AVALON B8-24 S/XT

Agfa Graphics' new breakthrough range of thermal platesetters is based on the reliable external drum Avalon N architecture and proven fibre-coupled laser technology, to breach all records of cost effectiveness.

The manual loading Avalon B8-24 S/XT is a robust output device with on- or offline processing. The Avalon B8-24 S/XT engine delivers unmatched imaging results in combination with Agfa Graphics' thermal plates and guarantees maximum plate production consistency. The seamless integration with industry-leading Apogee workflow will deliver affordable high quality plate production for your commercial, packaging and publishing printing business.

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IMAGER	B8-24 S Series	B8-24 XT Series
Models	64 beams	96 beams
Imaging System	64 channel Fiber coupled	96 channel Fiber coupled
Laser technology	830 nm Thermal Laser Diodes	
Recording system	External drum	
Resolution	1200/2400/2540 dpi	
PLATE SIZE		
Maximum plate (lead edge x wrap)	1060 mm x 830 mm (41,7″ x 32,7″)	
Minimum plate (lead edge x wrap) * Small plate option: not available	450 mm x 370 mm (17,7″ x 14,6″) *	
Thickness	Maximum: 0,3 mm (12 mil) Minimum: 0,15 mm (6 mil)	
Imaging size - max * drum rotation limits up to 600 rpm	1060 x 806 mm (grip 12/12mm) 1060 x 810 mm (grip 8/12mm) *	
PLATES		
Approved Agfa Graphics plates	Azura TS, Azura TU, Azura TE, Amigo TS Thermostar P970, Energy Elite, Energy Elite Pro	
PLATE HANDLING CONFIGURATIONS		
Plate loading		
Manual loading	Yes	
Automatic loading	No	
Single cassette Autoloader	No	
Multi cassette Autoloader	No	
Plate Unloading		
Manual unload	Yes	
On-line processor (OLP)	Yes	
TROUGHPUT *		
Energy Elite Pro 1030 x 800 mm plate, 2400 dpi	23 pph	30 pph
	* Throughput affected by plate sensitivity, screening and other factors. Contact your Agfa Graphics reprensetative for more detail.	
INTERNAL PUNCHING		
Option	Not available	
PHYSICAL SPECIFICATIONS		
Dimensions (WxDxH) Including Built in bridge	2500 mm x 1820 mm x 1453 mm (98,4″ x 71,7″ x 57,2″)	
Approx. Weight Including the Blower	945 kg (2083 lbs)	960 kg (2116 lbs)
ENVIRONMENT		
Temperature range - Recommended - Required	21° C to 25° C (70°F to 77°F) 18° C to 26° C (64°F to 79°F)	
Humidity range	40% to 70% RH (non-condensing)	
Power	1ϕ 200 - 240V 30A 4,0kW	

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