

FFBI

Creative Imaging
Technology



alinte 8 range

manual / semi / fully automatic

www.ffei.co.uk

alinte 8 range



alinte 8e+

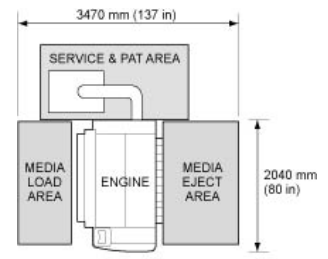
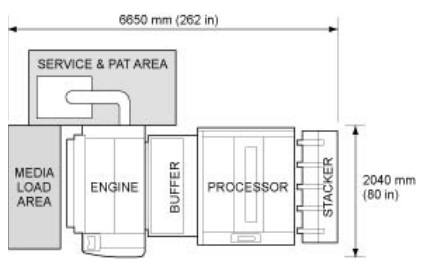
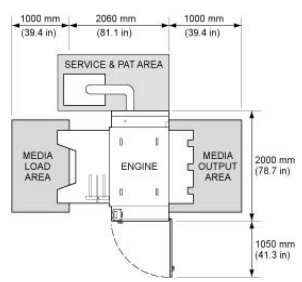
Our entry-level CTP is an affordable route to 8 page production, offering high quality imaging and robust build. The single laser, internal drum device supports a wide variety of plate sizes.

- Base model 20 x 8 page plates per hour at 1200 dpi
- Base model 14 x 8 page plates per hour at 2400 dpi
- Semi-Automatic option
- High productivity option
- Manual plate feed
- AM screening up to 200 lpi
- 6 resolutions up to 2540 dpi
- Handles a variety of plates sizes and thickness
- Compatible with a small processor if plate size allows
- Compatible with low chemistry and chemistry free violet technology

alinte 8 Manual and Semi-Automatic

In semi-automatic configuration, increased automation results from an online processor attached to the CTP. The manual permits separate, offline plate processing. Both models offer assisted manual load and are specifically designed to be flexible, as demand increases they can be easily upgraded to meet business needs.

- Up to 55 x 8 page plates per hour at 1200 dpi
- Up to 37 x 8 page plates per hour at 2400 dpi
- Assisted manual plate feed
- Industry standard or custom punch options
- Fully upgradeable from manual through to MAL automatic configuration
- 9 resolutions up to 3657 dpi
- Handles a variety of plates sizes and thickness
- Compatible with low chemistry and chemistry free violet technology
- Rapid restart feature
- Supports FM Screening



(Diagram shows manual configuration)

About FFEI

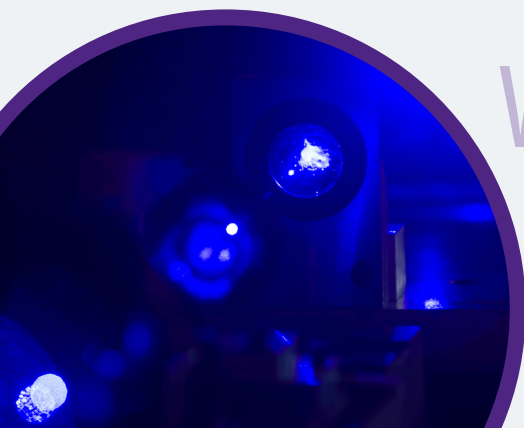
FFEI is dedicated to developing technologies that make a difference in daily lives. Whether it's enhancing individual expression in print or making the news more immediate our company's digital imaging expertise has a focus on lifestyle improvement.

As a former Fujifilm business unit, we are built on firm foundations. By continuing to employ the highest calibre technology, best-in-class partners and well trained personnel, we combine the infrastructure of a blue-chip company with the flexibility and creativity of a start-up. This unique culture results in the ability to rapidly expand our range of products to meet today's needs and tomorrow's challenges.



Why violet?

The laser pen in an FFEI violet CTP boasts a life of over 5000 imaging hours – five years of typical commercial use – giving large cost savings compared to the multiple laser arrays or laser bars used in thermal devices. These savings are not only on initial purchase prices, but long-term servicing, laser replacement and daily running costs are dramatically reduced too.





alinte 8 MAL

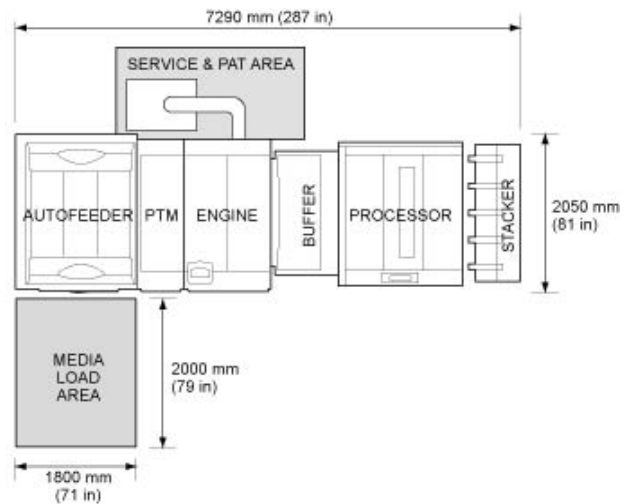
The fully automatic multi cassette autoloader (MAL) is ideal for customers that need unattended operation combined with high quality and reliability. With a five cassette autoloader, the MAL is capable of holding 500 plates. Different sizes of plates can be loaded in each cassette and intelligent software keeps track of what plate is needed for which job, automatically loading the correct cassette.

- Up to 55 x 8 page plates per hour at 1200 dpi
- Up to 37 x 8 page plates per hour at 2400 dpi
- Extra large imaging area
- Industry standard or custom punch options
- Automatic plate loading with up to 500 plates online
- 9 resolutions up to 3657 dpi
- Compatible with low chemistry and chemistry free violet technology
- Rapid restart feature
- Supports FM Screening

alinte 8 High Speed

With the HS option our MAL becomes the fastest 8 page CTP on the market.

- Up to 70 x 8 plates per hour at 1200 dpi
- Up to 50 x 8 plates per hour at 2400 dpi
- Four-colour B1 set in less than 4 minutes at 1200 dpi
- Rapid restart feature
- Industry standard or custom punch options



Quality & production

Our internal drum platesetters utilise a plate edge detect system to accurately identify the edge using a laser beam, ensuring precise plate to plate registration. The imaging laser beam reaches the plate via a patented optical system and a spinning mirror places the image dots with an accuracy measured in microns.

Production of quality imaging systems using market-leading technologies is of the utmost importance. Managing the production of CTP equipment from the ground up, our award-winning, environmentally controlled factory contains laser, optical and final product assembly.

Innovation is a core strength at FFEI. New products are not released until they meet our stringent quality control measures, so customers are assured of tested and reliable products.

FFEI has been awarded the internationally recognised environmental and quality standards, ISO 14001 and ISO 9001:2008 in recognition of the company's ongoing commitment to running an efficient, environmentally friendly operation, and to providing its customers with high quality, marketing leading design and manufacturing capabilities.



alinte8 range Technical Specification

Imaging	Patented violet laser technology / Laser wave length 405 nm 1-99% dot reproduction*			
Media supply	alinte 8 MAL: Fully automatic, up to 5 cassettes online, up to 100 plates per cassette*, auto cassette identification, auto interleaf removal alinte 8 Semi-Automatic and Manual: Single assisted plate feed alinte 8e+: Manual plate feed			
Media type	Compatible with all major violet plate manufacturers			
Plate Thickness	0.15 mm	0.20 mm	0.24 mm	0.30 mm
	With punch ***			
Maximum plate size	600 x 500 mm	1050 x 800 mm	1160 x 960 mm	1160 x 960 mm
Minimum plate size	500 x 400 mm	500 x 400 mm	500 x 400 mm	500 x 400 mm
	Landscape without punch ***			
Maximum plate size	600 x 500 mm	1050 x 800 mm	1162 x 960 mm	1162 x 960 mm
Minimum plate size	500 x 400 mm	500 x 400 mm	500 x 400 mm	500 x 400 mm
	Portrait without punch ***			
Maximum plate size	600 x 600 mm	800 x 940 mm	940 x 940 mm	940 x 940 mm
Minimum plate size	500 x 500 mm	500 x 500 mm	500 x 500 mm	500 x 500 mm
	alinte 8e+			
Maximum plate size	600 x 500 mm	1070 x 850 mm	1070 x 850 mm	1070 x 850 mm
Minimum plate size	500 x 400 mm	500 x 400 mm	500 x 400 mm	500 x 400 mm
Small plate option	300 x 400 mm	300 x 400 mm	300 x 400 mm	300 x 400 mm
Max image area	Punch plate size -4 mm (H) / -27 mm (V) Non-punch plate size -4 mm			
Productivity (pph) 1 & 2 laser Alinte 8 Manual & Semi-Automatic to MAL	1 laser with punch 35 pph @1200 dpi 20 pph @2400 dpi	1 laser without punch 36 pph @1200 dpi 21 pph @2400 dpi	2 lasers with punch 50 pph @1200 dpi 34 pph @2400 dpi	2 lasers without punch 55 pph @1200 dpi 37 pph @2400 dpi
Productivity (pph) 2 laser alinte 8 High Speed (HS)	With punch 65 pph @1200 dpi 45 pph @2400 dpi		Without punch 70 pph @1200 dpi 50 pph @2400 dpi	
Productivity (pph) 1 laser alinte 8e+	Standard 20 pph @1200 dpi 14 pph @2400 dpi		Speed Upgrade 33 pph @1200 dpi 19 pph @2400 dpi	
Resolutions	alinte 8e+: 1200 / 1219 / 1270 / 2400 / 2438 / 2540 alinte 8 : 1200 / 1219 / 1270 / 1800 / 1828 / 2400 / 2438 / 2540 / 3657 alinte 8 HS: 1200 / 1219 / 1270 / 1800 / 2400 / 2540			
User interface	Icon-driven, intuitive MMI (Man Machine Interface)			
Recorder interface	Ethernet (Expect for alinte 8 HS)			
Options/upgrades	Upgrade productivity from manual through to MAL 1 laser to 2 laser *** Industry standard or custom internal punch on manual to MAL ***			
Connectivity/RIP support	RealPro Workflow or Alinte Tiff Catcher			
Environment**	Equipment: Operating range, Temperature: 18 - 29°C Humidity: 20 - 70% non condensing Media: For optimum operating range please refer to the media manufacturer's technical data			
Power requirements	230 +/- 10% VAC 50/60 Hz single phase 10 A			
Weight	alinte 8 MAL: 2924 kg (6448 lbs) alinte 8 Semi-automatic: 1020 kg (2249 lbs) alinte 8 Manual: 850 kg (1870 lbs) alinte 8e+: 959 kg (2114 lbs)			

* Plate dependent

** For further information please refer to the equipment documentation

*** Excludes 8e+



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