



# CtP Now!

**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.

**AGFA** 

STAY AHEAD. WITH AGFA GRAPHICS.

# Computer-to-Plate printing MADE EASY by Agfa Graphics.

**Computer-to-Plate (CtP)** imaging has been the most significant technology to emerge in the printing industry since desktop publishing. It is a digital process that forms the link between prepress and the pressroom, making the printed result perfectly predictable and consistent. The elimination of the intermediate film step (CtF) has made the print production workflow much easier, avoiding all potential film to plate copying issues such as vacuum failure, dust particle inclusions, exposure errors, etc.

Agfa Graphics' **Avalon B8-24 S/XT** is a thermal platesetter, based on the reliable Avalon N architecture and making use of the proven fiber-coupled laser technology. It is designed for manual plate loading and it comes without internal punching to breach all records of cost efficiency.

On top of the increased efficiency, when switching from a CtF to a CtP workflow, the absolute convenience of working with Agfa Graphics' **Azura** chemistry-free plate is an additional benefit. **Azura** is a thermal, negative-working plate for low/medium/high-volume commercial printing where simplicity, robustness and reliability are important. It provides the high-quality imaging you would expect from a thermal system, without chemical processing. Elimination of chemistry removes all process variables and simplifies plate making, giving you clear, consistent results. Azura users benefit from one of the simplest, most reliable and predictable CtP technologies ever created.

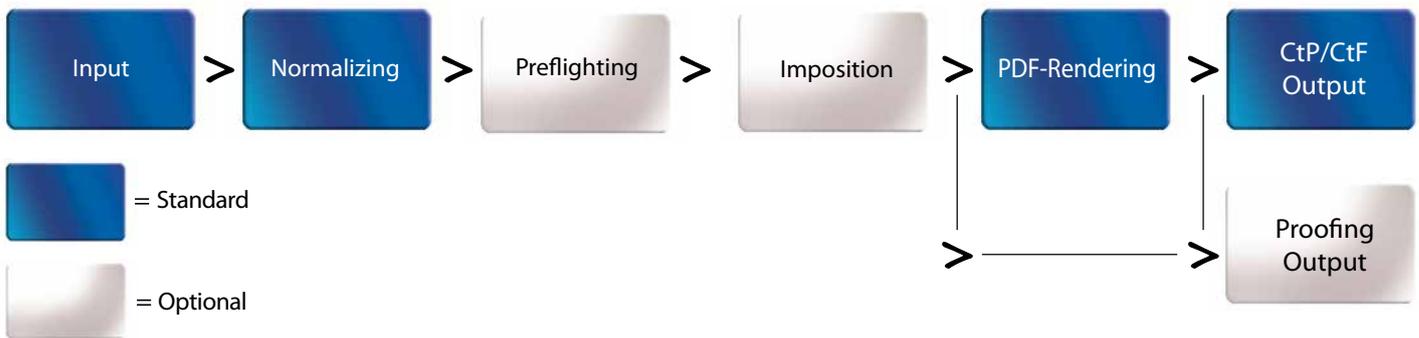


Avalon B8-24 S



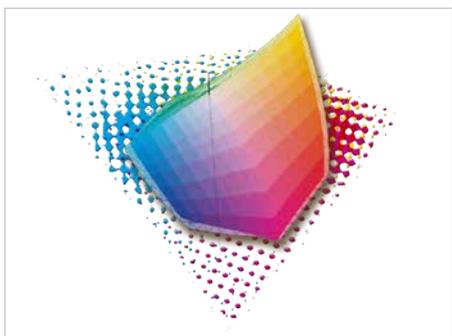
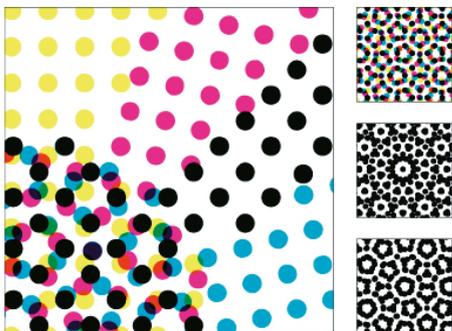
Agfa Graphics' CtP solution is managed and controlled by the industry leading **Apogee workflow**. It will complement the inherent efficiency of the **Avalon B8-24 S/XT** engine with a streamlined, automated workflow.

The PDF-based Apogee workflow system, adopted by thousands of users throughout the world, will bring new efficiency and quality into your prepress operation by focusing on ease of use and reducing opportunities for errors.



To ensure reliable output, the Adobe PDF Print Engine is incorporated in each Apogee workflow. The integration of automated preflighting and the award-winning imposition module boosts the system.

Agfa Balanced Screening (ABS)



Sublima

Screening technologies such as the **Agfa Balanced Screening** and **Sublima 200 lpi** are standard included in the Apogee software. Quality is just as important as on-time delivery, when it comes to keeping customers satisfied. Agfa's advanced screening technologies optimize output quality, reduce imperfections and give your print sharper details and more vibrant colors. The **integrated Color Management** offers the methods of simplifying calibration, quality control and color profiling.

IMAGER	B8-24 S Series	B8-24 XT Series
Models	64 beams	96 beams
Imaging System	64 channel Fiber coupled Laser Diodes	96 channel Fiber coupled Laser Diodes
Laser technology	830 nm Thermal	
Recording system	External drum	
Resolution	2400 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) <i>* Small plate option: not available</i>	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 <i>* drum rotation limits up to 600 rpm</i>	1060 x 806 mm (grip 12/12mm) 1060 x 810 mm (grip 8/12mm)*	
PLATES		
Approved Agfa Graphics plates	Azura TS, Azura TU, Amigo TS Thermostar P970, Energy Elite, Energy Elite Pro, Energy Xtra	
PLATE HANDLING CONFIGURATIONS		
<b>Plate loading</b>		
Manual loading	Yes	
Automatic loading	No	
Single cassette Autoloader	No	
Multi cassette Autoloader	No	
<b>Plate Unloading</b>		
Manual unload	Yes	
On-line processor (OLP)	Yes	
TROUGHPUT *		
Energy Elite Pro 1030 x 800 mm plate, 2400 dpi	23 pph	30 pph
	<i>*Throughput can be affected by plate sensitivity, screening and other factors</i>	
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	

For more detailed information please contact your local Agfa representative.

[www.agfagraphics.com/ctpnw](http://www.agfagraphics.com/ctpnw)