

NewsXpress-II

140 PPH FULLY AUTOMATED COMPUTER TO PLATE SYSTEM

High Speed, Large Format Metal Plate Making System

The fully automated NewsXpress-II Violet CTP provides new levels of simplicity, versatility and economy and is the ideal transition to unattended CTP production for newspapers. Combined with either the alfa CTP, PlateMate or PrintExpress workflow systems, the NewsXpress-II meets production deadlines in today's most demanding environments.

Fully Automated Slip Sheet and Plate Handling

Most CTP plates are packaged with paper slip sheets to protect the sensitive emulsion layer of each plate. The NewsXpress-II removes slip sheets with no degradation in throughput. Slip sheets are deposited in a bin that can be emptied without exposing the unused plate supply.

- Optimized plate handling allows high production performance of up to 140 plates per hour at 1016 dpi.
- Ideal for high plate volume newspapers and printers with presses using Berliner through double wide plates.
- Utilizing the latest 120 mw violet laser technology our future-proof design allows a smooth transition to violet chemistry-free plate technology.
- Accommodates the widest range of web widths up to a maximum format of 25" x 36.5".
- Sensors track slip-sheets through pick-up, removal and disposal using patented slip sheet compacting technology - ensuring superior reliability
- Simple and intuitive operator interface makes training easy for everyone.
- Open-ended software system accepts 1-bit TIFF files.
- No hidden extras – the online conveyor is standard on the NewsXpress-II, allowing for a direct connection to the processor at no extra cost.
- To provide added flexibility, the optical configuration includes eight resolutions from 1016 to 2540 dpi.
- High capacity plate cassette and trolley handles 340 eight gauge plates or 250 twelve gauge plates.
- Basic electricity requirements and quick installation — no dedicated power line needed. Low energy consumption, draws the same energy as a PC.
- Operates in normal daylight conditions

Multiple RIP & Workflow Choices

The alfa CTP Systems family of modular architecture lets you configure a system for your exact application, based on either alfa CTP or PrintExpress Workflow. Related products include:

- Web Based Workflow Management
- Automated Pre-flighting
- Automated Post-RIP Page Pairing
- Dynamic Job Routing
- Stochastic Screening
- Automated Fan-Out Compensation
- Multiple PrintExpress RIP Modules
- Ink Pre-Setting
- Network Proofing
- Web Based Soft Proofing
- Cluster Failover & Disaster Recovery
- Page Tracking

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CTP Systems

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Choose NewsXpress-II for your violet CTP solution

The NewsXpress-II offers the lowest total cost of ownership in the business and the highest quality performance in the industry. The NewsXpress-II manufacturing facility is located in the USA and is certified as being in conformity to ISO 9001:2008 standards. The flexible design lets you decide what's best for your CTP system, workflow, plates and processors. We support you every step of the way and work with you to ensure complete system integrity.



NewsXpress-II Specifications

Plate Sizes	Maximum: 635mm x 927mm (25.0" x 36.5") Minimum: 385mm x 289.6mm (15.15" x 11.4")
Plate Thickness	0.14mm to 0.35mm (0.0055" to 0.014")
Media Types	Violet-sensitive photopolymer and silver halide metal plates. See media specifications for safe-light information.
Plate Cassette Capacity	High capacity cassette: 340 plates - 8 gauge (0.2mm); 250 plates - 12 gauge (0.3mm) Standard cassette: 65 plates - 8 gauge (0.2mm); 58 plates - 12 gauge (0.3mm)
Recording Source	Violet laser diode (405 nm), available for photopolymer or silver halide plates
Maximum Line Screen	Up to 150 lpi. Media dependent
Resolutions	8 resolutions from 1016 to 2540 dpi. Three anamorphic resolution sets available — 1016 x 2032, 1200 x 2400 and 1270 x 2540.
Image Scaling	Image scaling from 85% to 110% of original
Repeatability	0.025mm (0.001") typical May vary according to media type and processing conditions
Air Supply Requirement	6.2 BAR @ 283L/min (10CFM @ 90 PSI)
Processing Online:	The plate transport automatically moves the plate into the processor.
Environmental Power:	100 - 240 Volts; 3 Amps; 250 watts maximum; 50/60Hz, single phase
Heat Dissipation:	850 BTU/hour
Operating Conditions	62 - 86o F (17 - 30o C); relative humidity 45 - 65%, non-condensing. Relative humidity outside of this range may affect performance. Operating conditions outside plate media specifications may affect performance.
Weight	409 kg (900 lbs.)
Footprint Dimensions	Width: 86.5cm (34.0") Length: 336.0cm (132.6") Height: 191.0cm (75.1")



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