Specifications

Model	V-6e	V-6 manual and semi-automatic	V-6 SAL (single cassette autoloader)	V-6 MAL (multi cassette autoloader)
Imaging	Patented violet laser technology/ high speed spinner control/ laser @ 405 nm			
Media supply	Manual, single plate feed	Single plate feed, no interleaf removal	Single cassette autoloader, optional plate loading slot, auto interleaf removal cassette capacity 60 x 0.3mm / 120 x 0.15mm	Automatic plate feed, three cassettes online, auto interleaf removal, cassette capacity 100 x 0.3mm / 150 x 0.15mm
Media type	FUJIFILM Brillia LP-NV, HD LP-NV2 and HD PRO-V (violet-sensitive photopolymer aluminium plates)			
Plate thickness	0.15, 0.20, 0.24, 0.30 mm			
Maximum plate size	[0.15 mm plate] 525 x 459 mm [0.20 mm plate] 765 x 686 mm [0.24 mm plate] 765 x 686 mm [0.30 mm plate] 765 x 686 mm			
Minimum plate size	[0.15 mm plate] 350 x 350 mm [0.20 mm plate] 350 x 350 mm [0.24 mm plate] 410 x 350 mm [0.30 mm plate] 410 x 350 mm small plate option: 279 x 381 mm portrait, 320 x 290 mm landscape (excludes optional plate loading slot on V-6 SAL)			
Maximum/minimum image area	Maximum/minimum plate size -4 mm			
Productivity (plates per hour)	10 pph @ 2400 dpi 12 pph @ 1200 dpi	24 pph @ 2400 dpi 37 pph @ 1200 dpi		
User interface	PC-based, intuitive support interface			
Recorder interface	Firewire IEEE 1394			
Plate handling upgrades and punching options	Manual to semi-automatic; manual to fully automatic; semi- to fully automatic	Semi to SAL to MAL Industry standard or custom internal punch	SAL to MAL Industry standard or custom internal punch Extra cassette/trolley	Industry standard or custom internal punch Extra cassette(s) Tilt trolley
Resolution options	1200, 1219, 1270, 2400, 2438, 2540, 3600, 3657 dpi. Two standard resolutions supplied with engine, others field upgradable. High Definition (HD) option (not V-6e).			
Screening options	FUJIFILM TAFFETA FM Screening, Co-Res Screening			
Connectivity	Celebrant Gateway (connects to third party workflows) / Celebrant Suite / Rampage / Fuji Open Workflow / FUJIFILM Workflow XMF			
Environment	Optimum operating range: temperature 18 – 29°C, humidity 20 – 70% non-condensing			
Power requirements	200–240±10% VAC 47–63 Hz single phase 16 A			
Weight (excluding processor)	700 kg	800 kg	1100 kg	1550 kg
Footprint (maximum, including media loading, processor and stacker access*)	Manual: 2070 x 1580 mm Semi: 5306 x1580 mm	6265 x 2625 mm	7300 x 2625 mm	8625 x 2625 mm

*A further 1050 mm on the shorter axis is required for access to engine

Please contact your local FUJIFILM partner for further information.

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FUJIFILM Luxel V-6

Flexible, cost-effective high quality B2 violet platesetter

- Violet technology for reliability and low cost of ownership
- Productivity up to 24 plates per hour at 2400 dpi
- High Definition option for maximum quality
- Manual, semi-auto and fully auto single- and multi-cassette options
- Suitable for low-chemistry working with FUJIFILM Brillia HD PRO-V

Quality, productivity and reliability

Violet platesetters from FUJIFILM have an established track record for reliability, quality, productivity and low cost of ownership, coupled with a wide range of flexible automation options to suit prepress production requirements on any scale. Used in conjunction with FUJIFILM Brillia HD violet plates, they not only offer extended run lengths and UV ink capability, but now also offer a low-chemistry option for a more cost-effective and environmentally-friendly way of working.

The Luxel V-6 offers a range of automation, quality and productivity options with field-installable upgrades as and when you need them, from the highly cost-effective Luxel V-6e to the fully automatic Luxel V-6 MAL configuration with multi-cassette autoloader and online processor. In addition, a High Definition option with the V-6 brings 1-99% dot capability at 200 lpi and improved FM screening when used with Brillia HD LP-NV2 or Brillia HD PRO-V plates.

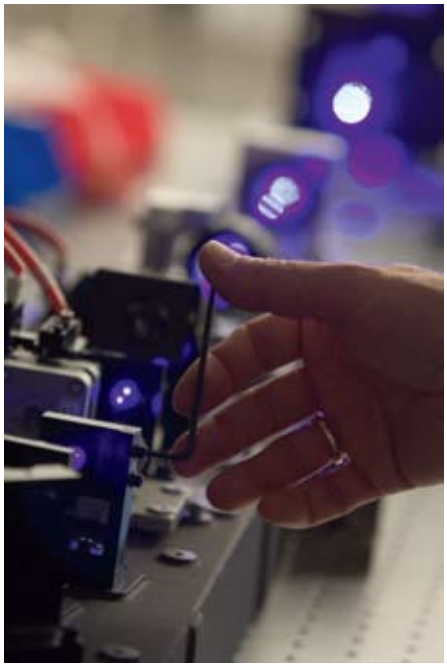
Low cost of ownership

FUJIFILM's violet platesetters use highly reliable laser diodes that have an imaging life expectancy of 5000 hours, which is equivalent to five years' typical use. They come with all the advantages of FUJIFILM violet laser replacement, maintenance and warranty options so you don't have to budget for unforeseen expenditure or interruption to production.

Performance

The Luxel V-6 lets you choose the level of output productivity to match your needs. The entry-level V-6e is capable of 10 plates per hour at 2400 dpi (12 plates per hour at 1200 dpi), with upgrade options to increase this to 15 or 24 (18 and 25 at 1200 dpi respectively). The other models all offer 24 plates per hour at 2400 dpi (37 at 1200 dpi) – that's a complete set of B2 plates every 10 minutes.

Fine-tuning of the violet laser beam profile gives the Luxel V-6 its outstanding hard dot characteristic for ultimate quality imaging (right). Precision engineering and alignment of the laser optics is the other half of the story (below).



Automation

Again, the V-6 adapts to your needs. Starting with a manual model you can add an online processor and a choice of single or multiple input cassettes for automatic feeding and full daylight working. There are also industry standard or custom punch options for producing completely press-ready plates.

Low-chemistry CTP

As well as producing outstanding results with FUJIFILM Brillia processed plates, Luxel V-6 and V-6e models are all compatible with Brillia HD PRO-V, FUJIFILM's low-chemistry violet plate. The combination of the Luxel V-6 HD and Brillia HD PRO-V results in the best low-chemistry CTP solution on the market, with no compromise in either quality or productivity, able to print 1–99% at 200 lpi (and FM compatible) at run lengths of up to 200,000 impressions and capable of working with UV inks without baking.

Superior screening technologies

To enhance the image quality delivered by the Luxel V-6, FUJIFILM offers two advanced screening technologies: Co-Res AM screening and TAFFETA FM screening. FUJIFILM Co-Res Screening enables printing at high screen rulings using low platesetter output resolutions, while FUJIFILM TAFFETA second-generation FM screening offers all the benefits of FM while reducing the unevenness and graininess of other FM screening technologies.