FUJIFILM
Value from Innovation

Luxel T-6500CTP N: Overview

Advanced 4-page thermal platesetter system

The Luxel T-6500CTP N series is the next generation of Fujifilm 4-page platestters designed for flexibility and appearance. The autoloaders for the Luxel T-6500CTP N series have also been redesigned with support for easier plate loading and a wider range of plate sizes.

Produce high quality plates with speed and flexibility

High speed plate production

The top of the range Luxel T-6500CTP N-X model can achieve at least 8 sets of 4 colour plates per hour reducing plate making and production times.

Full and flexible plate automation

A range of automation options exist to meet specific production, space and budget requirements.

Highest quality plate imaging

The latest laser technology ensures excellent image quality while providing consistent plate quality

Wide plate size capability

A wide range of compatible plate sizes provides flexibility for a larger number of presses.

Online plate punch option

Up to 3 sets of plate punches enables accurate online press plate punching for improved plate registration.

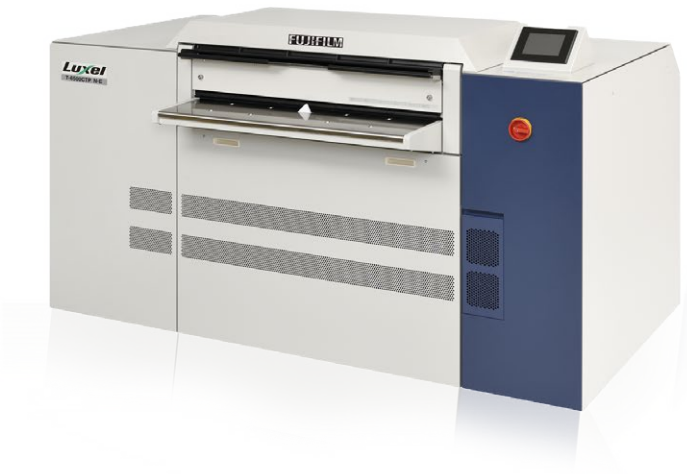
Key features

- Productivity options: from 11 to 33 plates per hour
- Full automation possible with single and multi-autoloader
- Uses Fiber LD technology for higher quality image output
- Improved small plate size support
- Improved data connection via Gigabit Ethernet
- Maximum plate size: 830x680mm
- Online punch option: Maximum 6 units with up to 3 sets of punches
- Three investment entry points:

  Luxel T6500CTP N-E:
  11 plates per hour

  Luxel T6500CTP N-S:
  21 plates per hour

  Luxel T6500CTP N-X:
  33 plates per hour



Luxel

Productive

Fast plate output for maximum productivity

There are three models in the Luxel T-6500CTP N series to cover a wide range of production requirements. Maximum productivity is achieved with the flagship Luxel T-6500CTP N-X which is capable of delivering up to 33 plates per hour or the equivalent of 8 sets of 4 colour plates per hour. E and S models can achieve 11 and 21 plates per hour respectively.

Highest quality plate imaging

Luxel T-6500CTP N platesetters use the latest fiber laser diode imaging technology that is usually associated with larger more expenisve platesetters. This delivers new levels of plate consistency and overall image quality which is particularly important with high resolution and fine screen printing.

Automation

An autoloader system can automate plate loading, exposure, transport, processing, and discharge, enabling continuous operation. Two types are available: the T-6000 AL HD single-cassette autoloader for one cassette with up to 100 plates, and the T-6000 ML HD multi-cassette autoloader for three separate cassettes with up to 100 plates each.

Flexible

Full and flexible plate automation

Luxel T-6500CTP N platesetters are available in several plate handling configurations including manual plate load/unload, semi with manual load and auto unload via an optional built-in-bridge. Further options of a single (AL) autoloader and full multi (ML) autoloader provide full plate handling flexibility to offer the best solution for any requirements, with potential savings in time and labour costs.

Range of output resolutions

A number of different resolutions are possible providing complete flexibility. Standard output resolutions from 1200dpi up to 2540dpi are possible. The ability to choose a specific output resolution is available via a simple menu based setup process and does not require specific engineering support.

Wide range of supported plate sizes

With the small plate option Luxel T-6500CTP N platesetters can handle plates from 270 x 278mm. Further plate size flexibility is achieved with a maximum plate size of 830 x 680mm. The wide range of compatible sizes ensures the platesetter can handle plate making needs for most printers up to 4pp format.

Upgradable

Productivity upgrades

Should plate production demands increase, it is possible to upgrade a platesetter from the E to S specification plate output taking plate production from 11 to 21 plates per hour. All this is achieved with a simple upgrade option and no complex engineering modifications.

Connectivity

A Gigabit Ethernet connection eliminates the need for a costly PIF board or converter box. The platesetters are fully compatible with Fujifilm's XMF Workflow V6.2 or higher or other Workflow options via XMF Gateway V6.2.

Key Specifications

		Luxel	Remark
Name		**6500CTP N E/S/X**	
Recording System		External drum	
Plate size	**Max**	830 x 680mm	
	Min	324 x 330mm	*1
	Option	Min (Option A - Hardware) = 270 x 278mm Min (Option B - Password) = 324 x 278mm	
Plate thickness	**Max**	0.15 - 0.3mm	
Clamp size	**Standard**	12mm	
	Option	8mm	
Maximum output size		830 x 656mm 830 x 664mm (8mm clamp option)	*2 *3
Loading direction		Both horizontal and vertical loading are possible	*4
Exposure head	**light source**	Fibre LD	
	channels	16/32/64	
	power	240mW/ch	
	wavelength	830nm	
Resolution (dpi)		1200, 2400, 2438, 2540	
Exposure system		Spiral exposure	
Productivity		11/21/33 plates per hour	*5
Drum rotation speed		max. 1000rpm	
I/F		Gigabit Ethernet	
Plate loading	**Standard**	One of the following options must be ordered	
	Option	Manual feed tray (front loading) T-6000AL HD / T-6000ML HD T-6000AL V / T-6000ML V	*6
Plate unloading	**Standard**	front discharge	
	Option	Built-in Bridge	*7
Registration		Plate edge detection	
Reference punch (escape punch)	**Standard**	n/a	
	Option	Only when Small Plate Option A is installed	*8
Press Punch	**Option**	Max; 6 units	*9
Regulatory Standards		CE (EN1010, EN60825), EMC, WEEE, RoHS NRTL (UL62368), FCC, FDA, KC, UKCA	
Dimensions (WxDxH) (mm)		2000 x 1320 x 1205 mm (Including feed-tray)	
Weight (kg)	**main unit**	800	
	Blower	Built in	*10
Environment		Recommended; 21 to 25 degrees C (Required; 18 to 26 degrees C) Relative humidity; 40 to 70% (no condensation)	
Power Requirements	**Main Unit**	Single Phase 220-240V, 3.6kW, 15A	
	AL (V)	Supplied from Main Unit	
	AL (HD)	Single Phase, 200-240V 1.0kW, 5A	
Interface Language		Language (English, Japanese)	
Other Functions		Remote Monitoring ECO Mode Media Protect Function Network Signal Tower	*11

*1 Minimum plate size of a small size A (option) With this minimum sise plate option, register punch units (escape punch PTR220/PTR221) are added and therefore, there are some limitations for press punch options (punch pitch is less than 302mm). Please consult Solutions Team for specific configurations.
*2 With 12mm clamps
*3 8mm on both lead and tail edges.
*4 When using the following plate, please consult Solutions Team
Vertical loading: all cases
Horizontal loading: The aspect ratio is more than 1:2.
*5 Productivity may vary depending on the sensitivity of media.
All values are 2400dpi with plate size of 724 x 615 mm.
*6 S/MA-L4600 / T-6000 A/ML V can be used with Luxel T-6500CTP N series, but connection kit is required.
S/MA-L4600 / T-6000 A/ML V may also require additional small plate options.
*7 AT-T4000 cannot be connected.
Built-in Bridge is required for all rear output except when used with specific stackers and with plate lengths above 330 mm.
*8 In case of X>=324mm, plate does not have notch.
*9 Punch unit is compatible with Luxel T-6x00 series / PT-R 4x00 series.
*10 When installed in places where the altitudes are higher than 1500m, 'High altitude Blower (BU-800E)' will be required. In this case, original internal blower cannot be used.
*11 T-6500CTP N has signal tower functionality but the PATLITE NHP-3FV2W-RYG device must be purchased locally.

Please contact your local Fujifilm partner or visit:
fujifilm.com/uk/en/business/graphic

Fujifilm Print

Fujifilm Print

FUJIFILM
Value from Innovation

EU3550-2 07/25