JAVELIN 8800E	an entry-level thermal platesetter where price over productivity is more important.
JAVELIN 8800S	a faster, more productive on-site upgrade from the E model.
JAVELIN 8800Z	even faster with on-site upgrade from the S model.
JAVELIN 8800ZX	the fastest platesetter in its class.

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Javelin 8800E/S/Z/ZX

Luxel T-9800 CTP

EXTERNAL DRUM

thermal platesetters featuring quality and consistency.

The Javelin 8800E/S/Z/ZX thermal platesetter series is the flagship of Fujifilm's 8-up CTP devices. It supports a wide range of plates formats and types, from 2-page plates up to 8-page plate sizes.

The Javelin 8800 Series features a next-generation Grating Light Valve™ (GLV) thermal imaging technology with a 512-channel or 1024-channel exposure head. Aimed at companies requiring high throughput at superior levels of image quality and consistency, the Javelin 8800ZX can image at an impressive rate of 51 plates per hour.

For companies that require a lower price point, the Javelin 8800E images at 24 plates per hour, the Javelin 8800S images at 32 plates per hour, or the Javelin 8800Z images at 42 plates per hour. To ensure that a Javelin 8800 investment is protected for years of production, both the E and S models can be upgraded in the field to 32 and 42 plates per hour, respectively.

Javelin 8800E/S/Z/ZX Features:

- **GLV™ Imaging Technology**
- **Large 37" x 45 21/32" 8-up format**
- **Automatic drum balancing enables recording of different plate sizes with no manual adjustments**
- **Up to four resolution levels, from 1200 dpi to 2540 dpi, to fit a wide variety of jobs**
- **Optional 4000dpi (E, S or Z only)**
- **Co-Res Screening option up to 300 lpi**
- **Unique two-tray system for semi-automatic plate loading and unloading**
- **Optional punch block configurations for a variety of plate sizes and press configurations**
- **Compact design**
- **Automatic plate loading and unloading options**

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COMPUTER-TO-PLATE PRINTING USING GLV

Grating Light Valve™ (GLV) is a remarkable optical micro-electromechanical system. Because of their efficiency and versatility, GLV modules have been developed for high-definition television monitors, electronic cinema projectors, commercial flight simulator displays, and computer-to-plate devices.

When used for digital imaging, GLV technology provides a fast and ultra-precise method of transferring digital images directly onto a printing plate. GLV-based laser diode exposure heads feature 512 channels (E,S or Z) or 1024 channels (ZX) of imaging laser that exposes plates in a wide swath. The imaging width of these exposure heads broadens the area that can be imaged with a single turn of the platesetter drum at low drum rotation speed.

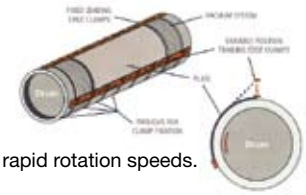
PERFECT UPGRADE ENVIRONMENT

The Javelin's output can be upgraded at the user facility to meet your expanding production requirements. Using the same base engine, you can upgrade from an entry-level manual machine to a high-productivity, fully automated model by simply replacing certain key parts in the field.

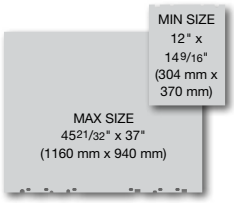
Javelin 8800E/S/Z/ZX

Luxel T-9800 CTP

ADVANCED CLAMPING SYSTEM IS THE SECRET TO JAVELIN'S SPEED



An advanced, automated, light-weight clamping, and vacuum system is the secret of Javelin's superior speed and productivity. This system keeps plates fully secure even at its rapid rotation speeds.



AUTO-BALANCE TO FIT DIFFERENT PLATE SIZES

Javelin is the right solution for outputting a range of plate sizes from GTO-size all the way up to a full 8-up format. It also handles plates as thin as 0.15 mm (6-gauge) and as thick as 0.3 mm (12-gauge). If you want the ability to output all your plate sizes from a single unit, Javelin is the thermal platesetter you need.

AUTOMATIC INTERNAL PUNCH

Javelin offers an optional, industry-leading automatic in-line punching system enabling perfect registration on press. It achieves this by performing the two types of punching (for both press and platesetter registrations) at the same time, immediately before mounting the plate on the drum. This method gives much greater registration accuracy compared with either manual or off-line punching, eliminates human error, and achieves faster press makeready. Up to 10 punch blocks can be mounted and selected according to plate size and press type.

AUTOMATIC LOADING AND UNLOADING OPTIONS

The Javelin 8800E/S/Z/ZX can be configured for fully automatic and continuous operation with the optional SAL single cassette autoloader or the MAL multi-cassette autoloader. The SAL can hold up to 100 plates and automatically removes the interleaf paper. The MAL is attached as an extension to the SAL and comes standard with three cassettes. An additional two cassettes can be added, making it possible for a staggering 500 plates of five different sizes to be imaged without operator intervention.

Note: The minimum standard plate size for the SAL and MAL is 14 9/16" x 17 11/16" (370 mm x 450 mm). The SPK Kit for the SAL and MAL is a chargeable option.

SPECIFICATIONS:

JAVELIN 8800E/S/Z/ZX

RECORDING SYSTEM
- External drum

REPEATABILITY
- ±5 microns*

PLATE SIZE*1
- Minimum: 12" x 14 9/16" (304 mm x 370 mm)
- Maximum: 45 21/32" x 37" (1160 mm x 940 mm)

PLATE ORIENTATION
- Landscape

MEDIA
- Thermal (830nm infrared sensitive) plates

MEDIA THICKNESS
- 6 to 12 gauge (0.15 to 0.3 mm)

INTERFACE
- S-PIF / F-PIF

AUTOLOADERS*2

SAL
- 100 plate capacity

MAL
- 100 plate capacity per cassette
- 3 cassettes standard 5 cassettes maximum

OPTIONS
- Punching – Heidelberg, Komori, and others
- 4000dpi*3, 4, 5
- 16 Gauge support*4
- S upgrade
- Z upgrade
- Registration punch *1
- Feed table
- Built-in bridge
- 8800 in-line conveyer
- 8800 SAL single cassette autoloader
- 8800 MAL multi-cassette autoloader

ENVIRONMENT
- Recommended: 73.4˚F ± 3.6˚F
- 50% to 70% relative humidity (non-condensing)

DIMENSIONS
- Main unit: 96" W x 51" D x 51" H (engine only)

RESOLUTIONS
- 1200 dpi
- 2400 dpi
- 2438 dpi
- 2540 dpi
- 4000 dpi (optional *3, 4, 5)

LIGHT SOURCE
- 512 channel imaging head 50W LD (E, S, Z)
- 1024 channel imaging head 60W (ZX)

IMAGING TIMES @2400 dpi
40.5" x 31.5" (LH-PJ)
- E - 24pph
- S - 32pph
- Z - 42pph
- ZX - 51pph

EXPOSURE SIZE
- Across the drum – Same as plate size
- Around the drum – Plate size less 14 mm (Javelin 8800 utilizes 6 mm head and 8mm tail clamps)

MEDIA THICKNESS
- Optional 16-gauge support is only available for plate sizes 40 1/2" x 30" or larger. Only semi-automatic plate loading is available for 16-gauge plates.

CHILLER UNIT
- Javelin 8800E/S/Z/ZX ships with an external chiller unit for the imaging head.

* 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 23 7/32" and 24" (590mm x 610mm).

*2 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).

*3 Fine mode must be used when imaging 4000dpi.

*4 Factory installed option only.

*5 E, S and Z only. ZX does not support 4000dpi.

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.

FUJIFILM group Green Policy

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