

NEWSmax CTP

FULLY AUTOMATED COMPUTER TO PLATE SYSTEM

100 PPH, 160 PPH, 220 PPH, 280 PPH, 340 PPH, 400 PPH

High Speed, Large Format Metal Plate Making System

The NEWSmax platesetter is equipped with today's best imaging technology. The fully automated NEWSmax Violet CTP combines new levels of simplicity, versatility and economy with high speed performance providing unattended high volume CTP production for newspapers. Combined with the PrintExpress workflow system, the NEWSmax meets production deadlines in today's most demanding environments. Select from the 100, 160, 220, 280, 340 or 400 PPH Violet Photopolymer system to match your plate making requirements.

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 NEWSmax 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 400 plates per hour at 1016 dpi.
- 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".
- Flexible configuration allows for field upgrades for higher plate throughput.
- Open-ended software system accepts 1-bit TIFF files
- Simple and intuitive operator interface makes training easy for everyone.
- Ideal for high plate volume newspapers and printers with presses using Berliner through double wide plates.
- No hidden extras – the online conveyor is standard on the NEWSmax, allowing for a direct connection to the processor at no extra cost.
- Variable plate flow allows for left or right plate output to accommodate room layout (factory configured)
- High capacity plate cassette and trolley handles up to 1000 plates for less operator interaction..
- Operates in normal daylight conditions

Multiple RIP & Workflow Choices

The alfaQuest family of modular architecture lets you configure a system for your exact application, based on either alfa CTP or alfaQuest 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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Choose NEWSmax for your violet CTP solution

NEWSmax offers the lowest total cost of ownership in the business and the highest quality performance in the industry. Our product portfolio lets you decide what's best for your CTP system and workflow. We support you every step of the way and work with you to ensure complete system integrity.



NEWSmax CTP Specifications

Plate Sizes	Maximum: 640mm x 930mm (25.19" x 36.6") Minimum: 264mm x 468mm (10.4" x 18.43")
Plate Thickness	0.20mm to 0.30mm (0.008" to 0.012")
Media Types	Violet sensitive, silver and photopolymer plates. See media specifications for safe-light information.
Plate Cassette Capacity	Up to 1000 plates on-line (trolley)
Recording Source	120 mw violet laser diode (405 nm)
Screening	AM, FM, hybrid, dependent on plate type
Resolution	Up to 1270 dpi
Spot Size	20 micron
Air Supply Requirement	Air dry, clean, oil free; min. 5.5 bar (80 psi)
Processing	automated unloading, online to processor
Environmental	Power: Single phase, 220 Volts; 16 Amps; 2000 watts maximum
Interface	1 BIT TIFF G4 via network RJ45 1000 T Standard
Operating Conditions	64 - 73o F (18 - 23o C); relative humidity 40 - 60%. Relative humidity outside of this range may affect performance. Operating conditions outside plate media specifications may affect performance. Room-light: daylight, yellow safe light for plate loading in trolley
Weight	800 kg (1760 lbs.)
Footprint Dimensions	Width: 155cm (61.0") Length: 230cm (90.6") Height: 185cm (72.8")



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