

Luxel V-8 HD High Definition



The Luxel V-8 HD features a new imaging head which combines ongoing improvements in Violet laser technology with a refined optical system. The result is a better laser profile and sharper dot, which equates to better image reproduction and improved processing stability and consistency. When used in conjunction with the Brillia HD LP-NV2 plate, the Luxel V-8 HD delivers the ultimate in dot reproduction and linearity, while retaining high productivity levels. The Luxel V-8 HD fully automatic unit is capable of outputting 32 B1 plates per hour at 2,400 dpi.

Key benefits of the Luxel V-8 HD

- Fully automatic configuration
- Extra large imaging area (1160 x 957 mm)
- Automatic plate loading
- Up to 300 plates online
- Automatic cassette identification
- Automatic interleaf removal
- Automatic plate processing
- Industry standard and custom punch
- Optimised for Brillia HD LP-NV2 Violet plates
- Upgradable for Brillia HD PRO-V Violet chemistry-free plates

Low Cost of Ownership

- Violet optics, imaging life expectancy of 5000 hours (5 years typical usage)
- All of the advantages of Fujifilm Violet laser replacement, maintenance and warranty costs

Quality

- Internal drum for image accuracy, repeatability and registration
- Fujifilm manufactured laser pen for optimum optics performance
- High quality TAFETA FM screening
- 1-99% dot reproduction

Specifications

V-8 HD with punch

Plate Thickness/Gauge	0.15mm/0.006"	0.2mm/0.008" - 0.24mm/0.010"	0.3mm/0.012"
Max. plate size	600 x 500mm (23 19/32" x 19 21/32")	1160 x 960mm (45 21/32" x 37 25/32")	1160 x 960mm (45 21/32" x 37 25/32")
Min. plate size	500 x 400mm (19 21/32" x 15 23/32")	500 x 400mm (19 21/32" x 15 23/32")	500 x 400mm (19 21/32" x 15 23/32")
Max. imaging area	598 x 474mm (23 17/32" x 18 21/32")	1158 x 934mm (45 9/16" x 36 3/4")	1158 x 934mm (45 9/16" x 36 3/4")
Min. imaging area	498 x 374mm (19 19/32" x 14 23/32")	498 x 374mm (19 19/32" x 14 23/32")	498 x 374mm (19 19/32" x 14 23/32")

V-8 HD non-punch

Plate Thickness/Gauge	0.15mm/0.006"	0.2mm/0.008"	0.24mm/0.010"	0.3mm/0.012"
Max. plate size	600 x 500mm (23 19/32" x 19 21/32")	1050 x 800mm (41 5/16" x 31 15/32")	1162 x 960mm (45 23/32" x 37 25/32")	1162 x 960mm (45 23/32" x 37 25/32")
Min. plate size	500 x 400mm (19 21/32" x 15 23/32")	500 x 400mm (19 21/32" x 15 23/32")	500 x 400mm (19 21/32" x 15 23/32")	500 x 400mm (19 21/32" x 15 23/32")
Max. imaging area	598 x 497mm (23 17/32" x 19 9/16")	1048 x 797mm (41 1/4" x 31 3/8")	1160 x 957mm (45 21/32" x 37 21/32")	1160 x 957mm (45 21/32" x 37 21/32")
Min. imaging area	498 x 397mm (19 19/32" x 15 5/8")	498 x 397mm (19 19/32" x 15 5/8")	498 x 397mm (19 19/32" x 15 5/8")	498 x 397mm (19 19/32" x 15 5/8")

Resolution DPI	Spot Size µm	Imaging Speed cm ² /min 2 Laser	Imaging Speed in ² /min 2 Laser	B1 Plates/hour 2 Laser
1200	26.0 – 31.3	13424	2081	43
1219	26.0 – 31.3	13333	2067	43
1270**	26.0 – 31.3	8844	1371	41
1800	17.4 – 21.0	10847	1681	38
1828	17.4 – 21.0	10666	1653	38
2400	13.0 – 15.6	8126	1259	32
2438	13.0 – 15.6	8000	1240	32
2540	13.0 – 15.6	7680	1190	31
3657	13.0 – 15.6	5333	827	24

*Release date to be confirmed

Multiple Media Supply

Fully Automatic configuration:

- Up to 5 cassettes online
- Up to 300 plates online
- Auto cassette identification
- Auto interleaf removal

Imaging

- Patented, Violet laser technology
- High speed spinner control
- Semi-conductor laser @ 405nm

User Interface

- Intuitive, easy to use touch screen controls engine mounted touch screen
- P.C. based user interface

Rip/Workflow Support

- Choice of RIPs
- Celebrant Suite
- Valiano ROOM (Rampage)

Punching (Optional)

- Online, lead edge punching options
- All leading punching options plus custom

RIP - Recorder Interface

- Ultra Wide SCSI

Processor

- Integrated High Speed processor

Media Type

- Fujifilm Brilliia LP-NV and LP-NV2 photopolymer Violet aluminium plates
- 0.15mm to 0.3mm thick

Environment

- Optimum operating range
Temperature: 23°C +/- 2°C
Humidity: 55% +/- 5% non condensing

Image Quality

- Class leading Image Quality
- Fujifilm Quality Screening
- 50 to 200lpi screen rulings
- Adobe Accurate Screening
- Co-Res SCREENING
- TAFFETA20 screening

Electrical Requirements

230 +/- 10% VAC 50/60Hz single phase.16Amps
Heat output – 9500 BTU/hour

Dimensions*

Fully Automatic configuration (incl. processor)

- Height: 1810mm (71")
- Width: 2050mm (80 3/8")
- Length: 5995mm (220 3/8")
- Weight: 3027Kg (6659lb)

*All measurements taken from the front of the platesetter assuming that the plate path feeds from the front to the rear

Fujifilm Electronic Imaging Ltd.

The name 'Fujifilm' and the Fuji and Fujifilm logos are trademarks of Fuji Photo Film Co., Ltd., Tokyo.

All other trademarks are the property of their respective owners and their use in this document is acknowledged and recognised.

All specifications correct at the time of publishing.

It remains the right of FUJIFILM to change the specifications at any time in line with our policy of continuous product development.

All rights reserved. E&OE.

Photographed, scanned and printed using Fujifilm products.

www.ffei.co.uk marketing.comms@ffe.co.uk