



Luxel News violet platesetters

Productivity and quality for everyday newspaper production



- ▶ High productivity even at larger plate sizes
- ▶ Up to 750 plates online in mixed sizes
- ▶ Twin lasers for productivity and redundancy
- ▶ Violet lasers for low cost of ownership
- ▶ Resolutions from 1016 to 2540 dpi available
- ▶ Internal drum for accuracy and repeatability

► Productivity, reliability and quality

FUJIFILM's Luxel News range of platesetters has been specifically designed to meet the demands of everyday newspaper production. With scalable productivity, robust design and high resolution output capability, they provide a complete solution via a choice of three models able to output 80, 100 or 120 plates per hour. Each model incorporates a twin-laser exposure system and has an online capacity of 750 plates, while resolutions of up to 2540 dpi provide high image quality for mixed cold-set and heat-set work on the same device.

Size and speed to suit all applications

The Luxel News range supports a comprehensive selection of popular web press plate sizes including Berliner and Panorama, for popular presses such as KBA Commander, manroland UNIMAN and ROTOMAN, Goss Metro and up to Goss Universal 45/50, as well as manroland's 300 and 700 sheetfed presses. FUJIFILM's unique patented twin-laser system ensures fast imaging speeds even on the

larger plate sizes, while flexible plate handling and automation options enable the platesetters to be configured to suit a wide range of production requirements.

Leading imaging quality

Image accuracy, repeatability and registration are ensured by the internal drum configuration of the Luxel News, while the FUJIFILM-manufactured laser pen provides optimum optical performance. In conjunction with support for

resolutions of up to 2540 dpi, this leads to reduced dot shrinkage or gain on press and therefore enhanced tonal reproduction. The Luxel News range is optimised for use with FUJIFILM Brillia LP-NNV, LP-NNW and LP-NV plates for increased run length with wide exposure and developer latitudes. It can also use the new Brillia PRO-VN chemistry-free plates for faster and more environmentally-friendly working with no loss of productivity.



Fine-tuning of the violet laser beam profile gives the Luxel News its outstanding hard dot characteristic for ultimate quality imaging (right and below).



Flexible plate handling

The Luxel News can accommodate plate sizes from 300 x 450 mm to 1162 x 960 mm. Cassettes may be replenished at the device or removed to allow the platesetter to operate while re-stocking offline. Two types of cassette are available – high capacity cassettes, for plate sizes up to 1030 x 800 mm, holding up to 150 plates each, giving a total of 750 plates on-line and large format cassettes for plate sizes between 1030 x 800 mm and 1162 x 960 mm. Cassette types may be mixed within the platesetter, with a maximum of five cassettes online at once.

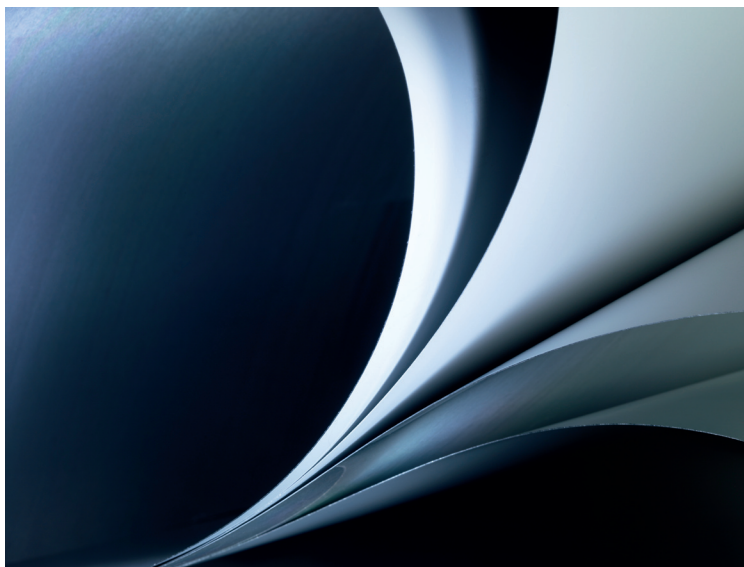
Enhanced productivity and reliability

With three speed options of 80, 100 or 120 plates per hour, the Luxel News range offers productivity to meet a variety of newspaper production applications. Automatic interleaf sheet removal and an option for fully automated workflow maximise productivity, while the twin-laser exposure system provides redundancy, supported by a rapid restart feature for minimum stoppage time.

Minimal cost of ownership

The Luxel News represents a sound long-term investment, thanks to a range of upgrades that increase productivity and quality, enabling it to grow with your requirements. High output resolutions and productivity upgrades are available as options. Long-term reliability is built-in through advanced design, engineering and manufacturing techniques, while the long-life violet laser diodes have a significantly lower replacement cost than thermal alternatives.

The Luxel News range is optimised for use with FUJIFILM Brillia LP-NNV, LP-NNW, LP-NV and PRO-VN plates.



Specifications

Productivity

Press	Plate size		Plates per hour (at 1200 dpi)			Plates per hour (at 2400 dpi)		
	mm	inches	News 80	News 100	News 120	News 80	News 100	News 120
Berliner	315 x 470	12½ x 18½	84	108	128	66	88	101
Goss Metro	397 x 586	15⅝ x 23⅙	78	101	119	59	79	90
Goss Community	889 x 607	35 x 23⅞	67	89	102	46	64	71
Goss Suburban	914 x 585	35 ³¹ / ₃₂ x 23 ¹ / ₃₂	68	90	103	47	65	72
Goss universal 45/50	998 x 660	39 ⁹ / ₃₂ x 25 ¹ / ₃₂	64	86	98	44	61	67
manroland 700	1030 x 785	40 ¹⁷ / ₃₂ x 30 ⁷ / ₈	51	70	78	32	46	49
manroland 300	740 x 603	29 ¹ / ₈ x 23 ²³ / ₃₂	67	89	102	47	65	72
manroland ROTOMAN	973 x 663	38 ⁹ / ₃₂ x 26 ³ / ₃₂	64	86	98	44	61	67
Uniman	398 x 618	15 ²¹ / ₃₂ x 24 ⁵ / ₁₆	78	101	119	59	79	90
KBA Commander	392 x 568	15 ³ / ₃₂ x 22 ¹¹ / ₃₂	79	102	120	59	80	91

Plate handling

	High capacity cassettes	Large format cassettes
Maximum capacity	up to 150 plates per cassette	up to 60 plates per cassette
Minimum plate size	300 x 450 mm	300 x 450 mm
Maximum plate size	1030 x 800 mm	1162 x 960 mm

Other specifications

	FUJIFILM Luxel News 80	FUJIFILM Luxel News 100	FUJIFILM Luxel News 120
Resolution options	standard resolution (lpi) 1016, 1200, 1270; high resolution options (lpi) 1219, 2400, 2438, 2540		
Imaging architecture	internal drum		
Imaging source	violet laser (405 nm) x 2		
Plates supported	FUJIFILM Brillia LP-NNV, LP-NNW, LP-NV and PRO-VN chemistry-free		
Recorder interface	Ultra-Wide SCSI		
Operating environment	temperature 21-25 (degrees C), humidity 50-60% but high quality will work outside of these ranges		
Dimensions (W x L x H)	2050 mm x 3945 mm x 1810 mm excluding processor		
Weight	2354 kg excluding processor		
Power supply	16 Amp, 230V (tolerance between 207-254V), 50/60 Hz		

Please contact your local FUJIFILM partner for further information.

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Environmental printing specifications: Printer: Breckland Print – ISO 14001-accredited and FSC-certified. Plates: FUJIFILM Brillia HD PRO-T – processless plates that eliminate the processor, chemistry, water and waste from plate production. Paper: Greencoat Plus Velvet – FSC-certified, 80% post-consumer waste recycled. Inks: Ultrachem Reflecta eco – vegetable-based.