

Vio[⚡]tar

VIOLET PHOTOPOLYMER PLATESETTERS

FROM

FFEI

TechNova VioStar Platesetters

The benefits of using VioStar in your workflow are compelling. Its quality and speed of output let you produce plates to meet the ever increasing demands of today's print shop. VioStar's simple and clever design, with remote diagnostics, ensures an extremely high level of reliability with minimum downtime. This will put you ahead of your competition in the quest to satisfy your customers' high expectations.

VioStar FV4 is our 4 page CtP system that allows the level of automation and productivity to be tailored, even after initial investment, with field upgradable options. It is possible to have reliability, repeatability and accuracy all in one affordable solution.

- Base model 14 x 4 page plates per hour at 1200 dpi
- Base model 10 x 4 page plates per hour at 2400 dpi
- With speed upgrade 20 x 4 page plates per hour at 1200 dpi
- With speed upgrade 15 x 4 page plates per hour at 2400 dpi
- Maximum plate: 765 x 686 mm
- Modularity; manual to semi-automatic to fully automatic configurations
- Productivity options (see range specification on the back page)
- Internal drum; high quality plate production
- Resolutions to meet all production needs
- Small plate option
- Small footprint
- Compatible with low chemistry and chemistry free violet technology



VioStar FV4

VioStar FA8+ is an affordable CtP system for 8 page production, offering high quality imaging and robust build. The single laser, internal drum device supports a wide variety of plate sizes.

- 33 8-page plates per hour at 1200 dpi
- 21 plates per hour of 800 x 1030 x .28mm at 2400 dpi
- Upgrade from manual to semi-automatic
- Manual plate feed
- AM screening up to 200 lpi
- 6 resolutions standard up to 2540 dpi
- Handles a variety of plates sizes and gauges
- Compatible with low chemistry and chemistry free violet technology



VioStar FA8+

Technology

VioStar F range of internal drum platesetters can utilise a plate edge detect system to accurately identify the edge using a laser beam, ensuring precise plate to plate registration. The imaging laser beams reach 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. New products are not released until they meet our stringent quality control measures, so customers are assured of tested and reliable products.

Specifications

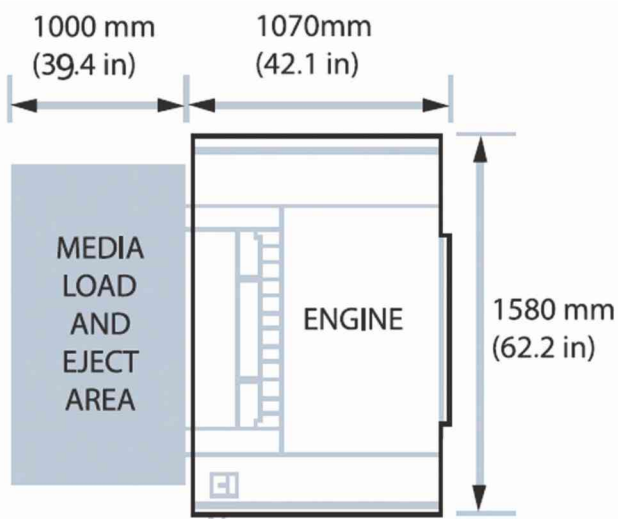
VioStar™ FV4

VioStar™ FA8+

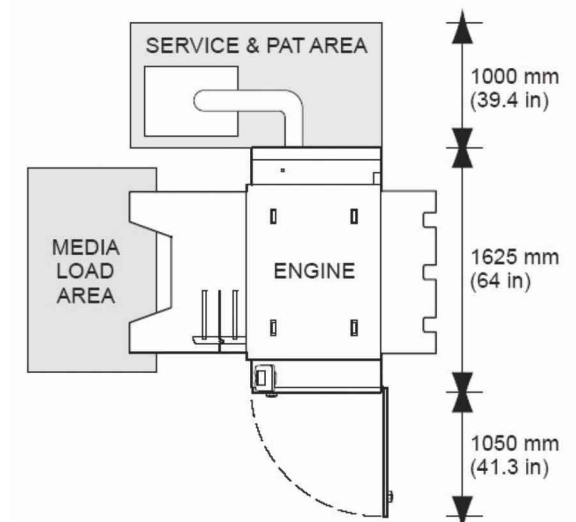
Platesetter	4 page	8 page
Imaging	Patented, Violet laser technology / High speed spinner control / Semi-conductor @ 405 nm; 1-99% dot reproduction*, FM capable	Patented, Violet laser technology / High speed spinner control / Semi-conductor @ 405 nm; 1-99% dot reproduction*
Media Supply	Single plate feed, no interleaf removal	Single plate feed, no interleaf removal
Media Type	Compatible with all major plate manufacturers	Compatible with all major plate manufacturers
Plate Thickness		
Maximum Plate Size (landscape)		
0.15 mm / 0.006"	525 x 459 mm (20 ^{21/32"} x 18 ^{1/16"})	600 x 500 mm (23 ^{19/32"} x 19 ^{21/32"})
0.2 mm / 0.008"	765 x 686 mm (30 ^{3/32"} x 27")	1070 x 850 mm (42 ^{1/8"} x 33 ^{15/32"})
0.24 mm / 0.010"	765 x 686 mm (30 ^{3/32"} x 27")	1070 x 850 mm (42 ^{1/8"} x 33 ^{15/32"})
0.30 mm / 0.012"	765 x 686 mm (30 ^{3/32"} x 27")	1070 x 850 mm (42 ^{1/8"} x 33 ^{15/32"})
Minimum Plate Size (landscape)		
0.15 mm / 0.006"	350 x 350 mm (13 ^{25/32"} x 13 ^{25/32"})	500 x 400 mm (19 ^{21/32"} x 15 ^{23/32"})
0.2 mm / 0.008"	350 x 350 mm (13 ^{25/32"} x 13 ^{25/32"})	500 x 400 mm (19 ^{21/32"} x 15 ^{23/32"})
0.24 mm / 0.010"	410 x 350 mm (16 ^{5/32"} x 13 ^{25/32"})	500 x 400 mm (19 ^{21/32"} x 15 ^{23/32"})
0.30 mm / 0.012"	410 x 350 mm (16 ^{5/32"} x 13 ^{25/32"})	500 x 400 mm (19 ^{21/32"} x 15 ^{23/32"})
Min/max image area	Maximum or minimum plate size -4 mm (- ^{5/32"})	Maximum or minimum plate size -4 mm (- ^{5/32"})
Productivity	15 pph @ 2400 dpi 20 pph @ 1200 dpi	33 pph @ 1200 dpi 21 pph @ 2400 dpi 800 x 1030 x .28mm
User interface	PC based, intuitive support interface	Icon-driven, intuitive MMI (Man Machine interface)
Recorder interface	Firewire IEEE 1394	Ethernet
Connectivity/RIP support	RealPro Workflow or FFEI Tiff Catcher	RealPro Workflow or FFEI 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	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% - 6% VAC 50/60 Hz single phase 10 A	230 ± 10% VAC 50/60Hz single phase 10 Amps
Weight (excluding processor)	620 Kg (1365 lbs)	Manual 850 kg (1870 lbs), Semi 1090 kg (2404 lbs)

* Plate dependent

** For further information please refer to the equipment documentation



VioStar FV4



VioStar FA8+

Corporate Profile

About FFEI

A strong team of 200 people 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. We are built on firm foundations. By continuing to employ the highest caliber 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.

About TechNova

Our Planet is our most vital resource. We must do all we can to preserve it. We at TechNova have embarked on a "Go Green" mission. Our objectives are :

- To promote Green awareness within TechNova, with our stakeholders and within the Indian printing industry.
- To develop, manufacture and supply eco-friendly Green products and services that have the least impact on the environment.
- To comply with, and go beyond, all applicable legal requirements with regard to the environment, and help our customers achieve the same.

To assist the printing industry to "Go Green", TechNova has introduced a bouquet of Green products :

- Chem-free Digital Plates
- Process-free Inkjet CtP Solutions
- Alcohol-free & Alcohol-reducing Founts
- Aromatic-free Press Washes
- VOC-free Cleaners & Deglazers

All Product Information Capsules for TechNova's Green products carry the "Go Green" symbol.

Corporate Profile

- Since inception in 1971, TechNova has introduced several new breakthrough technologies.
- Recognised as one of the world's leading manufacturers of imaging products.
- Markets products to over 51 countries through its overseas offices and distribution network.
- Serves various industries such as print & publishing, packaging, textiles, engineering, signage, advertising, geology, photography, business graphics and medical diagnostics.

Product Portfolio

- Thermal CtP Systems
- Violet CtP Systems
- Inkjet CtP Systems
- Digital & Analog Plates
- Flexo Plates
- Graphic Art Films
- Graphic Chemistry
- Diazo Chemistry
- Offset Printing Blankets
- Inkjet & Laser Media
- Diazo Media
- Screen Print Solutions

Highlights

- India's only and world's 4th largest manufacturer of digital printing plates.
- Long term technical collaboration with Agfa Graphics.
- Only company outside of North America, Europe and Japan to receive the coveted GATF InterTech Technology Award.
- Recipient of the Davos-based World Economic Forum's "Top-performing, Global Growth Company Award" in 1997 and "Technology Pioneer Award" in 2000.

Corporate Office

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