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Luxel News VMAX: Overview

Powerful modular platesetter for the newspaper industry

Designed to meet the rigorous demands of the newspaper industry, the Luxel News VMAX violet CTP platesetter provides high quality plates faster than any other system on the market.

Key features

▶ Low energy violet laser imaging

▶ From 100 to 250 plates per hour at 1270dpi (SA)

▶ From 100 to 400 plates per hour at 1270dpi (FA)

▶ Handles a number of different plate formats

▶ Scalable, modular design with automation options

▶ 'Plug and play' operation

▶ Two plate cassette options: Manual load or pallet load

▶ Compact footprint

▶ Integrates into existing pre-press environments

▶ Compatible with existing MIS and workflow solutions

High speed system for maximum productivity
The fastest CTP system on the market when used with Superia PRO-VN plates. Able to output up to 400 high quality plates per hour at 1270dpi, the Luxel News VMAX delivers ultra-fast imaging speeds with high precision.

Ultra-reliable for optimum efficiency and minimal downtime
System reliability is optimised through a reduction in unnecessary components and an almost maintenance-free optics system. Plate exposure can continue while the trolley is being changed, ensuring maximum up-time.

Scalable, modular design for increased flexibility
Available in both semi-automatic and fully automatic versions, the system is scalable so can be upgraded and expanded as production requirements change. It can also be installed with a processor, punch and bender inline for optimal efficiency.

Various automation options
An autoloader adds further automation with highly reliable plate and interleaf paper handling. The ability to include two autoloaders inline means that up to 6,000 plates can be made available for automated production. The option of a pallet loading cassette makes it possible to load plates directly from a pallet, for ultimate production efficiency.

Lower total cost of ownership for maximum value
The violet Luxel News VMAX system represents exceptional value with its overall low cost of ownership and ease of use. This is further guaranteed through the ultra-high reliability of the system and low risk of failure, as well as the ability to carry out remote diagnostics.

Luxel News VMAX

Technical specification

	Luxel News VMAX SA	Luxel News VMAX FA
Exposure system	flatbed with violet laser and multi facets optic	
Plates supported	violet sensitive, silver and photo polymer plates	
Data input	1 BIT TIFF G4 via network RJ45 1000 T Standard	
Plate handling	manual loading and paper removal, online to processor	automatic loading and paper removal, automated unloading, online to processor
Plate quantity (plate loading cassette)	-	up to 1000 single or 500 panorama plates per cassette
Plate quantity (pallet loading cassette)	-	up to 3000 single or 1500 panorama plates per pallet
Plate output	100-250 plates/hr, single plates, 1270 dpi	100-400 plates/hr, single plates, 1270 dpi
Technical data		
Laser source	violet 405 nm	
Laser power max.	60-120 mW	
Scan length max.	635 mm	
Feed length max.	910 mm	
Resolution	up to 1270 dpi	
Screen ruling	AM, FM, hybrid dependent on plate type	
Spot size	20 µm	
Exposing speed	max 40 mm/sec	
Min plate size	300 x 500 mm	
Max. plate size (plate loading cassette)	635 x 910 mm	
Max. plate size (pallet loading cassette)		Pallet size: 700 x 900 mm Single plate, two stacks: 409 x 635 mm Panorama plate, one stack: 828 x 635
Max. imaging area	635 x 910 mm	
Plate thickness	0.2-0.3 mm	
Physical data		
Weight approx.	800 kg	
Dimension L x W x H	230 x 155 x 165 cm	
Plate output height	890 mm	
Services and environment		
Power, single phase	16A, 220V	
Power consumption	2000 W	
Air dry, clean, oil free	minimum 5.5 bar	
Room temperature*	18-23°C	
Room humidity*	40-60%	
Room light*	daylight, yellow safe light for plate loading in trolley	

* dependent on plate type

Luxel News VMAX SA

Luxel News VMAX FA

Pallet cassette

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