



Javelin 8300N-E/S external drum thermal platesetters featuring quality and consistency

Why is thermal computer-to-plate technology the system of choice for so many successful companies? There's no doubt about thermal CTP's reliable high-quality output. It is unrivaled for its superb sharp dots. Whenever quality is crucial, the natural choice is thermal. Its consistency for long run lengths and easy daylight handling are also important for many printers. And the bottom line is always about keeping the presses running.

The Javelin 8300N-S and Javelin 8300N-E are state-of-the-art thermal CTP recorders. They deliver the versatility and productivity you need to keep your presses running.

Both also 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 8300N Series.

JAVELIN 8300N-E an entry-level thermal platesetter when price over productivity is more important.

JAVELIN 8300N-S a faster, more productive thermal 8-up platesetter

Javelin 8300N-E/S Key Features:

Fujifilm plates and screening technologies

- ▶ Ideal solution combined with Ecomaxx-T or LH-PJ thermal plates
- ▶ Co-Res and TAFFETTA screening options 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

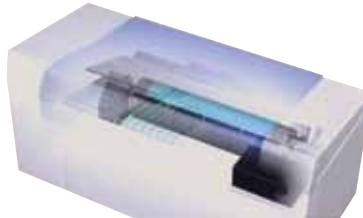
UNRIVALED PRINT QUALITY

The Javelin 8300N-S features a 32-channel light source, and combined with a high speed rotating drum, provides output up to 13 plates per hour. For a more economical choice, the Javelin 8300N-E utilizes a 16-channel light source and is capable of outputting up to 8 plates per hour.

Experience the exceptional screening reproduction that only thermal plate recorders can deliver. Fujifilm has developed advanced models to suit any production requirements.

ADVANCED EXTERNAL DRUM DESIGN

The thermal Javelin 8300N series is constructed with a reliable external drum design, making 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 and individual laser diodes can be replaced as required.



INLINE PUNCHING SYSTEM INCREASES REGISTRATION ACCURACY

The Javelin 8300N-S and Javelin 8300N-E feature an automatic inline punching system that enables 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.

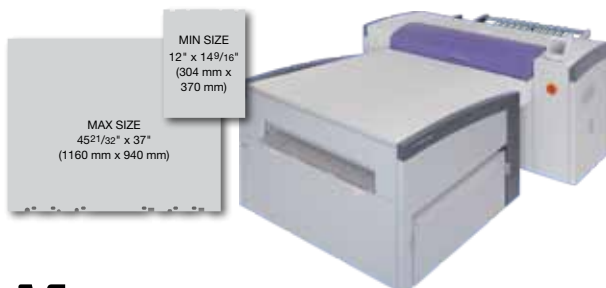
By adding optional press punch blocks (up to 8 punch blocks can be mounted and selected according to plate sizes and press types), imaged plates can be loaded straight on to the press. This eliminates any further manual steps, ensures high registration accuracy and creates the foundation for perfect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

PRODUCTIVITY UPGRADE

To meet your expanding production requirements, we have made it easy to upgrade the Javelin 8300N-E to the 8300N-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.



SPECIFICATIONS:

Common to both JAVELIN 8300N-E & 8300N-S

RECORDING SYSTEM

- ▶ External drum

REPEATABILITY

- ▶ ±5 microns (±0.2mil)*

PLATE SIZE*1

- ▶ Maximum: 45.7" x 37"
- ▶ (1160 mm x 940 mm)
- ▶ Minimum: 12" x 14.6"
- ▶ (304 mm x 370 mm)

EXPOSURE SIZE*2

- ▶ Maximum: 45.7 x 36.4"
- ▶ (1160 mm x 924 mm)
- ▶ Minimum: 12" x 14"
- ▶ (304 mm x 354 mm)

MEDIA

- ▶ Thermal (infrared sensitive) plates

MEDIA THICKNESS

- ▶ 6 to 12 gauge (0.15 to 0.3 mm)
- ▶ 16 gauge field option*6

INTERFACE

- ▶ Fast PIF

AUTOLOADERS*3

SAL 8800N

- ▶ 100 plate capacity*7

MAL 8800N

- ▶ 100 plate capacity*7 per cassette
- ▶ 3 cassette standard
- ▶ 5 cassettes maximum

OPTIONS

- ▶ Punching-Heidelberg, Komori, and others
- ▶ Javelin 8300N-E to 8300N-S upgrade

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.

Specific to JAVELIN 8300N-E

RESOLUTIONS

- ▶ 2400 dpi
- ▶ 2438 dpi
- ▶ 2540 dpi
- ▶ (1200 dpi with 8300N-S upgrade)

LIGHT SOURCE

- ▶ 16-channel infrared laser diodes

IMAGING TIME

- ▶ 8 plates per hour @2400 dpi*4
- ▶ 40.5" x 31.4" (LH-PJ) (1030 mm x 800 mm plate)

Specific to JAVELIN 8300N-S

RESOLUTIONS

- ▶ 1200 dpi
- ▶ 2000 dpi
- ▶ 2400 dpi
- ▶ 2438 dpi
- ▶ 2540 dpi
- ▶ 4000 dpi*5

LIGHT SOURCE

- ▶ 32 channel infrared laser diodes

IMAGING TIMES

- ▶ 14 plates per hour @2400 dpi*4
- ▶ 40.5" x 31.4" (LH-PJ) (1030 mm x 800 mm plate)

* 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" (590 mm – 610 mm)

*2 Use of the 8mm clamps results in a 16mm reduction of exposure size. Use of the 12m 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 (25 9/16" x 21 5/8").

*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 When outputting 4000 dpi, confirm output quality before use.

*6 35 14/32" x 30 11/32" (900 x 770) or larger 16-gauge plate

*7 6, 8 & 12-gauge only
75 plates for 16-gauge



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Green Policy

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.