

JAVELIN HD 8900-E	an entry-level thermal platesetter where price over productivity is more important.
JAVELIN HD 8900-S	a faster, more productive on-site upgrade from the E model.
JAVELIN HD 8900-Z	even faster with on-site upgrade from the S model.



Javelin HD 8900-E/S/Z

Luxe! T-9800 CTP

EXTERNAL DRUM
*thermal platesetters featuring
 quality and consistency.*

The Javelin HD 8900-E/S/Z thermal platesetter series is the flagship of Fujifilm's 8-up CTP devices. It supports a wide range of plate formats and types, from 2-page plates up to 8-page plate sizes.

The Javelin HD 8900 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 HD 8900-Z can image at an impressive rate of 60 plates per hour.

For companies that require a lower price point, the Javelin HD 8900-E images at 33 plates per hour and the Javelin HD 8900-S images at 43 plates per hour. To ensure that a Javelin HD 8900 investment is protected for years of production, both the E and S models can be upgraded in the field to 43 and 60 plates per hour, respectively.

Javelin HD 8900-E/S/Z Key Features:

Imaging System

- GLV™ Imaging Technology
- Up to 60 plates per hour

Fujifilm Plates and Screening Technologies

- Ideal solution with LH-PJ thermal plates
- Co-Res and TAFFETTA screening options are available

Automatic calibration every 16 plates

- Guarantees exposure and plate calibration never drift

Automation options

- Manual to fully automatic options plus, two loading slots for increased automation
- Improved production with the ability to load cassettes during exposure
- Cassettes raise to 28" for a more ergonomically correct solution

On-line press punching options

- Reduces manual labor errors and provides faster make-readies

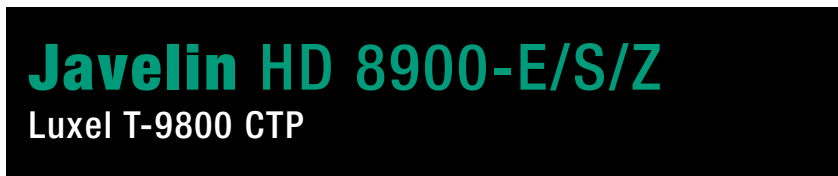
COMPUTER-TO-PLATE PRINTING USING GLV

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 1024 channels (Z) 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.

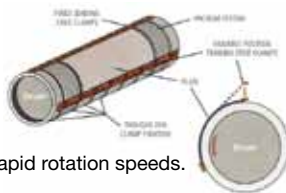
PERFECT UPGRADE ENVIRONMENT

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.



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 Duplicator-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.

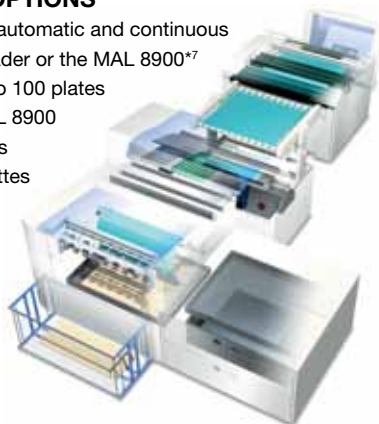
AUTOMATIC INTERNAL PUNCH

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 12 punch blocks can be mounted and selected according to plate size and press type.



AUTOMATIC LOADING AND UNLOADING OPTIONS

The Javelin HD 8900-E/S/Z can be configured for fully automatic and continuous operation with the optional SAL single cassette autoloader or the MAL 8900*7 multi-cassette autoloader. The SAL 8900 can hold up to 100 plates and automatically removes the interleaf paper. The MAL 8900 is attached as an extension to the SAL 8900 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 12" x 12.1" (304 mm x 305 mm).

SPECIFICATIONS:

JAVELIN HD 8900-E/S/Z

RECORDING SYSTEM

- External drum

REPEATABILITY

- ±5 microns*

PLATE SIZE*1

- Minimum: 12" x 12.1" (304 mm x 305 mm)
- Maximum: 45.8" x 37.4" (1165 mm x 950 mm)

PLATE ORIENTATION

- Landscape

MEDIA

- Thermal (830nm infrared sensitive) plates
- Supports Ecomaxx-T

MEDIA THICKNESS

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

INTERFACE

- S-PIF

AUTOLOADERS*2

SAL 8900

- 100 plate capacity*7

MAL 8900*7

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

OPTIONS

- Punching – Heidelberg, Komori, and others
- 4000dpi*3, 4, 5
- 16 Gauge support* 4, 6
- S upgrade
- Z upgrade
- Registration punch* 1
- Feed table - Required if no SAL or MAL
- Built-in bridge
- 8900 in-line conveyer
- 8900N SAL single cassette autoloader
- 8900N MAL multi-cassette autoloader

ENVIRONMENT

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

DIMENSIONS

- Main unit: 104"W x 58.1"D x 54.9"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)
- 1024 channel imaging head 60W (Z)

IMAGING TIMES @2400 dpi

- 40.5" x 31.5" (LH-PJ)
- E - 33pph
- S - 43pph
- Z - 60pph

EXPOSURE SIZE

- Across the drum – Same as plate size
- Around the drum – Plate size less 12 mm (Javelin HD 8900 utilizes 6 mm head and 6mm tail clamps)

CHILLER UNIT

- Javelin HD 8900 E/S/Z 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 12" x 12.1" (304 x 305).

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

*4 Factory installed option only.

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

*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

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.



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