Presstek ProV Newz

Violet CTP Systems For Newspaper and Publication Printers

- 405 nm Violet Laser Systems
- Systems for Small, Medium and Large Web Press Operations
- Format Flexibility For a Wide Range of Plate Sizes
- A Range of Throughput Volumes Up to 400 Plates Per Hour
- 1200 to 3556 dpi Resolutions
- Choice of Automation Levels
- Easy to Install and Use

PROV NEWZ

ECO-FRIENDLY PRINTING SOLUTIONS

PRESSTEK
A SMARTER WAY TO PRINT

Speed and Volume Matched to Small, Medium and Large Operations

Presstek's ProV Newz series of violet laser platesetters offers newspaper printers of all sizes some of the lowest costs of ownership in CTP systems, while delivering speed and ease-of-use. ProV Newz systems offer excellent imaging performance with all violet laser plates designed for 405 nm systems.

ProV Newz systems are available in three models, each offering the right level of speed and automation for your operations. All offer ease-of-use, intuitive operator interfaces, and easy installation. The entire Presstek portfolio of CTP systems is supported by a network of technical support specialists.

ProV Newz

High Quality Imaging and Maximum Value for Small and Medium-sized Newspapers

ProV Newz is ideal for deadline driven publishing where fast, simple and dependable platemaking is required. Just queue a single, paired or double page file, position the plate with the integrated edge-register pinbar, and ProV Newz is set to image.

- Supports a broad range of plate sizes
- Resolutions from 1016 dpi to 2540 dpi
- Line screen ruling up to 150 lpi[1]
- Capable of imaging over 78 Berliner size plates (12.4" × 18.5") per hour at 1200 dpi[2]
- Accommodates a range of web formats up to 25" × 37.8"
- Straight-through imaging and delivery for highly accurate, reliable performance and plate handling
- An inline conveyor included as standard equipment allows for a direct connection to the processor at no extra cost
- Basic electricity requirements and quick installation—No dedicated power line is needed
- Low energy consumption
- Low maintenance and long life

ProV Newz AP

Affordable Automated Platemaking

The fully automated ProV Newz AP delivers the same simplicity, flexibility, imaging performance and low energy consumption as the ProV Newz, but with fully unattended plate production.

- Capable of imaging over 60 broadsheet plates (23.5" × 29.5") per hour at 1270 dpi[2]
- Ideal for all popular single-width newspaper presses from Berliner to the Goss family of presses
- Accommodates a range of web formats up to 25" × 36.5"
- Sensors track slip sheets from pick-up to disposal to ensure fast, reliable throughput
- System operates in normal daylight (load cassettes in safelight)
- Inline connection to processor is standard equipment
- Standard plate cassette or optional high capacity cassette

[1] Without complex loading/unloading cycles
[2] Depending on media

ProV Newz APX

High Speed, Fully Automatic Platemaking for High Volume Newspapers and Printers

ProV Newz APX offers newspapers and publication printers high speed plate production, along with flexible configurations to match any production environment. Available with throughput speeds from 100 to 400 plates per hour, a ProV Newz APX system is an ideal solution when fully automated high volume plate production is required.

ProV Newz APX Overview

- Produces Berliner through double wide plates
- Accommodates a range of web formats up to 25.19" × 36.6"
- High capacity cassette and trolley handles up to 1,000 plates
- System operates in normal daylight (load cassettes in safelight)
- Utilizes 120 mw laser technology, allowing for a transition to low-chemistry or chemistry-free platemaking
- An inline conveyor included as standard equipment allows for a direct connection to the processor at no extra cost
- Basic electricity requirements and quick installation—No dedicated power line needed
- Low energy consumption
- Low maintenance and long life

Flexibility to Fit Your Operations

- Field upgradeable to higher plate throughput
- Semi-automatic systems are available with a field upgrade path to full automation
- Designed for left or right plate output to fit any floor plan (factory configured)

Optimize Production With Presstek NuVio Newz Plates

NuVio™ Newz
NO PREHEAT VIOLET

Bundle a ProV system with Presstek plates and service to add even more value for your operation.

NuVio Newz is the world's first no preheat violet plate for newspaper print applications. Extremely durable, NuVio Newz is suitable for a wide range of press platforms including heatset and coldset web, UV, and sheetfed. Our no preheat violet technology not only streamlines your workflow but offers significant savings in energy costs.

- Clean processing—No redeposits; just clean processor with water at changeouts
- No neutralization required when disposing developer
- Stable for 8 hours in yellow (G10) light
- Run lengths up to 300,000 no pre-heat, 1 million+ with optional post-bake
- High resolution 1-99% dot at 200lpi

Technical Specifications

ProV Newz and ProV Newz AP Models

Model	ProV Newz	ProV Newz AP
Plate Sizes	Maximum 25"× 37.8" (635mm × 960mm) Minimum 8.9"× 9.9" (228mm × 252mm)	Maximum 25"× 36.5" (635mm × 927mm) Minimum 11.4"× 15.15" (289.6mm × 385mm)
Plate Thickness	0.0055" to 0.014" (0.14mm to 0.35mm)	
Media Types	Violet-sensitive photopolymer and silver halide metal plates (See media specifications for safe-light information)	
Recording Source	120mw violet laser diode (405nm)	
Resolutions	Eight resolutions from 1016 to 2540dpi; three resolution sets of 1016×2032, 1200×2400 and 1270×2540	
Maximum Line Screen	Up to 150lpi — Media dependent	
Processing	Plate transport automatically moves plates to the processor via bridge	
Output Speed	Up to 78 Berliner plates[1]/hour at 1200dpi	Up to 60 broadsheet plates[2]/hour at 1270dpi
Plate Cassette Capacity	NA	Standard: 65 8-gauge (0.2mm), 58 12-gauge (0.3mm) High Capacity: 340 8-gauge (0.2mm), 250 12-gauge (0.3mm)
Workflow	1-bit G4 TIFF files—Choose the workflow you want	
Net Weight	320lbs (145.5kg)	900lbs (409kg)
Dimensions (W×D×H)	38"× 73"× 74" (965mm × 1854mm × 1880mm)	34"× 132.6"× 75.1" (865mm × 3360mm × 1910mm)
Power	100–240 Volts; 3 Amps; 250 watts maximum; 50/60Hz single phase	
Environment	Temperature 62–86°F (17–30°C); Relative Humidity 45–65% non-condensing[3]	
Air Supply Required	NA	10cfm @ 90 psi (6.2 bar @ 283L/minutes)

[1]Berliner plate size: 12.4"×18.5" (315mm × 470mm)
[2]Boadsheet plate size: 29.5"× 23.5" (750mm × 600mm)
[3]Relative humidity outside specified range may affect performance. Operating conditions outside those of plate media specifications may affect performance.

ProV Newz APX

Plate Sizes	Maximum 25.19"× 36.6" (640mm × 930mm); Minimum 10.4"× 18.43" (264mm × 468mm)
Plate Thickness	0.008" to 0.012" (0.2mm to 0.3mm)
Media Types	Violet-sensitive photopolymer and silver halide metal plates (See media specifications for safe-light information)
Recording Source	120mw violet laser diode (405nm)
Resolution	Up to 1270
Line Screen	AM, FM, hybrid — Media dependent
Processing	Automated unloading, inline to processor
Output Speed	Up to 400 plates/hour at 1270dpi
Plate Cassette Capacity	Up to 1,000 plates inline (trolley)
Workflow	1-bit G4 TIFF files via network RJ45 1000T standard
Net Weight	1760lbs (800kg)
Dimensions (W×D×H)	61"× 90.6"× 72.8" (1550mm × 2300mm × 1850mm)
Power	Single phase 22 Volts; 16 Amps; 2000 watts maximum
Environment	Temperature 64–73°F (18–23°C); Relative Humidity 40–60% non-condensing[1]
Air Supply Required	Dry, clean, oil-free; minimum 80 psi (5.5 bar)

[1]Relative humidity outside specified range may affect performance. Operating conditions outside those of plate media specifications may affect performance.

Product specifications are subject to change.

ECO-FRIENDLY PRINTING SOLUTIONS

Contact us to learn more about Presstek's eco-friendly printing solutions.

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9-2787 03/17