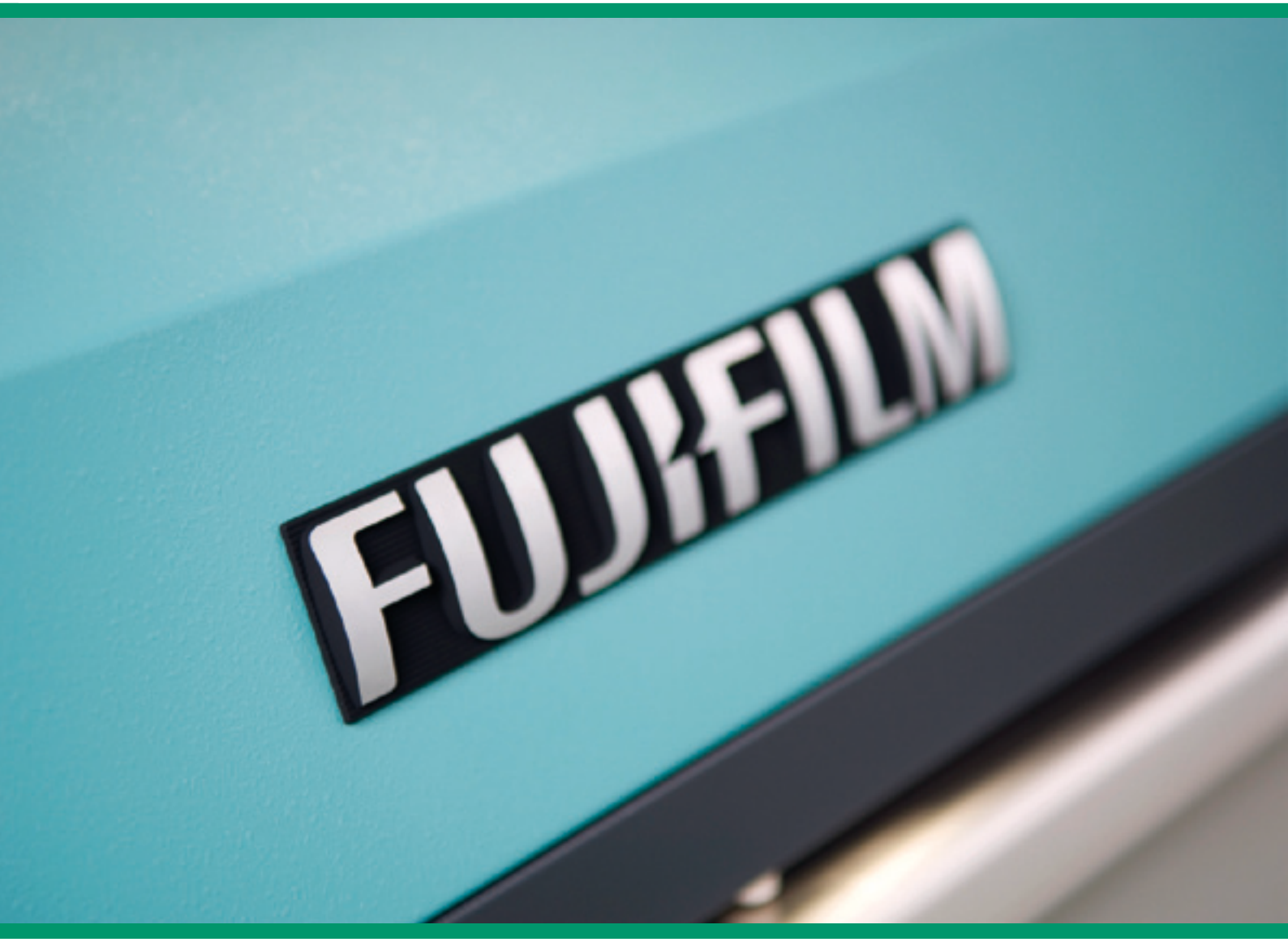
FUJIFILM



Luxel T-9X00 N/HD series

PRODUCT BROCHURE

High quality productive B1 thermal platesetters.

Quality, productivity and flexibility

Quality, productivity and flexibility in B1 thermal platesetting all come together in the Luxel T-9X00 Series. From field-upgradeable entry-level models for customers who do not require the highest throughput, to fully automated high productivity configurations with an maximum output of 67 plates per hour, the Luxel T-9X00 range provides everything you need for efficient platemaking to the highest standards, with the benefit of daylight handling and the option for truly processless platemaking.

Reliability

Developing a range of platesetters by refining a successful, field-proven design assures product reliability. All the mechanical, electrical and optical systems in the T-9X00 Series have been designed to operate dependably, guaranteeing consistency plate after plate, day after day.

Quality

Very precise on-press registration comes as standard with all Luxel T-series platesetters – repeatability is better than ±5 microns*. This accuracy is available at all resolutions and plate sizes; uniform exposure across plates is inherent in the design of the platesetters, ensuring the same high quality, whatever the job.

Flexible productivity

The Luxel T-9X00 Series gives you a wide choice of productivity options, from 8 B1 plates per hour at 2400 dpi with the T-9300CTP N, to an industry-leading 67 plates an hour with the T-9800CTP HD-X, which uses 1024-channel Grating Light Valve (GLV) technology, for customers who require maximum quality and productivity. An auto-balancing drum in all models enables imaging of different plate sizes without the need for manual adjustment.

For even greater flexibility, the new design allows a wide variety of on-site performance upgrades: T-9300CTP N to T-9300CTP NS; T-9500CTP N to T9500CTP NS; T-9500CTP N to T-9500 NS and T-9800 HD-E to T-9800 HD-S. This enables you to choose the model with the best options to support your business's growth for today and tomorrow.

Three stages of automation

On-line plate processors (if required) and single or multiple cassette auto-loaders are available for all T-9X00 Series models, making them highly efficient systems for automated platemaking. Further increased efficiency and precision can be achieved with an optional automatic internal punch.

Superior screening technologies

To enhance the image quality delivered by the Luxel T-9X00 Series, Fujifilm offers two advanced screening technologies: Co-Res AM screening and Taffeta FM screening. Fujifilm Co-Res Screening enables printing at high screen rulings using standard platesetter output resolutions, while Fujifilm Taffeta second-generation FM screening offers all the benefits of FM while reducing the unevenness and graininess of other FM technologies.

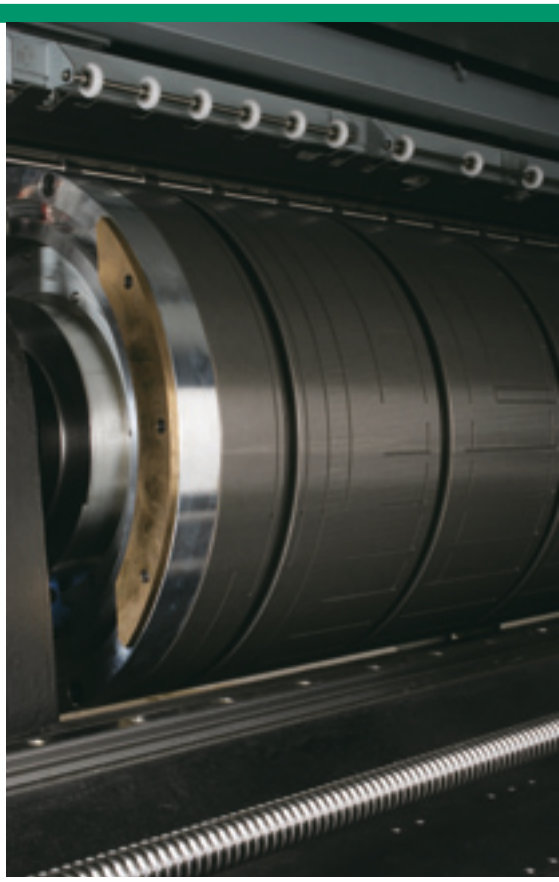
High-resolution and lenticular printing support

The Luxel T9800CTP HD-E and HD-S offers high-resolution 4,000 dpi support as an option. This option is perfect for everything from high-resolution art printing to the accurate reproduction of small text sizes like those required for bond and other certificate printing. Plates suitable for high-quality lenticular printing, including plates for the output of 3D images, can also be produced.

Remote Monitor

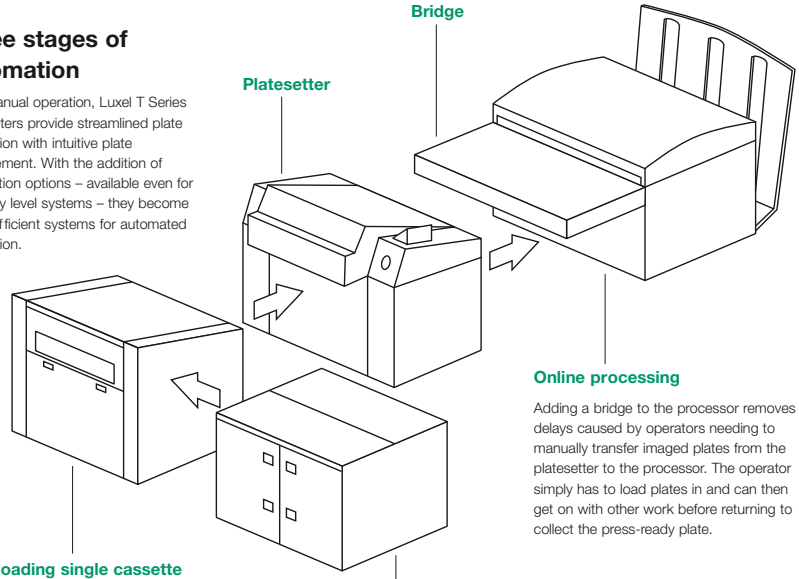
The Luxel T-9X00 Series' Remote Monitor facility makes it possible to view the platesetter's status and history at any time and from anywhere on your network. It also allows operators to be kept informed via e-mail.

** Over four successive exposures on one plate at 23ºC and 60% relative humidity.*



Three stages of automation

With manual operation, Luxel T Series platesetters provide streamlined plate production with intuitive plate management. With the addition of automation options – available even for the entry level systems – they become highly efficient systems for automated production.



Online processing

Adding a bridge to the processor removes delays caused by operators needing to manually transfer imaged plates from the platesetter to the processor. The operator simply has to load plates in and can then get on with other work before returning to collect the press-ready plate.

Auto-loading single cassette

With a single cassette auto-loader fitted to the front of the platesetter, up to 100 plates of any one size can be loaded and left to image and process unattended. Significant amounts of operator time are saved, and a further potential bottleneck is removed from the plate production process.

Auto-loading multi-cassette

Completing the automation options is the multi-cassette facility: this provides up to 100 plates each of up to 5 different sizes. Plate size selection can be controlled using the simple touch-screen LCD panel. Additional plate cassettes can be loaded up and kept ready for when an online cassette becomes empty.

Loading of plates during processing

The new MA-L for the HD-series allows plates to be loaded into the cassette during continuous operation. This avoids downtime when additional plates are required and maximizes productivity and press operating ratios.

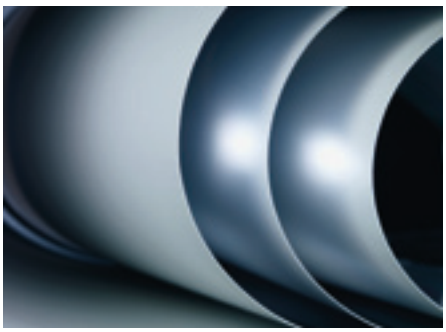
The ergonomic design ensures easy operation even when adding plates to cassettes.

Gentle on the environment

Fujifilm assesses the environmental impact of all its products as a form of design review. The Luxel T-9800 HD series has been developed with the goals of minimizing energy use and environmental impact while maximizing safety.

- Energy use during operation has been cut by up to 9%.*
- A new power saving mode allows energy savings of around 65% during idling.
- The low-impact design conforms to RoHS environmental standards.
- All models are compatible with chemical less plates from a range of manufacturers.

** Comparison of the Luxel T-9800 HD-S and Luxel T-9500 S. This value is for when a multi cassette autoloader is connected. It may vary depending on the installation environment and does not represent a guaranteed level of energy saving.*



Specifications

	T-9300CTP N	T-9300CTP NS	T-9500CTP N	T-9500CTP NS	T-9500CTP NHS	Luxel T-9800CTP HD-E/-HD-S	Luxel T-9800CTP HD-X
Format	B1+	B1+	B1+	B1+	B1+	B1+	B1+
Imaging size (max)	1160 x 916 mm; 1160 x 924 mm when using 8 mm clamps. In case 8 mm clamps, the productivity is reduced.					1165 x 938 mm	
Media size	Maximum: 1160 x 940mm; Minimum: 304 x 370mm					Maximum: 1165 x 950mm; Minimum: 304 x 305mm. Widths between 590mm and 610mm cannot be used.	
Media thickness	0.15 to 0.30mm (0.4 mm available as an option. Autoloader requires an optional upgrade kit.)						
Resolution (dpi)	2400, 2438, 2540	1200, 2000, 2400, 2438, 2540, 4000	1200, 2400, 2438, 2540		1200, 2000, 2400, 2438, 2540, 4000	1200, 2400,2438, 2540 (4000 factory option)	1200, 2400, 2438, 2540
Exposure Head	16ch Can type	32ch Can type	32ch Fibre type	64 ch Fibre type		512-channel GLV type	1024-channel GLV type
Productivity (max LH-PJE plates per hour @ 2400dpi)	8 x B1*	14 x B1*		23 x B1*		HD-E type 33 x B1* HD-S type 43 x B1*	67 x B1*
Field productivity upgrade	To T-9300CTP NS	Not available	To T-9500CTP NS	Not available	Not available	HD-E type to HD-S	Not available
Power requirements	Single phase 200 to 240V, 32 A, 4.0KW					Main unit: Single phase 200 to 240V, 16 A, 3.2KW Chiller Unit: Single phase 200 to 240V, 3 A, 0.6KW	
Dimensions (WxDxH in mm)	Main unit: 2446 x 1295 x 1390; Blower 693 x 675 x 550					Main unit: 2640 x 1475 x 1394 including blower Chiller: 460 x 580 x 750	
Weight	Main Unit: 1150 kg; Blower: 85kg					Main Unit: 1150 kg; Chiller: 63kg	
Environment	Recommended: 23°C ± 2°C; Required 22°C ± 4°C; Humidity: 40-70% non-condensing; No excessive air contaminates.						
Media types	Fujifilm Brillia thermal plates, please contact Fujifilm for specific information.						
Repeatability	±5 microns over four consecutive exposures on one plate at 23°C and 60% relative humidity; ±30 microns, image to punch, at 23°C and 60% relative humidity.						
RIP interface	PIF interface between platesetter and RIP workstation.						
RIPs supported	FUJIFILM XMF Workflow. Third party workflows can be interfaced, please contact Fujifilm for specific information.						
Punch systems (option)	Up to 4 sets (Standard and custom punches are available)					Up to 6 sets (Standard and custom punches are available)	
Automation (option)	Built-in bridge; Bridge; Multi-bridge; Single cassette autoloader; Multi cassette autoloader; Cassette for single cassette autoloader; Cassette for multi cassette autoloader.						
Options	Feed tray; 0.4mm plate thickness support; Signal tower unit; Registration punch block for plate widths between 590mm and 610mm;					Manual loading kit, Front discharge kit for manual load.	
Factory options						4000dpi Lenticular	

* Output speed may vary depending on the sensitivity of the media and clamp size selection.

Auto-loader specifications

	T-9000AL V	T-9000ML V	T-9000AL HD	T-9000ML HD
Cassettes	1**	Standard 3 (max 5)	1**	Standard 3 (max 5)
Cassette capacity	100 plates (t=0.15 - 0.3mm) 75 plates (t=0.4mm) 50 plates (plates less than 450mm wide)			
Paper removal	Automatic interleaf paper removal			
Weight	600kg	1250kg	600kg	1200kg
Power requirements	Powered by main unit			
Recorder compatibility	T-9300CTP N/NS T-9500CTP N/NS/NHS T-9500CTP N/NS/NHS		T-9800CTP HD-series	
Options	Small plate tray (for plate sizes between 304 - 450 mm)		Right version as standard layout, left version layout as an option	
	Additional cassettes & carrier section with dustproof cover (for AL) Up-grade cassette kit (for ML)			

** Additional cassette on trolley is available as an option

Please contact your local Fujifilm partner or visit www.powertosucceed.eu/contacts

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