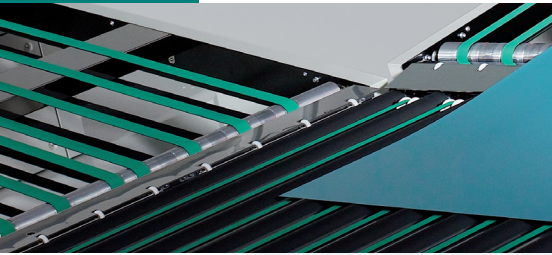


:Avalon N24 - N36 - N40

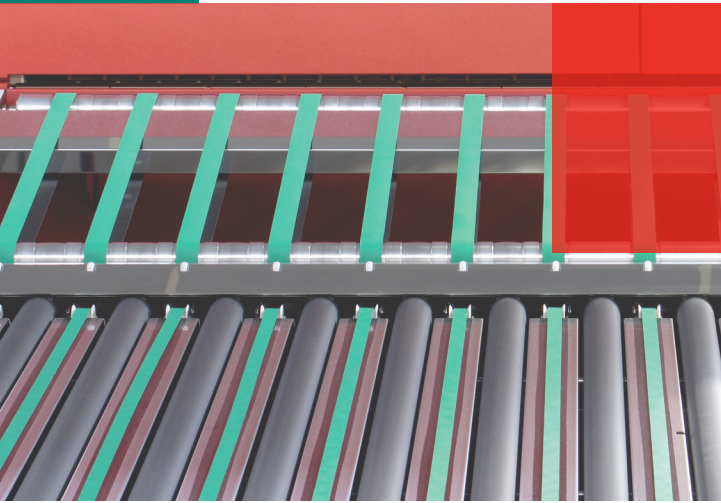


:Avalon N VLF...innovative and reliable VLF Thermal Platesetter Systems

Agfa Graphics' Avalon N VLF line is the most extensive in the industry offering a size and configuration for all applications. These innovative platesetting systems have a reputation for solid dependability and offer a full assortment of advanced features such as internal punching and dual plate imaging. In addition the :Avalon N VLF are some of the most productive systems in their class.

	N24 series	N36 series	N40 series		
Application	- Full featured VLF systems for customers with full size VLF plates typically to 24-up.	- Full featured VLF systems for customers with full size VLF plates typically to 36-up.	- Full featured VLF systems for customers with full size VLF plates typically to 40-up.		
	- Productivity features including internal punching and dual plate imaging - A full array of automation options is available.				
	Large sheet fed and 48-up web presses	Largest sheet fed and 64/72-up web presses	80-up web presses		
MODELS	Platesetter Architecture External drum				
	Laser 830 nm Thermal				
	Imager Architecture Thermal Bar laser using Grating Light Valve (GLV) Technology				
Models and resolutions (SD and XT models support dual loading of smaller plate sizes) XT models are equipped with dual laser imagers	N24-50-S 2400 dpi	N36-50-S 2400 dpi	N40-50-S 2400 dpi		
	N24-50-SD 2400 dpi	N36-50-SD 2400 dpi	N40-50-SD 2400 dpi		
	N24-50-XT (twin imagers) 2400 dpi	N36-50-XT (twin imagers) 2400 dpi			
	N24-70-SD 2400 dpi	N36-70-SD 2400 dpi	N40-70-SD 2400 dpi		
	N24-70-XT (twin imagers) 2400 dpi	N36-70-XT (twin imagers) 2400 dpi			
PLATE SIZES (Platesetter and Autoloader)	Maximum plate (lead edge x wrap) 1,750 x 1,400 mm (68.8 x 55.1 in.)				
	Minimum plate (lead edge x wrap) (option for 500 x 550 mm (19.7 x 21.7 in) plate support available) 650 x 550 mm (25.6 x 21.7 in.)				
	Max plate dual mode: 1060x1400 mm (41.7 x 55.1 in.)				
	Thickesses (option for 0.5 mm support available) 0.2 to 0.4 mm 8 to 16 mil				
PLATES AND PROCESSORS	Approved Agfa Graphics plates :Thermostar P970, :Energy Elite, :Energy Elite Pro, :Amigo TS (only on 50 Series)				
PLATE HANDLING CONFIGURATIONS	Plate loading				
	Semi-automatic manual loading Yes				
	Multi cassette Autoloader Yes (up to 300 plates on line) can be combined with one Pallet Loader				
	Pallet loader Yes Up to two on line				
	Plate unloading				
	Manual unload Yes				
	On-line processor (OLP) Yes				
THROUGHPUT	Plate Size 1,524 x 1,143 x 0,4 mm plate (60.0 x 45.0 in. x 16 mil)				
Throughputs are shown for :Energy Elite Pro plates (throughput affected by plate sensitivity, screening and other factors, contact your Agfa Graphics representative for more detail) * Throughput quoted when using Multi-Cassette autoloader. Throughput with Pallet loader may be lower, contact AGFA.	N24-50-S 22 pph		N36-50-S 19 pph		
	N24-50-SD 22 pph		N36-50-SD 19 pph		
	N24-50-XT 32 pph		N36-50-XT 28 pph		
	N24-70-SD 27 pph		N36-70-SD 23 pph		
	N24-70-XT 37 pph		N36-70-XT 33 pph		
	Dual Plate modes		Dual Plate modes		
1030 x 800 x 0.3 mm plate (40.5 x 31.5 in. x 12 mil)			1030 x 800 x 0.3 mm plate (40.5 x 31.5 in. x 12 mil)		
N24-50-SD 34 pph		N36-50-SD 34 pph		N40-50-SD 37 pph	
N24-50-XT 58 pph		N36-50-XT 58 pph			
N24-70-SD 44 pph		N36-70-SD 44 pph		N40-70-SD 46 pph	
N24-70-XT 68 pph		N36-70-XT 68 pph			
FEATURES	Internal Punching All models				
	Dual plate Imaging N24-70-XT, N24-50-SD, N24-50-XT, N24-70-SD N-36-70-XT, N36-50-SD, N36-50-XT, N364-70-SD N40-50SD, N40-70SD				
	Twin Imagers N24-50-XT, N24-70-XT N36-50-XT, N36-70-XT Not Available				
PHYSICAL SPECIFICATIONS	Dimensions (W x D x H) - main unit 3,840 x 3,675 x 1,795 (151.5 x 144.7 x 70.7 in.)				
	Approx Weight 3,840 x 3,675 x 1,795 (151.5 x 152.6 x 70.7 in.) 3,840 x 3,675 x 1,795 (151.5 x 152.6 x 70.7 in.)				
	Approx Weight 3,840 x 3,675 x 1,795 (151.5 x 152.6 x 70.7 in.) 3,840 x 3,675 x 1,795 (151.5 x 152.6 x 70.7 in.)				

:Avalon N24 - N36 - N40



Multi-cassette Loader	N40-AL M
Plate size max. (W x H)	2280mm x 1600mm
Plate size min. (W x H)	500mm x 550mm
Plate Thickness	0.2 - 0.5mm
Number of cassette	4
Loading capacity*	0.3mm, 75 plates per cassette 0.4mm, 60 plates
Installation position	Right or Left
Standards electric wave	FCC
Standards safety	UL60950
Dimensions (WxDxH)	3,365x4,12 x1,850 mm
Installation dimension (WxH)	2,300 x 2,000 mm
Weight (Without plate)	Approx. 2,540 kg
Power supply	Single phase 200V - 240V, 10A 2.0kW

N24 series / N36 series / N40 series ENVIRONMENT (Platesetters and Autoloader)			
Temperature range	Recommended	21° to 25° C 69.8° to 77.0° F	
	Required	18° to 26° C 64.4° to 78.8° F	
Humidity range	40% to 70% RH (non-condensing)		
	Power	Voltage range	200 to 240 volts
		Phase	Single phase
		Amperage (Platesetter)	35 amps
		Amperage (Autoloader)	10 amps
		Frequency	50 or 60 Hz

N24 / N36 / SKID /PALLET LOADER		
Model	N24 / N36 Skid /pallet	
Skids	In operation	up to two loaders, one pallet in each
	Can be identified	up to 7 skids /pallets
Plate orientation	Emulsion down	
Plates per skid (plate size dependant, shown is typical)	Max stack height 240mm (9.4 in) Max stack weight 800 kg	
	0.4 mm (16 mils)	up to 600 plates
	0.3 mm (12 mils)	up to 600 plates
	0.2 mm (8 mils)	up to 600 plates
Supports dual plate	Yes	
Slip sheet removal	Included	Yes
	Capacity	100 sheets
Manual bypass	Yes	
Plate sizes		
Maximum plate	2070 x 1,500 mm (81.5 x 59.0 in.) A pallet loader to accommodate Avalon N40 plate sizes is also available	
Minimum plate	800 x 550 mm (31.5 x 21.7 in.)	
Thicknesses	0.2 to 0.4 mm 8 to 16 mil	
Physical Specifications		
Footprint (W x D x H)	3,165 x 2,160 x 2,030 mm (124.6 x 85.1 x 80.0 in.)	
Approx Weight (loader and cassettes, no plates)	1,650 kg (3,638 lbs.)	
Configuring		
Location of Loading unit	Right-hand and Left-hand versions	
Accessories		
Additional skid bases	Yes	