

:Avalon C

The Perfect Combination of High Precision, High Quality with Low Cost of Ownership

:Avalon C Computer to Plates (CtP) uses reliable, high efficiency, low maintenance laser diodes that are compatible with the requirement of most of the thermal plates in the market. Independent laser beam adjustments ensure that the laser power is balance across the plates. Optical auto-correction and auto-focus produce a sharp image on the dots. It also supports both AM and Agfa's CristalRaster FM screening.

Laser diodes can be individually replaced, allowing lower cost of operation. The system also has a redundancy design that allows continuous operation even when some of the diodes are not in working condition.

Imaging head runs on a magnetic levitated V-Rail, together with patented plate positioning and clipping technology to ensure high precision and repeatability, reducing plate preparation time and improving output and productivity.

Energy Saving, Environmental Friendly

:Avalon C is compatible with assortment of thermal plates as well as the award winning :Azura TS chemical free plate. :Azura TS plate is made from the innovative, proven Thermofuse coating technology that does not require any developer or replenisher. It reduces chemical discharge and lowers the carbon footprint by the printer. There is also no adjustment needed on the processor, improving the stability of the plates. Currently, there are more than 3000 satisfied :Azura TS customers worldwide. Agfa is also recognized at the leader in environment protection in many countries.

The Complete Prepress System

:Avalon C works with:Apogee workflow system to give a seamless operation for the commercial printing and packaging printing needs.

:Avalon C

The New Frontier in the Printing industry

Although faced with digital technology advancement, traditional offset printing still remains relevant for disseminating information and for packaging. Printing companies today need to be innovative and offer a complete solution to stand out from their competitors.



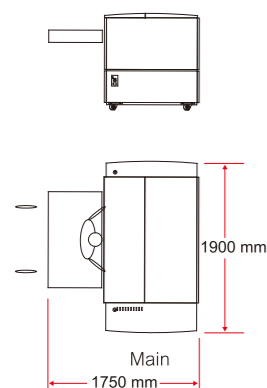
How does one succeed and stand out from their competitor? Agfa Graphics provides enterprises with solutions that are flexible, reliable and with a good return of investment. Agfa believes in print!

:Avalon C Computer to Plates (CtP) has robust features that can satisfy the needs of any printer. It uses proven technology with high accuracy and reliability, and helps to maintain lowest cost of operation possible. It is a commitment by Agfa Graphics to all the printers out there.

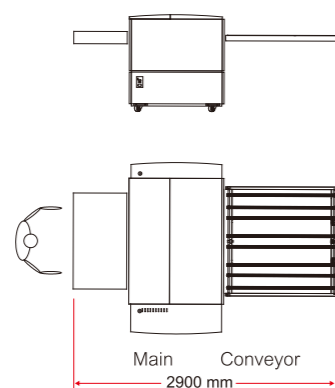


Model	:Avalon C4					:Avalon C6					:Avalon C8					:Avalon C20			:Avalon C30			
	:Avalon C4 16E	:Avalon C4 24E	:Avalon C4 32E	:Avalon C4 48E	:Avalon C4 64E	:Avalon C6 16F/G	:Avalon C6 24F/G	:Avalon C6 32F/G	:Avalon C6 48F/G	:Avalon C6 64F/G	:Avalon C8 16F/G	:Avalon C8 24F/G	:Avalon C8 32F/G	:Avalon C8 48F/G	:Avalon C8 64F/G	:Avalon C8 96F/G	:Avalon C20 48G	:Avalon C20 64G	:Avalon C20 96G	:Avalon C30 48G	:Avalon C30 64G	:Avalon C30 96G
Imaging Technology	830nm Thermal laser, External Drum																					
Laser Technology	Independent fiber coupled Laser Diodes,																					
Resolutions	Standard: 1800/2400/2540, Optional: 2800dpi and 3000dpi																					
Number of Laser Diodes	16	24	32	48	64	16	24	32	48	64	16	24	32	48	64	96	48	64	96	48	64	96
Max plate size (mm)	670x560					925x670					1160x940					1670x1290			1850x1422			
Min Plate size (mm)	320x240					320x240					450x370					650x550			650x550			
Max image size (mm)	670x548					925x658					1160x928					1670x1278			1850x1410			
Plate Thickness (mm)	0.15-0.30										0.15-0.40											
Repeatability	0.01 mm																					
Throughput (pph)*	2400dpi, W: 510mm plate					2400dpi, W: 745mm plate					2400dpi, W: 1030mm plate					2400dpi, W: 1620mm plate			2400dpi, W: 1850mm plate			
	19	27	34	45	55	14	21	26	36	44	9	13	17	23	29	38	11	14	20	10	13	18
Workflow	Agfa :Apogee Prepress workflow, compatible with third party workflow.																					
Screening	Compatible with Agfa :Sublima & :Cristal Raster																					
Working environment	Temperature: 20° C - 30° C, 23° C recommended, Humidity: 40% -60% moist-free, 50% recommended																					
Electrical Rating	AC 220V ± 5%, 50/60 Hz																					
Power	4.6 KVA					5.3 KVA					5.3 KVA					10 KVA						
Dimension (H x W x D,mm)	970x1375x1065					975x1625x1065					1140x1895x1020					1500x2700x1200						
Weight (kg)	900					1150					1240					2300						

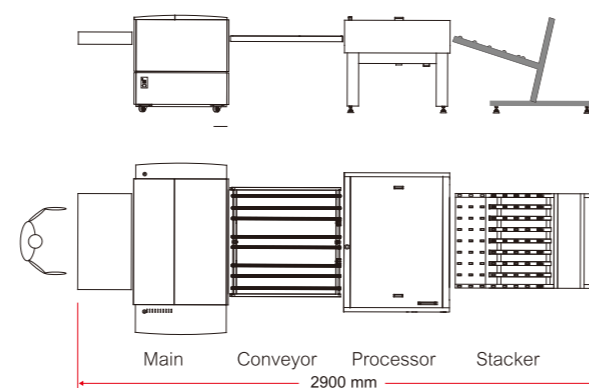
*Depending on the plate sensitivity



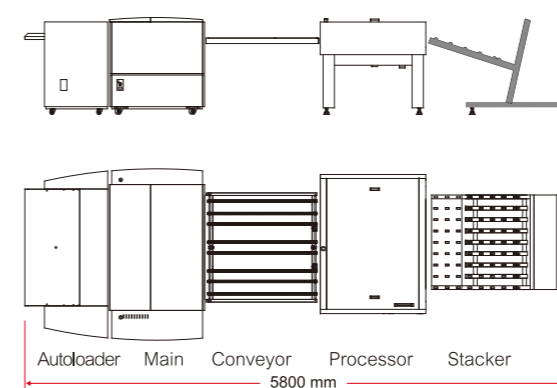
:Avalon C8 Front Load- Front Unload



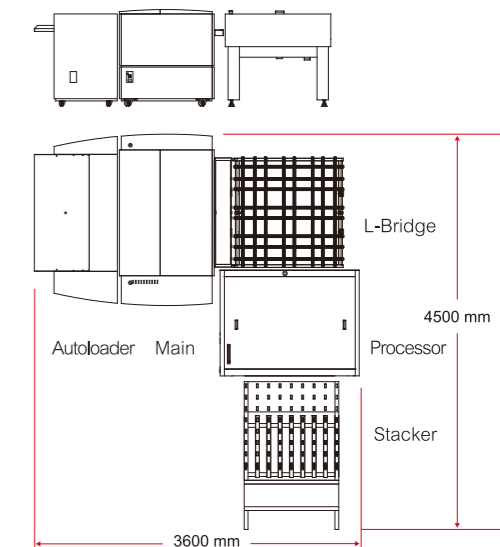
:Avalon C8 Front Load - Rear Unload



:Avalon C8 Online Manual Front Loading



:Avalon C8 Online Fully Automatic



:Avalon C8 Online L-shape fully automatic