Violet platesetter portfolio for the newspaper market

:Advantage

Get the :Advantage of CtP for your Newspaper Production TODAY.

Agfa combines its well known high standards in image quality with violet technology to provide a unique value proposition for both newspaper and commercial web printers. The printer is able to reach quality levels never before achievable.

The :Advantage range is designed to serve large through to small printers, by offering a choice of plate loading mechanisms. The cassette models, **:Advantage CL** and **:Advantage CLS**, are designed to serve high throughputs and/or multiple plate formats. The Direct Load platesetter, **:Advantage DL**, allows simple plate loading, providing the perfect entry level or backup solution.

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Reliability is Standard within the :Advantage System

Reliability is an absolute must! Beyond this critical element the ideal solution must provide consistency continually. It must provide quality that matches the requirements of the Newspaper and Web, Commercial Printer today and in the future. With the complete :Advantage range you get all this and far more!

Violet Imaging

The :Advantage Models incorporate the latest Violet Imaging technology developed by Agfa. Accepted as the New Industry Standard, it provides a lifetime of use combined with the lowest cost of ownership any imaging solution offers today.

Violet technology allows the user to enjoy the convenience of bright yellow, safe-light working conditions making the perfect compliment to the :Advantage System. As a key feature of the range, plates are either loaded directly into the system with the :Advantage DL, or into cassettes when working with the :Advantage CL, lowering the overall system's complexity. Both loading methods can be completed at the platesetters' side and this accentuates the value of being able to operate in a yellow safe-light working environment.

With :Sublima XM Screening and :Advantage's Violet Imaging Technology, you are now able to attain magazine-like quality within a newsprint environment, with a low cost of operation.

Loading the cassettes into the :Advantage CL and CLS is very easy.

:Advantage CL & CLS - if you go for speed and productivity

:Advantage CL & CLS – Fast and Faster

The :Advantage CL & CLS are casette models that are designed to provide you with the optimum speed for your production, combined with the ease of having multiple plate sizes on-line. The :Advantage cassette models have a very high imaging speed, fitting them perfectly into your deadline driven newspaper business. The :Advantage CL cassette model is offered in two speeds, the CL runs at 160 plates per hour, and the even faster CLS outputting at 220 plates per hour.

This high speed in combination with the flexibility of having multiple plate sizes on line makes the :Advantage CL & CLS the industry standard for affordable and high quality platesetting within the newspaper industry. These platesetters provide speed without compromise!

Cassette System ensuring Flexible Loading

The plates are loaded directly into the cassettes allowing greater flexibility for multiple plate sizes. As you can see in the illustrations, loading the cassettes in the :Advantage is very simple. The :Advantage CL and CLS have 3 cassettes that can each be loaded with a maximum of 400 plates of 685.8 x 965.2 mm (27 x 38)", providing you with the option of having 1,200 plates on-line. The :Advantage CL and CLS are loaded from the front of the system, allowing convenient positioning within the CtP room.

Extended cassettes for larger formats

The :Advantage CL & CLS System is designed so you have the option of employing 2 extended cassettes that hold up to 300 plates of 865.8 x 1066.8 mm (27 x 42"), allowing a maximum of 600 plates on-line.

Fully adaptable CtP Solution

As with the complete :Advantage line flexibility for the future is inbuilt in all the models, the DL, CL and CLS. All are designed to grow with your business demands, allowing you to attain more newspaper/commercial work and improve your overall business opportunities. They are upgradeable both in speed and/or by adding a high resolution option, meeting your business requirements!

The :Advantage DL can be accessed easily.

:Advantage DL - if simplicity is what you are looking for

:Advantage DL – Simple solution

The :Advantage DL is a direct load model that combines automation with a simple loading mechanism. This entry level, or back up solution incorporates an all new plate handling solution, that was designed to be more robust, reliable, and less complex than any system before. It reduces the amount of moving parts, but retains flexibility in order to meet all your needs now and in the future. The :Advantage DL can produce up to 100 plates, and has the option of being upgraded to speeds of 130 or even 160 plates an hour. The choice of speeds to suit your production is accompanied by a selection of resolutions, up to 1800 dpi is the standard and up to 2540 dpi is an option. These choices allow you to design a system to serve your requirements.

Direct Loading equals Easy Loading

The :Advantage DL enables plates to be stacked directly in the plate loading area. As you can see in the illustrations, entrance to the plate area is easy. Access is through the "gull-wing" doors that open up to the top of either side of the machine, giving the operator all the space he needs to load the :Advantage platesetter with the right plates. Plateloading is made easier with the guiding posts that can be adjusted according to your specific plate size.

The new :Advantage DL incorporates solutions, also, found in Agfa's ever popular :Polaris X platesetters, allowing the system to be configured for multiple plate sizes without the need of customisation. This flexibility allows easy changes on a day to day basis, plus ensures the product meets your needs for the future, when faced with web reductions or new press line installations. When a different plate size is required, the system can accommodate those changes with a minimum of time and effort.

QuickSwitch Option for Fast Switch between Plate Formats

The :Advantage DL QuickSwitch is an optional module, which can hold up to 500 broadsheet plates. It is designed to allow fast plate changes for the occasional different plate sizes. Underneath you can load up to 50 single or panorama plates. This will give you the possibility of switching from panorama to broadsheets or an alternative broadsheet size plate in no-time... in an affordable way.

Change from pano to broadsheets in a matter of seconds with the Quickswitch module.

:Advantage Portfolio share some great features

Technology with a Choice Of Plate

The :Advantage DL, CL & CLS supports your choice in visible light plate technology. Whether your preference is for the all new, robust :N91v Violet photopolymer plate or the highly popular :Lithostar Ultra LAP-V plate, the :Advantage platesetters support both. They are designed to employ all the benefits of Agfa's plate technology.

Small-footprint design

The advanced, integrated design of the :Advantage System takes up significantly less of your valuable floor space, than most other solutions helping you keep your platesetting operation as efficient and compact as possible. The side loading of the :Advantage DL and the end loading of the :Advantage CL & CLS, ensures convenient positioning within the Pre-Press room. Additionally, this feature saves floor space in the case where two units are located side by side, as it allows floor space to be shared by multiple units. It also means that the unit fits alongside existing imagesetter technology thereby allowing an easier transition from CtF to CtP.

High efficiency, low cost of operation

The :Advantage range provides the exceptional reliability and high level of automation that keeps total cost of operation low. Equipping your :Advantage system with a violet laser system helps reduce your cost of operation significantly, since this long-life laser is designed to last as long as the equipment, eliminating the need for limited life expectancy and expensive replacement of thermal or UV laser heads.

Agfa brings you advanced solutions and extensive services

With Agfa as your CtP partner, you can choose from a wide range of integrated solutions that complement your :Advantage platesetter – including high-quality digital plates optimized for your system, innovative :Sublima™ screening technology for newspapers, workflow expertise, advanced digital proofing, a full array of consumables, and much more. But we also provide worldwide consulting and integration expertise, responsive local service and support, and other key expertise that you need – all from a strong, long-term partner you can trust. To keep your newspaper operation as reliable and flexible as possible, choose Agfa – the world leader in newspaper computer-to-plate solutions.

:Advantage

Product specifications

Feature	:Advantage DL	:Advantage CL	:Advantage CLS
Imaging System	- 405nm Violet Laser Diode - Precision Flat-field Drive	- 405nm Violet Laser Diode - Precision Flat-field Drive	- 405nm Violet Laser Diode - Precision Flat-field Drive
Image Quality	:Sublima 180 lpi 1% - 99% :ABS 150 lpi 2% - 98%	:Sublima 180 lpi 1% - 99% :ABS 150 lpi 2% - 98%	:Sublima 180 lpi 1% - 99% :ABS 150 lpi 2% - 98%
Plate supply Capacity	500 broadsheets or 500 panoramas or 500 broadsheets + 50 panoramas with Quickswitch option	3 cassettes of 400 (0.30/12mil) pl/cassette 685.8 x 965 mm (27 x 38") 2 cassettes of 300 (0.20/8mil) pl/cassette 685.8 x 1066.8 mm (27 x 42")	3 cassettes of 400 (0.30/12mil) pl/cassette 685.8 x 965 mm (27 x 38") 2 cassettes of 300 (0.20/8mil) pl/cassette 685.8 x 1066.8 mm (27 x 42")
Plates Supported	:N91v, :Lithostar Ultra LAP-V (aluminium)	:N91v, :Lithostar Ultra LAP-V (aluminium)	:N91v, :Lithostar Ultra LAP-V (aluminium)
Max. Plate Size	685.8 x 1066.8 mm (27" x 42")	685.8 x 965 mm (27" x 38") (standard cassettes) 685.8 x 1066.8 mm (27" x 42") (extended cassette)	685.8 x 965 mm (27" x 38") (standard cassettes) 685.8 x 1066.8 mm (27" x 42") (extended cassette)
Min. Plate Size	292 x 450 mm (11.5" x 17.75")	292 x 450 mm (11.5" x 17.75")	292 x 450 mm (11.5" x 17.75")
Thicknesses Supported	0.20 mm - 0.30 mm (.008" - .012")	0.20 mm - 0.30 mm (.008" - .012")	0.20 mm - 0.30 mm (.008" - .012")
Supported Resolutions	1000 - 1800 (Standard) 1000 - 2540 (with Hi-Res option)	1000 - 1800 (Standard) 1000 - 2540 (with Hi-Res option)	1000 - 2540 (Standard)
Repeatability	+/- 0.025mm (0.001") best fit over 4 consecutive plates	+/- 0.025mm (0.001") best fit over 4 consecutive plates	+/- 0.025mm (0.001") best fit over 4 consecutive plates
Configurations	Fully Automated Plate Handling and Slip-sheet removal with On-line Processing	Fully Automated Plate Handling and Slip-sheet removal with On-line Processing	Fully Automated Plate Handling and Slip-sheet removal with On-line Processing
Installation Lighting	Bright Yellow Safelight for Plate Loading, White light for Operation	Bright Yellow Safelight for Plate Loading, White light for Operation	Bright Yellow Safelight for Plate Loading, White light for Operation
Register System	3-Point registration	3-Point registration	3-Point registration
Interface Input	:Arkitex Newsdrive	:Arkitex Newsdrive	:Arkitex Newsdrive
Imaging Speed	455 (optional 620 and 820) scan lines per second	820 scan lines per second	1,180 scan lines per second
Image Scaling X & Y	Anamorphically in 1 dpi increments	Anamorphically in 1 dpi increments	Anamorphically in 1 dpi increments
Footprint	1040 x 3840 mm (41" x 151") + Transport Bridge (not including processor)	1040 x 3840 mm (41" x 151") + Transport Bridge (not including processor)	1040 x 3840 mm (41" x 151") + Transport Bridge (not including processor)
Weight	2700 lbs. (1225 kg)	2700 lbs. (1225 kg)	2700 lbs. (1225 kg)
Productivity (plates/hour)(*)			
343 x 685 mm 1016 dpi	100	160	220
(13,5 x 27") 1270 dpi	80	135	185
635 x 685 mm 1016 dpi	55	100	135
(25 x 27") 1270 dpi	45	80	110

*Speed upgrade options available.

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