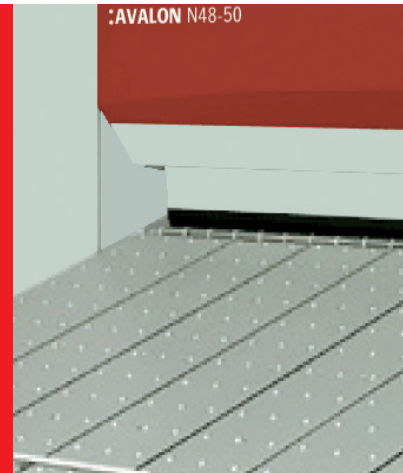


:Avalon N48



: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.



		N48-70 SD series	N48-50 SD series
		Full featured VLF systems for customers with full size VLF plates typically to 48up.	
		Productivity features including internal punching and dual plate imaging. A full array of automation options is available	
APPLICATION		96-up web presses	
MODELS			
	Platesetter Architecture	External drum	
	Laser	830 nm Thermal LD	
	Imager Architecture	Thermal Bar laser using Grating Light Valve (GLV) Technology	
	Resolutions (SD model supports dual loading of smaller plate sizes)	2400 dpi	2400 dpi
PLATE SIZES (Platesetter and Autoloader)			
	Maximum plate (lead edge x wrap)	2,900 x 1,350 mm (114.1 x 53.1 in.)	
	Minimum plate (lead edge x wrap)	650 x 550 mm (25.6 x 21.7 in.)	
	Max plate dual loading	1450 x 1350 mm (57.0 x 53.1")	
	Thicknesses (option for 0.5 mm support available)	0.3 to 0.4 mm 8 to 16 mil	
PLATES AND PROCESSORS			
	Approved Agfa Graphics plates	:Thermostar P970	

Avalon N48



		N48-70 SD series	N48-50 SD series
PLATE HANDLING CONFIGURATIONS			
	Plate loading	Multi cassette Autoloader N40-ALM / Pallet Loader N48-AL Skid	
	Plate unloading	On-line processor (OLP)	
THROUGHPUT			
	Plate Size 2,900 x 1,350 mm @ 2400 dpi	16 pph	14 pph
	1030 x 800 x 0.3 mm dual plate Throughputs are shown for Thermostar P970 plates (throughput affected by plate sensitivity, screening and other factors, contact your Agfa Graphics representative for more detail)	38 pph	32 pph
FEATURES			
	Internal Punching	All models	
	Dual plate Imaging	Yes	
	Twin Imagers	No	
PHYSICAL SPECIFICATIONS			
	Dimensions (W x D x H)		
	main unit	4,600 x 2,975 x 1,795 mm (181.2 x 117.2 x 70.7")	
	N48-AL Skid	4,100 x 2,175 x 2,150 mm (161.5 x 85.7 x 84.7")	
	N40-AL M	4,500 x 2,000 x 1,600 mm (177.2 x 78.8 x 63.0")	
	Approx Weight Approx.		
	Main unit	4,000 kg (8,800 lbs.)	
	N48-AL Skid	1,500 kg (3,300 lbs)	
	N40-AL M	1,000 kg (2,200 lbs)	

N48 SERIES ENVIRONMENT (Platesetters and Autoloader)		
Temperature range	Recommended	69.8° to 77.0°F 21° to 25°C
	Required	64.4° to 78.8° 18° to 26°C
Humidity range	40% tot 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