0.3 mm (6 to 12 mil)							
	Thicknesses (options for 0.4 mm support available)	0.15 to 0.3 mm (6 to 12 mil)							
PLATES									
	Approved Agfa Graphics plates	:Energ :Azura, : :An	star P970 y Elite Azura TS nigo ual load only	Energ: :Azura, : :Ar	y Elite Azura TS nigo	:Energ :Azura, : :Ar	y Elite Azura TS nigo	:Ene	rgy Elite
PLATEHANDLING CONFIGURATIONS									
	Plate loading Semi-automatic manual loading			1	Y	'es	'		
	Single cassette Autoloader								
	Multi cassette Autoloader								
	Plate unloading Manual unload				V	/oc			
	On-line processor (OLP)								
THROUGHPU									
	1030 x 800 mm plate, 2400 dpi (throughput affected by plate sensitivity, screening and other factors, contact your Agfa Graphics representative for more detail)								

N8-22 E

N8-22 S/Sr

13 pph

23 pph



INTERNAL PUNCHING

SIZE AND WEIGHT



:Avalon N8

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.



	N8-N12 Series	/ N8-N22 Series	N8-N52 Series / N8-N72 Series					
ENVIRONMENT (platesetter and Autoloader)								
Temperature range	Recommended	21° to 25° C (69.8° to 77.0° F)	Recommended	21° to 25° C (69.8° to 77.0° F)				
	Required	18° to 26° C (64.4° to 78.8° F)	Required	18° to 26° C (64.4° to 78.8° F)				
Humidity range	40% to 70% RH	(non-condensing)	40% to 70% RH	(non-condensing)				
Power	Voltage range	220 to 240 volts	Voltage range	220 to 240 volts				
(main unit with Autoloader)	Phase	Single phase	Phase	Single phase				
	Amperage	32 amps	Amperage	21 amps				
	Frequency	50 or 60 Hz	Frequency	50 or 60 Hz				

	Power	Totage range 220 to 2 to tota						
	(main unit with Autoloader)		Phase Single phase	se				
			mperage 32 amps					
		F	requency 50 or 60 Hz					
		Single Cassette Auto A single cassette auto unattended operation sheet removal with les	loader allowing and automatic slip	Multi Cassette Autoloader 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 12 Series	Yes	:Avalon N8 12 Series	Yes			
	77	:Avalon N8 22 Series	Yes	:Avalon N8 22 Series	Yes			
		:Avalon N8 52 Series	Yes	:Avalon N8 52 Series	Yes			
		:Avalon N8 72 Series	Yes	:Avalon N8 72 Series	Yes			
Descrip	otion							
	Cassettes	Max number on line	1 cassette	Max number on line Included	up to 5 cassettes 3 cassettes			
	Plates per cassette	0.15 mm	100 plates	0.15 mm	100 plates			
	riates per cassette	0.13 mm	100 plates	0.13 mm	100 plates			
		0.3 mm	100 plates	0.2 mm	100 plates			
		0.4 mm	75 plates	0.4 mm	75 plates			
		Between 450 x 370 and 304 x 370 mm	50 plates	Between 450 x 370 and 304 x 370 mm	50 plates			
	Removable cassettes		ne .		0			
	Cassette carrier available	Yes Yes, Included		No				
	Slip sheet removal	Included	Yes, standard	Included	Yes, standard			
	onp sheet removal	Capacity	Approx. 100 sheets	Capacity	Approx. 100 sheets			
Plate s	izes	σαραστιγ	Арргох. 100 впоста	oupdoity	прртох. Тоб зноста			
	Maximum plate	1160 x 940 mm 45.6 x 37.0 in.		1160 x 940 mm 45.6 x 37.0 in.				
	Minimum plate	304 x 370 mm (12.0 x 14.6 in.)		304 x 370 mm (12.0 x 14.6 in.)				
	Thicknesses	Standard	0.15 to 0.3 mm (6 to 12 mil)	Standard	0.15 to 0.3 mm (6 to 12 mil)			
		Option	0.15 to 0.4 mm (6 to 16 mil)	Option	0.15 to 0.4 mm (6 to 16 mil)			
Physica	al Specifications							
,	Dimensions (W x D x H)	1,758 x 1,806 x 1,280 mm 69.2 x 71.1 x 50.4 in.		3,213 x 1,806 x 1,280 mm 126.5 x 71.1 x 50.4 in.				
	Approx Weight (no plates)	530 kg 1,168 lbs.		1,250 kg 2,750 lbs.				
	Temperature range	Recommended	21° to 25° C 69.8° to 77.0° F	Recommended	21° to 25° C 69.8° to 77.0° F			
		Required	18° to 26° C 64.4° to 78.8° F	Required	18° to 26° C 64.4° to 78.8° F			
	Humidity range	40% to 70% RH (non-condensing)		40% to 70% RH (non-condensing)				
	Power	Powered by main unit		Powered by main unit				
Automa	ation options							
	Small plate support	Ye	es	Yes				
	0.4 mm support		es	Ye	es			
	Additional cassettes	Yes						
	Cassette carrier (transport)	Ye	es					
	Cassette covers	Ye	es					
pr	(for protection against dust)							
Field U	pgradability							
	Additional removable cassettes and trolley	Ye	es	No				

STAY AHEAD. WITH AGFA GRAPHICS.

Additional cassettes (max 5 total)

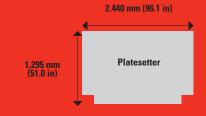
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SYSTEM LAYOUTS

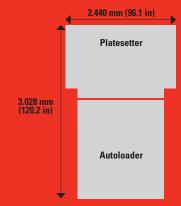
Shown below are main system components only. Contact your Agfa Graphics representative for:

- more detailed layouts including processors, conveyors, chiller, blower and other components.
- detailed site requirements including service space

Manual Loaded



Single Cassette Autoloader System



Multi Cassette Autoloader System

