

Javelin 8600N E/S/Z/SL - Specifications

| COMMON TO JAVELIN SERIES | | |
|--------------------------|--|--|
| Recording System | External Drum | |
| Repeatability | ±5 microns (±0.2mil.)* | |
| Media | Thermal (infrared sensitive) plates | |
| Media Thickness | 6 to 12 gauge (0.15 to 0.3 mm) 16 gauge field upgrade option*5 | |
| Interface | Fast PIF | |
| Autoloaders*3 | SAL - 100 plate capacity | MAL 8800N • 100 plate capacity*6 per cassette • 3 cassette standard • 5 cassettes maximum |
| Options | Punching-Heidelberg, Komori and others • Javelin 8600E to 8600S upgrade • 8mm Tail Clamp | |
| Environment | Recommended: 70°F – 77°F 40% to 70% relative humidity (non-condensing) | |
| Dimensions | Main unit: 96.3"W x 51"D x 54.7"H (engine only) | |
| Power Requirements | Single phase 200-240V, 32A, 4.0kW | |
| Weight | 2,530 lbs. | |

| | JAVELIN 8600N-E | JAVELIN 8600N-S | JAVELIN 8600N-Z | JAVELIN 8600N-SL |
|------------------|---|--|---|---|
| Light Source | 32 channel infrared laser diodes | 64 channel infrared laser diodes | 62 channel infrared laser diodes | 64 channel infrared laser diodes |
| Resolutions | 1200, 2400, 2438, 2540 dpi | 1200, 2400, 2438, 2540 dpi | 1200, 2000, 2400, 2438, 2540, 4000 dpi | 1200, 2400, 2438, 2540 dpi |
| Imaging Times | 14 plates per hour @2400 dpi*4 40.5" x 31.4" (LH-PJ) (1030mm x 800mm plate) | 23 plates per hour @2400 dpi*4 40.5" x 31.4" (LH-PJ) (1030mm x 800 mm plate) | 23 plates per hour @2400 dpi*4 40.5" x 31.4" (LH-PJ) (1030mm x 800mm plate) | 22 plates per hour @2400 dpi*4 40.5" x 31.4" (LH-PJ) (1030mm x 800mm plate) |
| Plate Size*1 | Max: 45.7" x 37" (1,160mm x 940mm) Min: 12" x 14 9/16" (304mm x 370mm) | Max: 45.7" x 37" (1,160mm x 940mm) Min: 12" x 14 9/16" (304mm x 370mm) | Max: 45.7" x 37" (1,160mm x 940mm) Min: 12" x 14 9/16" (304mm x 370mm) | Max: 45.3" x 37" (1,150mm x 940mm) Min: 12" x 14 9/16" (304mm x 370mm) |
| Exposure Size *2 | Max: 45.7" x 36.4" (1,160mm x 924mm) Min: 12" x 14" (304mm x 354mm) | Max: 45.7" x 36.4" (1,160mm x 924mm) Min: 12" x 14" (304mm x 354mm) | Max: 45.7" x 36.4" (1,160mm x 924mm) Min: 12" x 14" (304mm x 354mm) | Max: 45.3" x 36.4" (1,150mm x 924mm) |

* Over four consecutive exposures on one plate at 73.4°F and 60% relative humidity.

*1 The Registration Punch Option is required for a plate width (across the drum) dimension between 237/32" x 24" (590mm – 610mm).

*2 Use of the 8mm clamps results in a 16mm reduction of exposure size.
Use of the 12mm clamps results in a 24mm reduction of exposure size.
Maximum drum speed of 600 rpm for 8mm clamps or for plates smaller than 650mm x 550mm (259/16" x 215/8").

*3 Autoloaders (SAL/MAL) support a minimum plate size of 17 11/16" x 14 9/16" (450 x 370).
The SPK (small plate kit) option for the SAL/MAL and T-9001 Conveyor is required to support minimum plate sizes of 12" x 14 9/16" – 17 11/16" x 14 9/16" (304 x 370 – 450 x 370).

*4 May vary depending on the sensitivity of the media and selected plate clamp.

*5 35 14/32" x 30 11/32" (900 x 770) or larger 16-gauge plate

*6 6, 8 & 12 Gauge only 75 plates for 16-gauge

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FUJIFILM

A close-up, low-angle shot of the top of a blue industrial machine. The machine has a white label that reads "PlateRite 8600N-Z". The lighting is dramatic, with a bright light source from the left creating a strong highlight on the machine's surface and casting deep shadows. A green light is visible in the background.

PlateRite 8600N-Z

JAVELIN 8600 Series

PRODUCT BROCHURE

JAVELIN 8600N-E

an entry level thermal platesetter where price over productivity is more important

JAVELIN 8600N-S

a faster, more productive on-site upgrade from the Javelin E

JAVELIN 8600N-Z

all the speed and productivity of the Javelin S, with additional resolution options

JAVELIN 8600N-SL

an economical, upgradeable option of the Javelin S



Thermal CTP platesetter series for quality, productivity that keep the presses running.

Why is thermal computer-to-plate technology the system of choice for so many successful companies? There is no doubt, thermal CTP's imaging technology lends itself to provide quality whenever the demand is there. And with imaging consistency over long periods of time and daylight plate loading, it makes sense for almost every commercial printer. Bottom line...it's always about keeping the presses running.

The Javelin 8600N Series feature state-of-the-art thermal CTP recorders that deliver the versatility and productivity to meet the demand of today's printers. With the single cassette or multi-cassette autoloader, users can enjoy hundreds of plates being imaged without operator intervention and hours of unattended operation.

All models offer optional inline plate punching for perfect on-press register and faster makeready times, as well as our acclaimed autoloader options for unattended plate loading. If you like the idea of running your pressroom at full capacity, you'll love the Javelin 8600N Series.

Fujifilm plates and screening technologies

- ▶ Ideal solution combined with Ecomaxx-T or LH-PJ Thermal plates
- ▶ Co-Res and TAFETTA screening options are available

Center load registration system with automatic drum balancing

- ▶ Guarantees registration on press for faster make-readies
- ▶ Eliminates plate skewing concerns, regardless if the plate manufacturer's plates aren't cut perfectly square

Automatic calibration every 16 plates

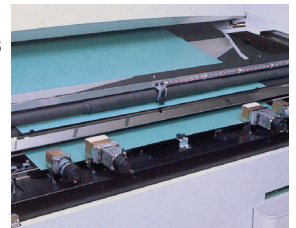
- ▶ Guarantees exposure and plate calibration never drift

Laser system redundancy

- ▶ Never down with a laser failure

Automation options

- ▶ Manual to fully automatic options plus two loading slots for increased automation
- ▶ On-line press punching options
- ▶ Reduces manual labor errors and provides faster make-readies





UNRIVALED PRINT QUALITY

The Javelin 8600N-S and 8600N-Z features a 64-channel light source and, combined with a high speed rotating drum, provides output up to 22 plates per hour. For a more economical choice, the Javelin 8600N-E utilizes a 32-channel light source and is capable of outputting up to 14 plates per hour.

Experience the exceptional screening reproduction that only thermal plate recorders can deliver: there are three advanced models to suit all of your production requirements.

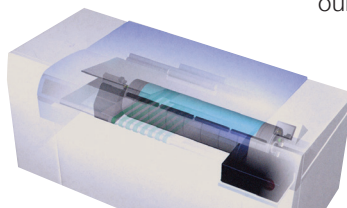
INLINE PUNCHING SYSTEM INCREASES REGISTRATION ACCURACY

The Javelin 8600N Series features an automatic inline punching system that helps enable perfect register on press. Plates are punched immediately before loading on to the drum. Holes punched in the plates line up perfectly with registration pins on the drum, ensuring that the plates are always in the same position irrespective of plate size and squareness. This results in extremely high registration accuracy.

By adding optional press punch blocks (up to 8 punch blocks can be mounted and selected according to plate sizes and press types), imaged plates can be loaded straight on to the press. This eliminates any further manual steps, ensures high registration accuracy and creates the foundation for perfect results on press. The whole process shortens press makeready time dramatically and tremendously improves the efficiency of the whole operation.

ADVANCED EXTERNAL DRUM DESIGN

The thermal Javelin 8600N series is constructed with a reliable external drum design. This makes it possible for the drum to spin at high speeds with the imaging head positioned close to the surface of the plate. Easy maintenance of the imaging head is another key advantage of this design. Individual laser diodes can be replaced as required.



PRODUCTIVITY UPGRADE

To meet your expanding production requirements, we have made it easy to upgrade the Javelin 8600N-E to the 8600N-S by simply replacing certain key parts. This can be done on-site and eliminates excess costs and increases operating efficiency.

AUTOLOADER OPTIONS

The SAL 8800N single cassette autoloader can hold up to 100 plates with automatic interleaf paper removal. The MAL 8800N multi-cassette autoloader comes standard with three cassettes, each holding 100 plates with automatic interleaf removal. Two additional MAL cassettes are available as an option, which allows for five cassettes on-line making it possible to image 500 plates of five different sizes without operator intervention.



THE FUJIFILM GREEN POLICY

We at Fujifilm believe that “sustainable development” of the Earth, mankind, and companies in the 21st century is an issue that must be addressed with the highest priority.

As a socially responsible corporation, we actively undertake corporate activities with our environmental values in mind. We strive to be a dedicated steward of the environment and assist our customers and corporate partners in doing the same.