FUJIFILM

Saber Vx-9600

Saber Luxel Vx-9600 CTP

RELIABILITY AND QUALITY
and unrivaled productivity with a two-laser option.

You might not need the high level of throughput capability of a dual-laser Saber to start with, but the good news is you can still buy into the Fujifilm Saber violet performance, reliability and quality now with a single-laser version.

In single-laser mode, Saber platesetters offer a competitive 19, 8-page plates per hour at 2400 dpi, ideal for those converting from film-based production or starting up with CTP.

When you need more throughput, instead of repeating the entire platesetter research, testing, purchase and installation process, you just add a second laser to nearly double productivity – up to 32, 8-page plates per hour at 2400 dpi. Start it back up and everything remains the same – except of course, for the additional throughput.

Saber Vx-9600 Features:

- **Extremely productive internal drum platesetters – 32, 8-up plates an hour (dual-laser, 2438 dpi)**
- **Landscaped and portrait plate loading for maximum printing press support**
- **Dual-laser models provide redundancy if one laser fails**
- **Violet imaging for ease-of-plate handling and lower cost of ownership**
- **Eight multiple resolutions supported from 1200 to 3657 dpi**
- **Manual, semi-automatic and fully-automatic plate loading options**
- **Co-Res Screening for Violet option up to 250 lpi**

An overview of the fully-automatic Saber Vx-9600 workflow.

MULTI AUTOLOADER

IMAGING SYSTEM

②

PLATE IMAGES AUTOMATICALLY

Thanks to Fujifilm's award winning multi-laser technology, Saber Vx-9600 can produce up to 32 plates/hr @2400 dpi.

2000 GATF Intertech Technology Award

BRIDGE

③

PRESS-READY PLATE

The fully-automatic Saber Vx-9600 loads, exposes and unloads plates that are ready for press.

PROCESSOR

①

RIPPED JOB TRANSFERS

across Ultra Wide SCSI interface. Saber is supported by the Fujifilm Celebrant RIP, Output Director and Rampage RIP.

PLATE STACKER

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FUJIFILM BRILLIA LP-NV PHOTOPOLYMER PLATES

Because this new generation of violet lasers is more powerful, it is now possible to image on photopolymer plates, avoiding the heavy processor maintenance schedule, chemistry costs and disposal/environmental issues associated with silver halide plates.

SABER Vx-9600 FULLY AUTOMATIC SAL

- Single on-line cassette
- Automatic plate loading
- Auto interleaf removal
- Supports up to 5 cassettes
  (one cassette standard)
- Automatic cassette identification
- Up to 100 plates per cassette
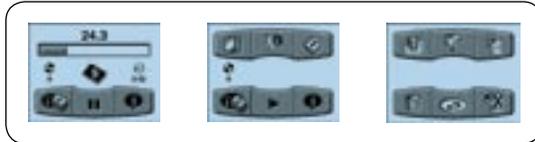
Saber's touch-screen control panel is remarkably intuitive and easy to use, yet it allows access to every function. Current status is clearly indicated and plate availability, imaging time, jobs queued, and a wealth of other useful information can be accessed instantly from the touch-screen.

EASY TO MAINTAIN

A guiding principle in the design of all Fujifilm products is simplicity. Our manufacturing standards are the highest to ensure that Saber violet platesetters keep working reliably and predictably, plate after plate.

By designing down the number of parts, there is less to go wrong. Sub-assemblies are positioned for easy access, either by the operator or by Fujifilm engineers.

The plate path through Saber Vx-9600 is kept clean and dust-free to ensure spotless plates. Interleaf sheets and punch waste fall into hoppers below the plate path, which slide out for easy removal when required.

LOADING THE SABER Vx-9600 – FULLY AUTOMATIC

A special trolley is supplied that tilts to allow plate cassettes to be loaded easily in a bright safelight environment. The cassette can then be moved to the access door of the Saber plate feeder where a gentle push is all that is required to insert it into the cassette stack. A light confirms correct docking.

MANUAL AND SEMI AUTOMATIC

For manual loading (manual and semi-automatic versions only) the novel front-loading design allows any size of plate compatible with the platesetter to be loaded in less than 5 seconds. This minimizes the unit's footprint, but doesn't compromise its productivity – provided you can feed the plates fast enough.

ONE LASER OR TWO?

Saber violet platesetters use 30mw violet lasers at 405 nm wavelength. In conjunction with Fujifilm's Brillia LP-NV plates, this provides rapid and precise imaging, even in the single-laser version of the platesetters.
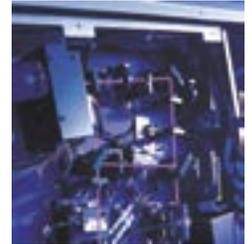
When greater productivity is required, a second laser can be added. The on-site upgrade to a dual-laser configuration results in near doubling of plate output, outperforming all other 8-page platesetters.

MAXIMUM PLATE SIZE: $45\,21/32"$ x $37\,25/32"$

SABER Vx-9600 SUPPORTS PORTRAIT PLATE LOADING $11"$ x $15\,25/32"$ (SPO OPTION)
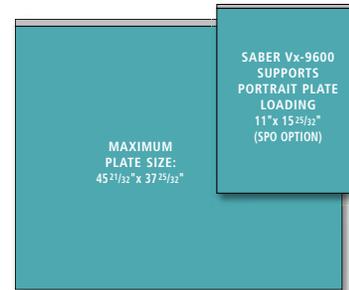
THE LARGEST FORMAT SIZE

Saber Vx-9600 offers one of the largest and smallest imaging formats available for an 8-page platesetter at $45\,21/32"$ x $37\,25/32"$ in a 12-gauge plate, and $11"$ x $15\,23/32"$ in a 6- and 8-gauge plate (SPO option).

For the majority of web presses, imaging portrait plates is essential. Saber Vx-9600 supports a wide variety of portrait plate sizes from 6-gauge to 12-gauge. Where imaging very close to the edge of the plate is required for many web press setbacks, the Saber Vx-9600 can image within 6mm of the lead edge of the plate. Saber Vx-9600 also features a three-point registration system that provides superior registration.

SABER CONFIGURATIONS

Saber Vx-9600 offers two fully-automatic options, supporting up to 300 plates (MAL) in a database-driven cassette loader. Different size plates can be loaded in each cassette while intelligent software keeps track of what's where and loads the correct cassette for each job, making it possible to leave the unit running unattended overnight.
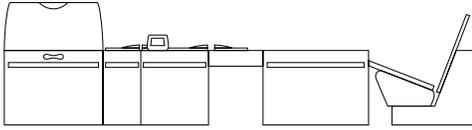
FULLY-AUTOMATIC MAL
- Multiple on-line cassettes (three standard)
- Automatic plate loading with support for 5 cassettes
- Automatic interleaf removal
- Single or dual laser imaging
- Automatic processing
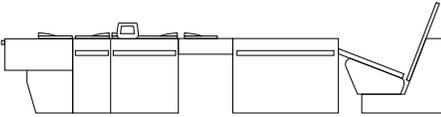
FULLY-AUTOMATIC SAL
- Single on-line cassette
- Automatic plate loading with support for 5 cassettes
- Automatic interleaf removal
- Single or dual laser imaging
- Automatic processing

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Saber Vx-9600 offers manual and semi-automatic models (manual input with automatic output to online processor). Both units feature an innovative new front loading plate input design and may be upgraded on site from manual, to semi-automatic, to fully-automatic, allowing their plate-handling capabilities to keep pace with their productivity.
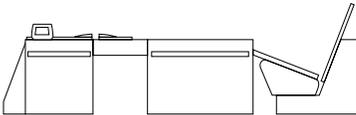
SEMI-AUTOMATIC
- Manual plate staging
- Automatic plate feed
- Single- or dual-laser imaging
- Automatic processing

MANUAL
- Manual plate staging
- Automatic plate feed
- Single- or dual-laser imaging
- Manual plate removal

FAST PLATE HANDLING

In fully-automatic mode, the Saber Vx-9600 can image up to 300 plates (MAL) before they need reloading. Plates are drawn into the loading section where interleaf sheets are removed and discarded into a hopper below. The transport mechanism is self-cleaning to ensure that stray particles such as plate burrs do not contaminate the imaging surface. The plate handling section is also kept free of airborne particles by an integrated particle management system.

Plates are drawn onto the surface of the internal imaging drum, locked in place, and held firmly in place under vacuum. After imaging, plates are ejected and transported to the integrated, high-speed online processor.

SABER Vx-9600 MANUAL AND SEMI ONLY WITH SPO (SMALL PLATE OPTION)

Gauge	Max/Min	Saber Vx-9600 (mm)	Saber Vx-9600 (in.)
12	Maximum	1160 X 960	$45^{21}/_{32}$" x $37^{25}/_{32}$"
6, 8	Minimum	279 X 400	11" x $15^{23}/_{32}$"
12	Minimum	450 x 500	$17^{11}/_{16}$" x $19^{21}/_{32}$"

Note: Plate widths between $18^{3}/_{32}$" x $18^{31}/_{32}$" (460mm x 482mm) cannot be used with this option.
Configurations
- Manual and Semiautomatic only
- Factory fitted only, no field upgrade

SPECIFICATIONS:

SABER Vx-9600

MULTIPLE MEDIA SUPPLY
Fully Automatic Configurations:
- Up to five cassettes on-line (MAL)
- Up to 60 plates per cassette (MAL)
- Up to 100 plates per cassette (SAL)
- Auto cassette identification
- Auto interleaf removal

Semi-Automatic/Manual Configuration:
- Single plate feed
- No interleaf removal
- SPO (optional)

IMAGING
- Patented, upgradeable multi-laser technology
- High speed spinner control
- 30mw Violet laser @ 405 nm

RESOLUTIONS
- 1200
- 1219
- 1270*
- 1800
- 1828
- 2400
- 2438
- 2540
- 3657

USER INTERFACE
- Intuitive, easy-to-use touch screen controls

RIP/WORKFLOW SUPPORT
- Choice of RIPs
- Celebrant Gateway
- Rampage
- Output Director

RIP- RECORDER INTERFACE
- Ultra Wide SCSI Processor
- Integrated high-speed processor

MEDIA TYPE
- Fujifilm Brillia LP-NV photopolymer Violet aluminum plate
- 0.15mm to 0.3mm thick

ENVIRONMENT
Optimum operating range:
- Temperature: 69° F – 77° F
- Humidity: 55% ± 5% non condensing

IMAGE QUALITY
- Class leading image quality
- Fujifilm Quality Screening
- 50 to 200 lpi screen rulings
- Adobe Accurate Screening
- Fujifilm Co-Res Screening for Violet

WLECTRICAL REQUIREMENTS
- 220/240VAC 50/60Hz single phase
- 16 Amps
- Heat output – 9500 BTU/hour

DIMENSIONS
Fully-Automatic Configuration (including processor, excluding plate stacker)
- Height: 71"
- Width: 80.8"
- Length: 223"

Semi-Automatic Configuration (including processor, excluding plate stacker)
- Height: 46"
- Width: 80.8"
- Length: 150"

Manual Configuration (excluding processor)
- Height: 46"
- Width: 80.8"
- Length: 61.4"

*Vx-9600 SAL and MAL only

SABER Vx-9600 PLATE PRODUCTIVITY

Resolution DPI	8-up Plates per Hour	
	1-Laser	2-Laser
1200	28	43
1219	28	43
1800	24	38
1828	24	38
2400	19	32
2438	19	32
2540	18	31
3657	13	24

Gauge	Max/Min	Saber Vx-9600 (mm)	Saber Vx-9600 (in.)
LANDSCAPE			
6	Maximum	600 x 500	$23^{19}/_{32}$" x $19^{21}/_{32}$"
6	Minimum	500 x 400	$19^{21}/_{32}$" x $15^{3}/_{4}$"
8	Maximum	1050 x 800	$41^{5}/_{16}$" x $31^{15}/_{32}$"
8	Minimum	500 x 400	$19^{21}/_{32}$" x $15^{3}/_{4}$"
12	Maximum	1160 x 960	$45^{21}/_{32}$" x $37^{25}/_{32}$"
12	Minimum	500 x 400	$19^{21}/_{32}$" x $15^{3}/_{4}$"
PORTRAIT			
6	Maximum	600 x 600	$23^{19}/_{32}$" x $23^{19}/_{32}$"
6	Minimum	500 x 500	$19^{21}/_{32}$" x $19^{21}/_{32}$"
8	Maximum	800 x 940	$31^{15}/_{32}$" x 37"
8	Minimum	500 x 500	$19^{21}/_{32}$" x $19^{21}/_{32}$"
12	Maximum	940 x 940	37" x 37"
12	Minimum	500 x 500	$19^{21}/_{32}$" x $19^{21}/_{32}$"

Note: Lead edge or plate width is shown first, where width is defined as the slow scan direction, or along the drum, and height is the fast scan direction, or around the drum.

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