FUJIFILM

Luxel T-9500 MII - SA/ZA

High quality productive B1 thermal platesetters

- Maximum quality for fine AM and FM screening
- Productivity up to 20 B1 plates per hour at 2400 dpi
- Compatible with FUJIFILM Brilla HD PRO-T Processless plates

High-quality, semi-automated CtP recorder that will provide the foundation for a fully digital platemaking workflow.

Productivity (1,030 x 800 mm/40.5" x 31.4" plates at 2,400 dpi)

Luxel T 9500MII-ZA	30 plates/hr
Luxel T 9500MII-SA	23 plates/hr

Faster turnaround plus improved quality and lower costs

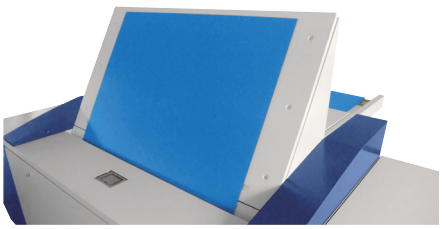
CtP benefits

1. Improved registration and press productivity
2. Reduced turnaround times from the shortened production process
3. Cost reduction through the elimination of film processing
4. Sharper, more accurate dots
5. More consistent quality and reduced labor costs

Inline connection to plate processor

The Luxel T 9500MII-ZA/SA is equipped with a rear delivery conveyor. This allows exposed plates to be transferred inline to the plate processor of any manufacturer.

Semi-automated CtP processing



In addition, if the next new plate is set on set table during exposure, the next new plate is loaded automatically just after exposed plate is discharged to the processor.

The Luxel T- 9500MII-ZA/SA is another high-quality thermal CtP recorder built with the renowned technology and expertise that have made Dainippon Screen the world's number one CtP manufacturer. Screen's unique thermal external drum technology is combined with its high-precision optics to enable fast and high-quality plate output. As there is no need for complex processing and intermediate steps, such as outputting layout data to film or exposing plates using film, the plate production process with CtP is much simpler than traditional platemaking.

Furthermore, CtP eliminates paste-up errors and foreign-matter contamination, contributing to increased efficiency in both the platemaking and printing process.
Last but not least, thermal CtP output produces sharper halftone dots than traditional platemaking methods, and therefore dramatically improves printing quality.

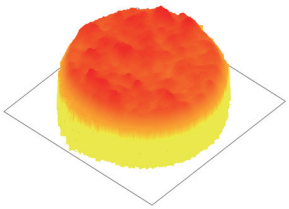
Screen's technologies

Optical system technology

Stable exposure beam

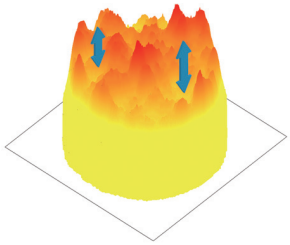
With the Luxel T- 9500MII-ZA/SA, the exposure head and its built-in laser move as a single unit. This prevents any profile fluctuation caused by changes in the shape of the optical fiber and produces a stable beam.

Luxel T- 9500MII-ZA/SA



The laser is included in the exposure head to produce a stable beam.

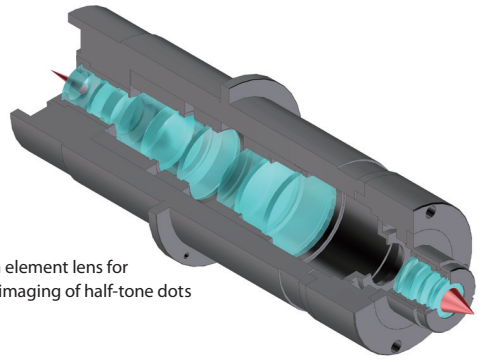
Products from other companies



Unevenness occurs in the power distribution of the beam, creating instability.

Fine imaging lens

The Luxel T- 9500MII-ZA/SA capitalizes on Screen's advanced optical technology. It features high refractive index glass and an impressive 13 element lens design for sharper imaging of half-tone dots. Proprietary technology also compensates for shifts in the focal position caused by environmental temperature variations.

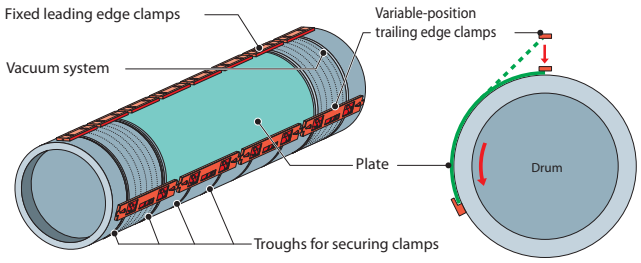


Thirteen element lens for sharper imaging of half-tone dots

Drum technology

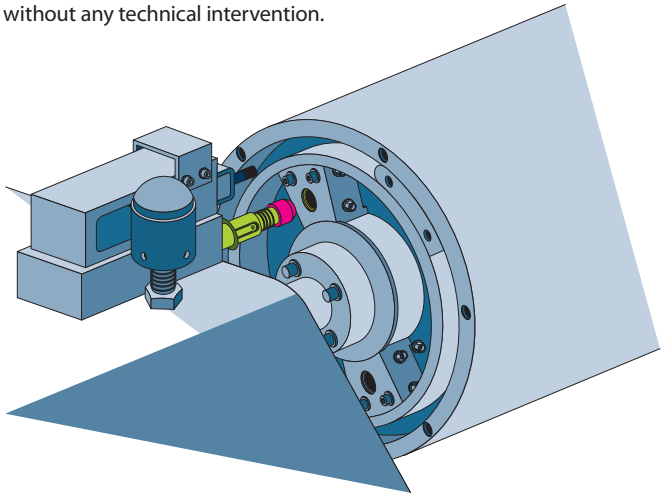
Reliable plate securing system

The Luxel T-9500MII-ZA/SA recorder features an automated clamping and vacuum system. This system can consistently and firmly secure a wide range of plate sizes, even during fast-rotation/high-speed exposure. A plate is fixed to the drum by a unique slot equipped with a clamp and a vacuum attachment system.



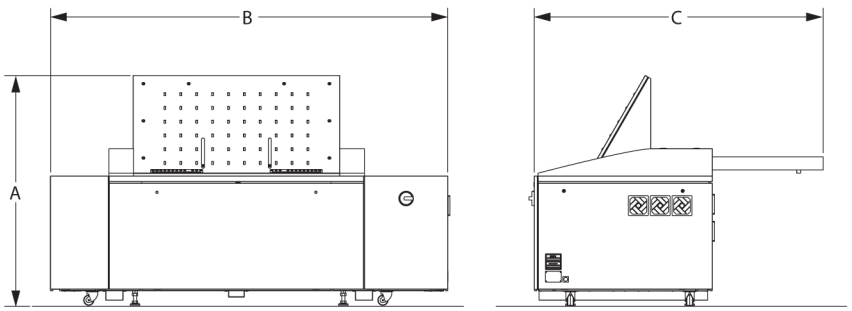
Auto-balance system

The Luxel T-9500MII-ZA/SA features Screen's unique and precise auto-balance system. It ensures the counter weights automatically adjust with every change of plate size, maintaining smooth and silent drum rotation. This system is easy to set up via the display menu without any technical intervention.



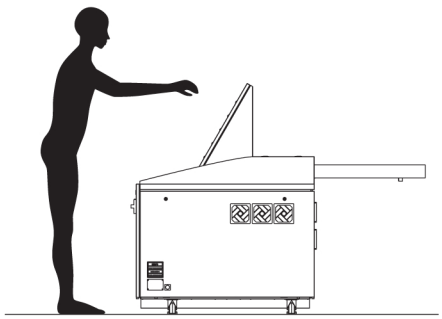
Dimensions

	A	B	C
mm	1,453	2,500	1,820
inches	57.3"	98.5"	71.7"



Universal, compact design

Equipment height enables easy operation.



Luxel T-9500MII-ZA/SA specifications

Product name	Luxel T- 9500MII-ZA	Luxel T- 9500MII-SA
Model name	PT-R8600MII-ZA	PT-R8600MII-SA
Recording system	External drum	
Light source	96-channel laser diodes	64-channel laser diodes
Plate size	Maximum 1,060 x 830 mm (41.7" x 32.6"); Minimum 450 x 370 mm (17.8" x 14.6")	
Exposure size	Maximum 1,060 x 806 mm (41.7" x 31.7") [Maximum 1,060 x 806 mm (41.7" x 31.7") at 900 rpm; Maximum 1,060 x 810 mm (41.7" x 31.8") at 600 rpm]	
Plate	Thermal aluminum plate	
Plate thickness	0.15 to 0.3 mm (6 to 11.8 mil)	
Resolutions	1,200/2,400/2,540 dpi *1	
Repeatability	± 5 µm *2	
Productivity	30 plates/hr (1,030 x 800 mm/40.5" x 31.4" plates) at 2,400 dpi *3 *4	23 plates/hr (1,030 x 800 mm/40.5" x 31.4" plates) at 2,400 dpi *3 *4
Interface	S-PIF / Gigabit Ethernet	F-PIF / Gigabit Ethernet
Plate transport	Semiautomatic loading	
Dimensions (W x D x H)	Main unit: 2,500 x 1,820 x 1,453 mm (98.5 x 71.7" x 57.3")	
Weight	Main unit: 1,000kg (2,200lb)	Main unit: 985kg (2,167lb)
Power requirements	Main unit: Single phase 200 V to 240 V, 30 A, 4.0 kW	
Environment	Recommended: 21 to 25°C (69.8 to 77°F); Required: 18 to 26°C (64.4 to 78.8°F); Relative humidity: 40 to 70% (no condensation)	
Applicable standard	Conform to IEC 60204-1	

**1. 1,200 dpi uses 2,400 dpi double dots.*
**2. Over four consecutive exposures on one plate at 23°C (73.4°F) and 60% relative humidity.*
**3. Productivity may vary depending upon media sensitivity.*
**4. Productivity is calculated so it includes 10 seconds for loading and unloading per plate.*