

## CtP Products

### PlateRite Ultima 48000

VLF

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### PlateRite Ultima 40000N ZT/ZS

VLF

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### PlateRite Ultima 16000N

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### PlateRite HD 8900N

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### PlateRite 8600NII

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### PlateRite 8600MII-ZA/SA

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### PlateRite 8600MII-S/E

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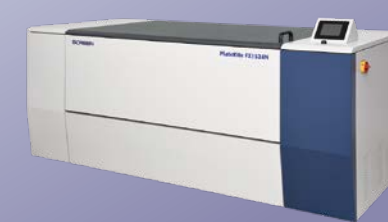
### PlateRite 4600N-Z/S/E

4 page



### PlateRite FX1524N PlateRite FX1200N

Flexo



### PlateRite FX870N-S/E

Flexo



# PlateRite Ultima 48000SX/S

-The largest CtP recorder in the world to support maximum 96-page web presses.

-Dual loading available for 1,024ch/512ch GLV models.



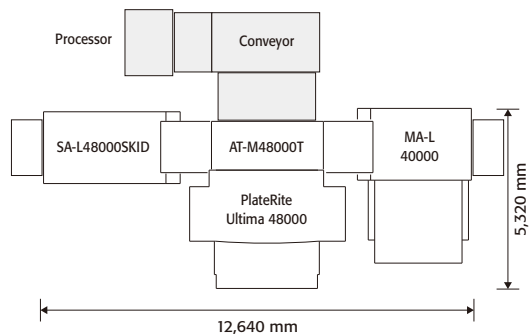
## Productivity

		2,900 × 1,350 mm
PlateRite Ultima 48000SX	1024 Channel	17 pph
PlateRite Ultima 48000S	512 Channel	14 pph

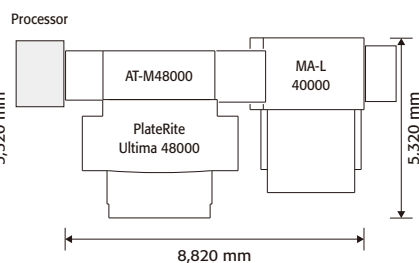
- Productivity may vary depending on the sensitivity of the plates used.
- Productivity was measured during output at 2,400 dpi, with the unit connected to an MA-L multi-cassette plate autoloader.

## Automation

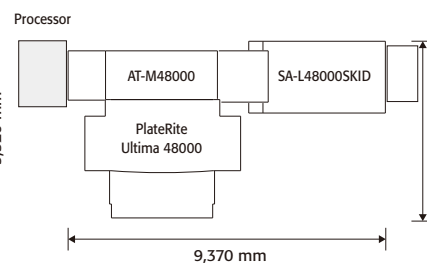
**PlateRite Ultima 48000**  
+ MA-L40000 + SA-L48000SKID  
+ AT-M48000T



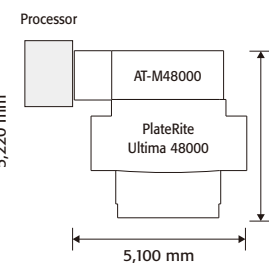
**PlateRite Ultima 48000**  
+ MA-L40000 + AT-M48000



**PlateRite Ultima 48000**  
+ SA-L48000SKID + AT-M48000



**PlateRite Ultima 48000**  
+ AT-M48000



Catalog



Movie

Overall Specification



Productivity



# PlateRite Ultima 40000N ZT/ZS

- Dual loading available.
- Dual head models are also available for PlateRite Ultima 40000N-ZT.
- Flexible automation with multiple combination of autoloaders(SA-L40000N SKID, MA-L40000N).



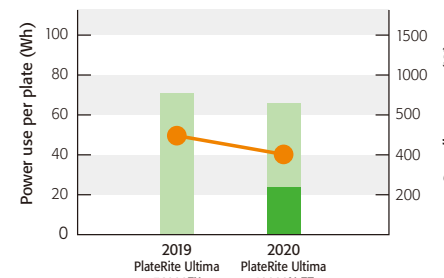
## Productivity

		2,280 × 1,276 mm
PlateRite Ultima 40000N-ZT	1024 Channel Dual Loading	35 pph
PlateRite Ultima 40000N-ZS	1024 Channel Dual Loading	24 pph

- Productivity may vary depending on the sensitivity of the plates.
- The above productivity was measured during output at 2,400dpi with Multi-cassette autoloader.

## Ecology (SCREEN measurements)

● Power use per plate    ■ Standby power    ■ Standby power (power-saving mode)

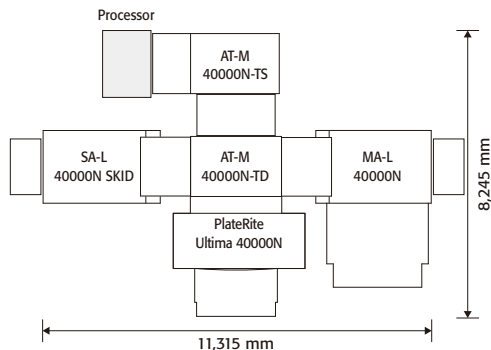


- Energy use during operation is reduced by **up to 16.5%.\***
- Energy use during standby is reduced by **up to 75.6%.\***

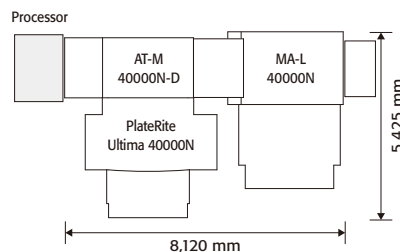
\* A comparison of the PlateRite Ultima 36000ZX and PlateRite Ultima 40000N-ZT when a plate insertion table is used. The test involved imaging high-sensitivity material of 1,030 x 800 mm (40.5" x 31.4") at 2,400 dpi. As power consumption is also affected by the operating environment and other external factors, the above values cannot be guaranteed.

## Automation

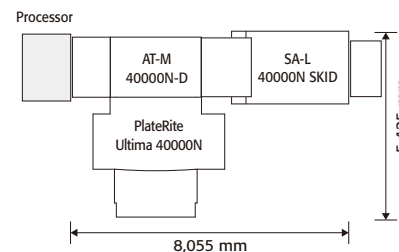
PlateRite Ultima Ultima 40000N  
+ MA-L40000N + SA-L40000N SKID  
+ AT-M40000N-TD + AT-M40000N-TS



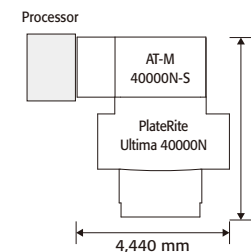
PlateRite Ultima Ultima 40000N  
+ MA-L40000N + AT-M40000N-D



PlateRite Ultima Ultima 40000N  
+ SA-L40000N SKID + AT-M40000N-D



PlateRite Ultima Ultima 40000N  
+ AT-M40000N-S



Catalog



Movie

Overall Specification



Productivity



# PlateRite Ultima 24000N-Z/S

-Compact model focusing on the most popular plate sizes in the latest VLF market.

-Multiple jobs can be exposed on large plates with high productivity.



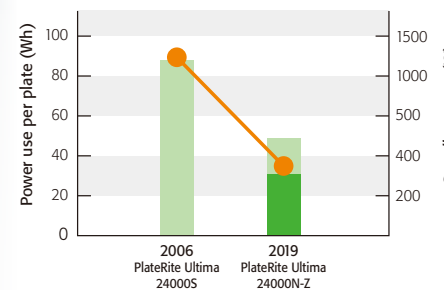
## Productivity

		1,652 × 1,325 mm
PlateRite Ultima 24000N-Z	1024 Channel	35 pph
PlateRite Ultima 24000N-S	512 Channel	24 pph

- Productivity may vary depending on the sensitivity of the plates used.
- Productivity was measured during output at 2,400 dpi, with the unit connected to an MA-L multi-cassette plate autoloader.

## Ecology (SCREEN measurements)

● Power use per plate ● Standby power ● Standby power (power-saving mode)

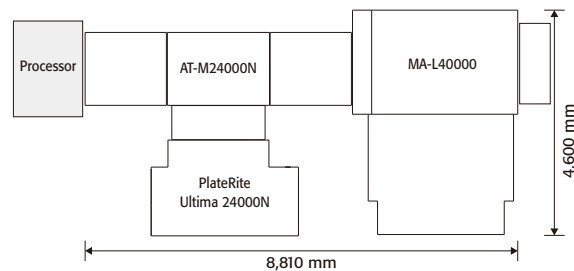


- Energy use during operation is reduced by **up to 56.7%.\***
- Energy use during standby is reduced by **up to 76.0%.\***

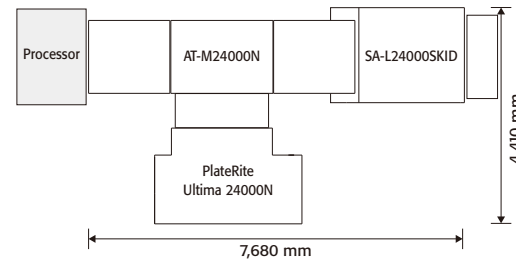
\* A comparison of the PlateRite Ultima 24000S and PlateRite Ultima 24000N-Z when a plate insertion table is used. The test involved imaging high-sensitivity material of 1,030 x 800 mm (40.5" x 31.4") at 2,400 dpi. As power consumption is also affected by the operating environment and other external factors, the above values cannot be guaranteed.

## Automation

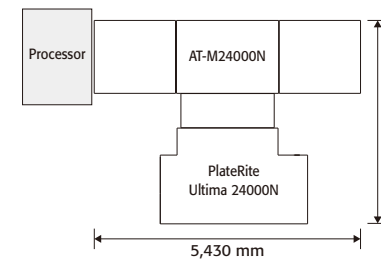
PlateRite Ultima 24000N  
+ MA-L40000 + AT-M24000N



PlateRite Ultima 24000N  
+ SA-L24000SKID + AT-M24000N



PlateRite Ultima 24000N  
+ AT-M24000N



Catalog

Movie

Overall Specification



Productivity

# PlateRite Ultima 16000N-Z/S/E

- High productivity of 42pph for 16p size plates.
- Additional 3 cassettes can be added to the autoloader at the field to upgrade it to 6 cassettes.

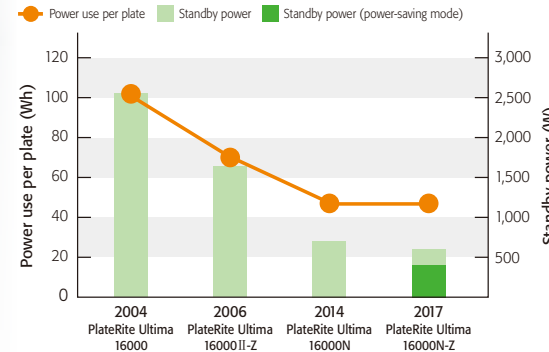


## Productivity

	1,448 × 1,143 mm
PlateRite Ultima 16000N-Z	42 pph 
PlateRite Ultima 16000N-S	29 pph 
PlateRite Ultima 16000N-E	17 pph 

- Productivity may vary depending on the sensitivity of the plates used.
- Productivity was measured during output at 2,400 dpi, with the unit connected to an MA-L multi-cassette plate autoloader.

## Ecology (SCREEN measurements)

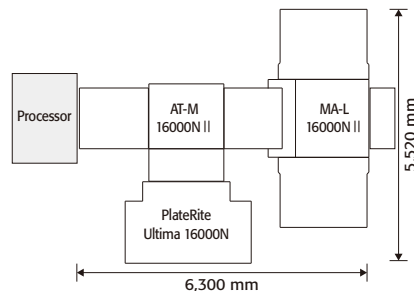


- Energy use during operation is reduced by **up to 52.7%.\***
- Energy use during standby is reduced by **up to 84.3%.\***

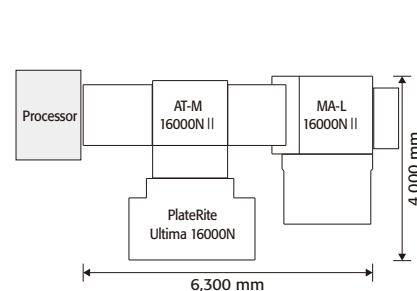
\* A comparison of the PlateRite Ultima 16000 and PlateRite Ultima 16000N-Z when a plate insertion table is used. The test involved imaging high-sensitivity material of 1,470 x 1,165 mm (57.8" x 45.8") at 2,400 dpi. As power consumption is also affected by the operating environment and other external factors, the above values cannot be guaranteed.

## Automation

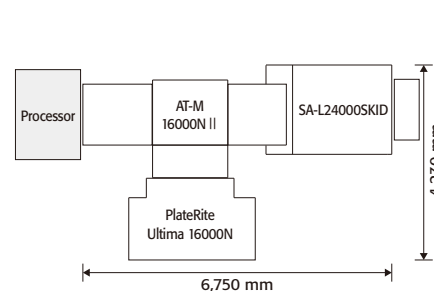
PlateRite Ultima 16000N  
+ MA-L16000NII (6-cassettes)  
+ AT-M16000NII



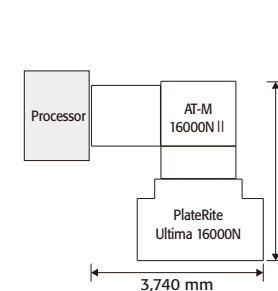
PlateRite Ultima 16000N  
+ MA-L16000NII (3-cassettes)  
+ AT-M16000NII



PlateRite Ultima 16000N  
+ SA-L24000SKID  
+ AT-M16000NII



PlateRite Ultima 16000N  
+ AT-M16000NII



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# PlateRite HD 8900N-Z/S/E

-The highest productivity of 70pph with 1,024ch GLV head.

-High definition 4,000dpi models are available for 512ch GLV head.



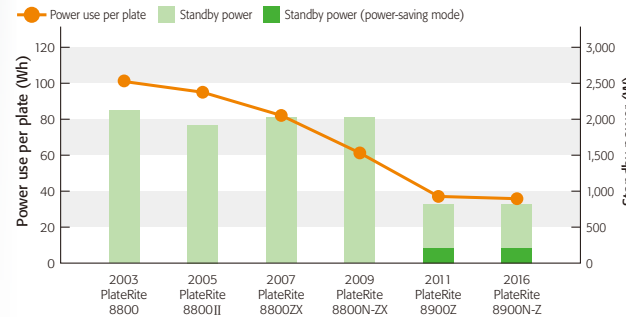
## Productivity

	1,030 × 800 mm
PlateRite HD 8900N-Z 	70 pph
PlateRite HD 8900N-S 	48 pph
PlateRite HD 8900N-E 	36 pph

- Productivity may vary depending on the sensitivity of the plates used.
- Productivity was measured during output at 2,400 dpi, with the unit connected to an MA-L multi-cassette plate autoloader.

## Ecology (SCREEN measurements)

Trends in PlateRite 8900/8800 series electricity consumption (SCREEN measurements)

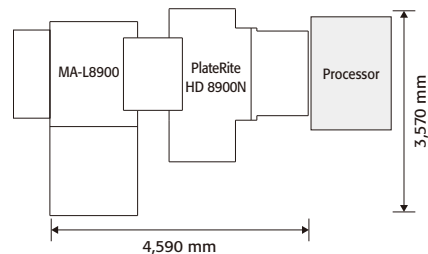


- Energy use during operation is reduced by **up to 65.6%.\***
- Energy use during standby is reduced by **up to 88.6%.\***

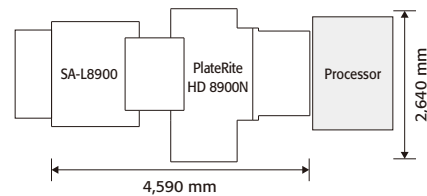
\* A comparison of the PlateRite 8800 and PlateRite 8900N-Z when used with single cassette autoloader and Built-in bridge systems. The test involved imaging high-sensitivity material of 1,030 x 800 mm (40.5" x 31.4") at 2,400 dpi. As power consumption is also affected by the operating environment and other external factors, the above values cannot be guaranteed.

## Automation

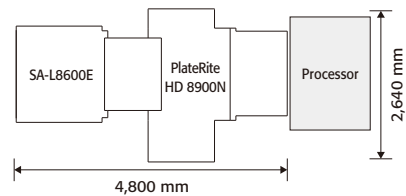
PlateRite HD 8900N  
+ MA-L8900 + Built-in Bridge 89



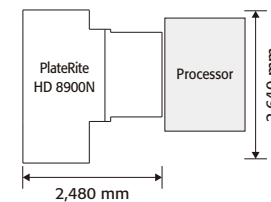
PlateRite HD 8900N  
+ SA-L8900 + Built-in Bridge 89



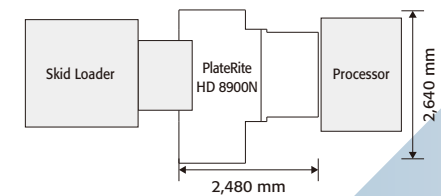
PlateRite HD 8900N  
+ SA-L8600E + Built-in Bridge 89



PlateRite HD 8900N  
+ Built-in Bridge 89



PlateRite HD 8900N  
+ Skid Loader + Built-in Bridge 89



Catalog



Movie



Overall Specification



Productivity



# PlateRite 8600NII-Z/S/E

- The highest productivity of 32pph with 96ch Fiber LD head.
- Customize options for the necessary configuration at the minimum cost.
- High definition 4,000dpi model available for 64ch Fiber LD head.
- Metal model available to support metal decorating machines (E model only).



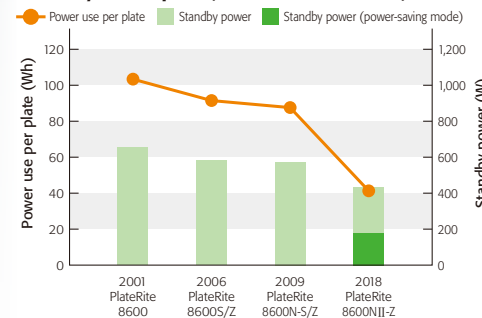
## Productivity

		1,030 x 800 mm
PlateRite 8600NII-Z	96 Channel	32 pph
PlateRite 8600NII-S	64 Channel	24 pph
PlateRite 8600NII-E	32 Channel	14 pph

- Productivity may vary depending on the sensitivity of the plates used.
- Productivity was measured during output at 2,400 dpi, with the unit connected to an MA-L multi-cassette plate autoloader.
- The specifications for Metal E model are different from the standard Z/S/E models.

## Ecology (SCREEN measurements)

### Trends in PlateRite 8600 series electricity consumption (SCREEN measurements)

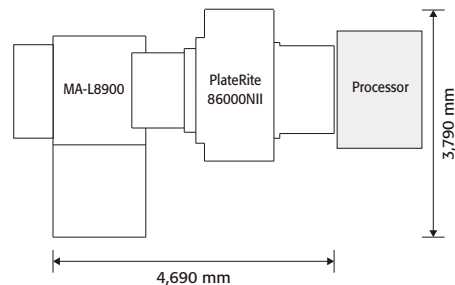


- Energy use during operation is reduced by **up to 60.1%.\***
- Energy use during standby is reduced by **up to 72.7%.\***

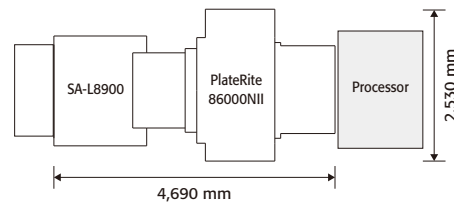
\* A comparison of the PlateRite 8600 and PlateRite 8600NII-Z when used as standalone systems. The test involved imaging high-sensitivity material of 1,030 x 800 mm (40.5" x 31.4") at 2,400 dpi. As power consumption is also affected by the operating environment and other external factors, the above values cannot be guaranteed.

## Automation

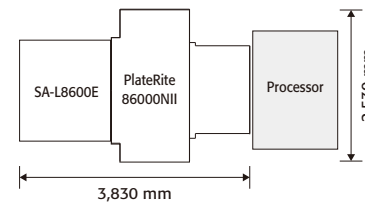
PlateRite 8600NII  
+ MA-L8900 + Built-in Bridge 89



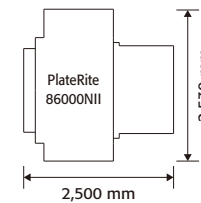
PlateRite 8600NII  
+ SA-L8900 + Built-in Bridge 89



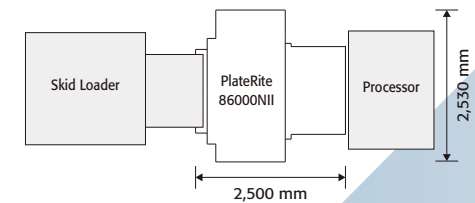
PlateRite 8600NII  
+ SA-L8600E + Built-in Bridge 89



PlateRite 8600NII  
+ Built-in Bridge 89



PlateRite 8600NII  
+ Skid Loader + Built-in Bridge 89



Catalog



Movie

Overall Specification



Productivity





# PlateRite 8600MII-ZA/SA

-Middle-low end models with automated discharge function.

-Autoloader can also be added as an option.



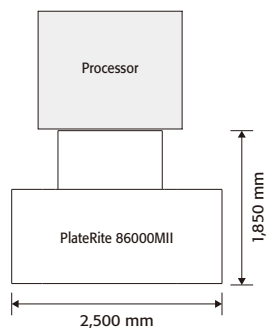
## Productivity




		1,030 × 800 mm
PlateRite 8600MII-ZA		30 pph
PlateRite 8600MII-SA		23 pph

• Productivity may vary depending on the sensitivity of the plates used.  
 • Productivity was measured during output at 2,400 dpi.

## Automation

### PlateRite 8600MII-ZA/SA



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# PlateRite 8600MII-S/E

-The most simple models with basic functions.



• PlateRite 8600MII-S/E are non-CE models.

## Productivity

		1,030 × 800 mm
PlateRite 8600MII-S	64 Channel	20 pph
PlateRite 8600MII-E	32 Channel	13 pph

• Productivity may vary depending on the sensitivity of the plates used.  
 • Productivity was measured during output at 2,400 dpi.

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## TRUST Network Service for CtP Products

### TRUST Network Service

SCREEN's TRUST Network Service maximizes the utility of the big data generated by the equipment and services.

#### TRUST Dialog

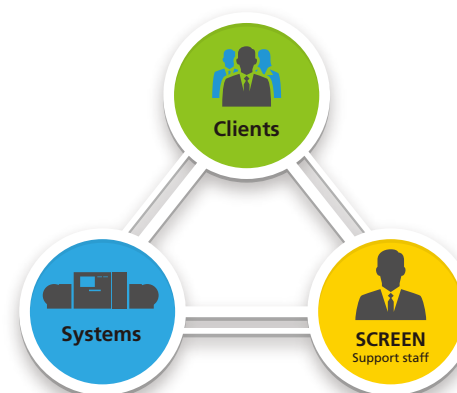
Remotely monitors the machine conditions and automatically informs the client and support staff if any error happens.

#### TRUST Assist

Support staff accesses the details of the error and remotely supports the clients to minimize the downtime.

#### TRUST Guard

Client Web pages are regularly updated with the latest maintenance information and the Dynamic Dashboard visualizes the operational analysis.



- [Catalog](#) →

# PlateRite 4600N-Z/S/E

- Advanced 4-page CtP with innovative optical technology delivering outstanding reliability.
- The highest productivity of 33pph with 64ch Fiber LD head.
- Eco-friendly models which supports a variety of process-less, chemical-free and waterless plates.

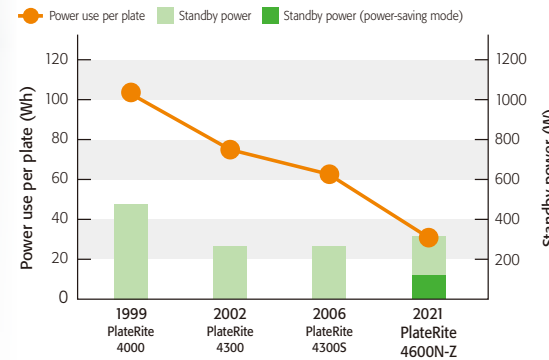


## Productivity

		724 × 615 mm
PlateRite 4600N-Z	64 Channel	33 pph
PlateRite 4600N-S	32 Channel	21 pph
PlateRite 4600N-E	16 Channel	11 pph

- Productivity may vary depending on the sensitivity of the plates used.
- Productivity was measured during output at 2,400 dpi, with the unit connected to an autoloader.

## Ecology (SCREEN measurements)

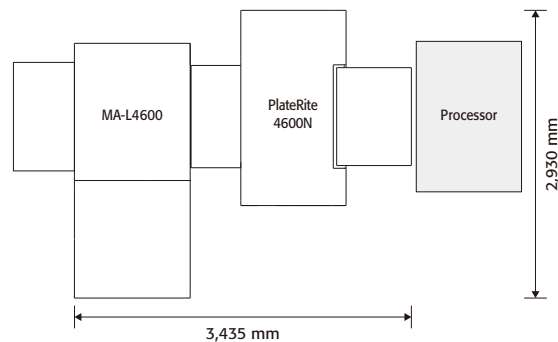


- Energy use during operation is reduced by **up to 71.2%.\***
- Energy use during standby is reduced by **up to 70.0%.\***

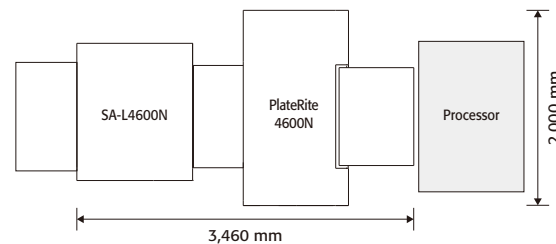
\* A comparison of the PlateRite 4000 and PlateRite 4600N-Z when used as standalone systems. The test involved imaging high-sensitivity material of 724 x 615 mm (28.5" x 24.2") at 2,400 dpi. As power consumption is also affected by the operating environment and other external factors, the above values cannot be guaranteed.

## Automation

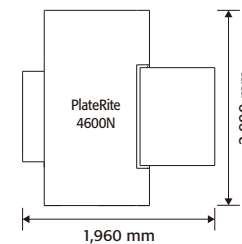
PlateRite 4600N  
+ MA-L4600 + Built-in Bridge 46



PlateRite 4600N  
+ SA-L4600N + Built-in Bridge 46



PlateRite 4600N  
+ Built-in Bridge 46



Catalog



Movie

Overall Specification



Productivity



# PlateRite FX1524N

# PlateRite FX1200N

- Flexo CtP for various markets including labels, flexible packaging, carton and corrugated packaging.
- 4,800dpi high resolution output is available as standard.
- Size upgrade is available at the field.
- Easy Operation on PlateRite FX-N Series



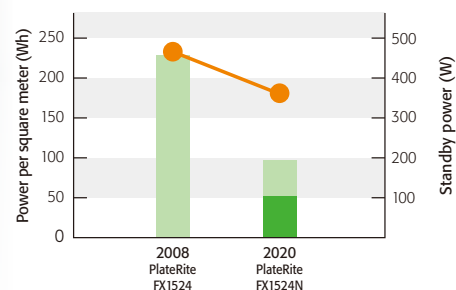
## Productivity

PlateRite FX1524N		4-6 m <sup>2</sup> /hr
PlateRite FX1200N		

• Productivity may vary depending on the sensitivity of the plates used.

## Ecology (SCREEN measurements)

● Power per square meter    ■ Standby power    ■ Standby power (power-saving mode)



• Energy use during operation is reduced by **up to 22.3%.\***

• Energy use during standby is reduced by **up to 77.4%.\***

\* A comparison of the PlateRite FX1524 and PlateRite FX1524N. The test involved imaging high-sensitivity material at 2,400 dpi. As power consumption is also affected by the operating environment and other external factors, the above values cannot be guaranteed.

## Wide range of media

Flexo plates, Letterpress plates, Dry films, Thermal offset plates (Option), Steel base plates (Option for FX870N only)

## Options for PlateRite FX-N Series



### UV LED option

The main exposure can be performed by the UV LEDs installed in the system without any manual operations.



### Thermal offset plate option

In addition to the flexo and letterpress plates, thermal offset plates can be exposed. They can be simply loaded by setting them on the plate insertion guide. The guide unit can be removed when it is not used.

Catalog



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Overall Specification



# PlateRite FX870N-S/E

- Flexo CtP mainly for labels and flexible packaging markets.
- Wide range of media can be used such as flexo, letterpress and thermal offset plates\*.
- 4,800dpi high resolution output is available as standard.
- Magnetic drum option is available for steel base plates.



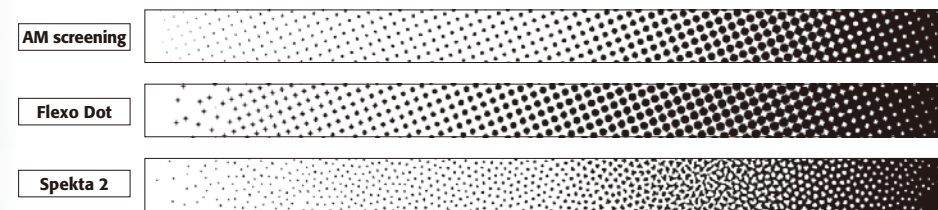
## Productivity

PlateRite FX870N-S		4-6 m <sup>2</sup> /hr
PlateRite FX870N-E		2-3 m <sup>2</sup> /hr

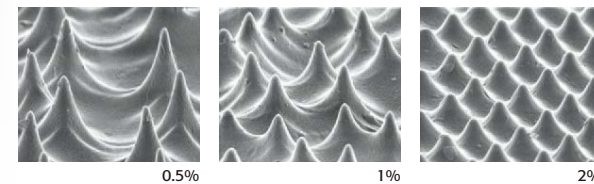
\* Productivity may vary depending on the sensitivity of the plates used.

## Perfect Combination of Flexo Dot on PlateRite FX-N Series

Flexo Dot is designed for flexo printing to provide more consistent relief patterns on the highlight areas.



### Flexo Dot 4800 dpi / 210 lpi



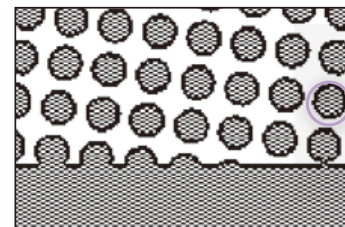
## Super Fine Cell for PlateRite FX-N Series

### Super Fine Cell

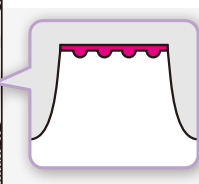
Super Fine Cell is a proprietary pattern function we developed to increase ink density and improve transfer issues that can occur in flexo printing. It forms minute indents in the plate surface that are used to retain ink, enabling a higher volume to be transferred. This function is particularly effective for increasing ink density in solid areas. The optimal pattern for any application can be elected from a wide variety of choices.



Without Super Fine Cell pattern



With Super Fine Cell pattern



Catalog

Movie

Overall Specification

# Overall Specification

Model	Productivity (pph) @2400dpi	Laser Source	Resolution (dpi)	Maximum		Minimum	Plate Thickness (mm)	Inline Press PUNCHES	Auto Loading/Unloading Options			
				Plate Size (mm)	Imaging Size (mm)	Plate Size (mm)			Single Autoloader	Multi Autoloader	Skid Loader	Conveyor
<b>VLF</b>												
PlateRite Ultima 48000	(2900x1350mm) SX: 17 SD: 14	GLV	1200/2400/2438/2540	2900x1350	2900x1335	650x550	0.3-0.4	10	×	MA-L40000	SKID48000	AT-M48000 Semi AT-M48000 Full AT-M48000 Twin
PlateRite Ultima 40000N	(2280x1276mm) ZT: 35 ZS: 24	GLV	1200/2400/2540	2280x1600	2280x1585	650x550	0.2-0.4	10	×	MA-L40000N	SKID40000N	AT-M24000II AT-M36000II AT-M24000II-S AT-M36000II-T
PlateRite Ultima 24000N	(1652x1325mm) Z: 35 S: 24	GLV	1200/2400/2540	1652x1325	1652x1313	650x490	0.2-0.4	8 Option: +4	×	MA-L40000	SKID24000 (Dec 2019)	AT-M24000N
PlateRite Ultima 16000N	(1448x1143mm) Z: 42 S: 29 E: 17	GLV	1200/2400/2438/2540	1470x1180	1470x1172	650x550 Option: 450x370	0.2-0.4	10	×	MA-L16000NII 3/6 cassettes	SKID24000 (Feb 2020)	AT-M16000NII
<b>8 Page</b>												
PlateRite HD 8900N	Z: 70 S: 48 E: 36	GLV	1200/2400/2438/2540	1165x950	1165x938	304x305	0.15-0.3 Option: 0.4	12	SA-L8600E SA-L8900	MA-L8900	3rd party I/F	AT-M8001 Built-in Bridge 89
PlateRite 8600NII	Z: 32 S: 24 E: 14	Fiber LD	1200/2400/2438/2540	1160x940	1160x924	650x370 Option: 304x370	0.15-0.3 Option: 0.4	8	SA-L8600E SA-L8900	MA-L8900	3rd party I/F	AT-M8001 Built-in Bridge 89
PlateRite 8600MII-SA/ZA	ZA: 30 SA: 23	Fiber LD	1200/2400/2540	1060x830	1060x810	450x370	0.15-0.3	×	AL8600	×	×	Standard
PlateRite 8600MII-E/S	S: 20 E: 13	Fiber LD	1200/2400/2540	1060x830	1060x810	450x370	0.15-0.3	×	×	×	×	×
<b>4 Page</b>												
PlateRite 4600N-Z/S/E	Z: 33 S: 21 E: 11	Fiber LD	1200/2400/2438/2540	830x680	830x656 Option: 830x664	324x330 Option A: 270x278 Option B: 324x278	0.15-0.3	6	SA-L4600N	MA-L4600	×	Built-in Bridge 46
<b>Flexo CTP</b>												
PlateRite FX1524N	4-6m <sup>2</sup> /hr	Fiber LD	2400/2540/4800	F/L/D: 1524x1067 T: 1165x950	F/L/D: 1494x1037 T: 1165x915	F/L/D: 200x100 T: 320x100	F/L: 0.65-6.35 D: 0.1-0.3 T: 0.15-0.3	×	×	×	×	×
PlateRite FX1200N	4-6m <sup>2</sup> /hr	Fiber LD	2400/2540/4800	F/L/D: 1200x1067 T: 1165x950	F/L/D: 1170x1037 T: 1165x915	F/L/D: 200x100 T: 320x100	F/L: 0.65-6.35 D: 0.1-0.3 T: 0.15-0.3	×	×	×	×	×
PlateRite FX870N-S/E	S: 4-6m <sup>2</sup> /hr E: 2-3m <sup>2</sup> /hr	Fiber LD	2400/2540/4800	F/L/D: 870x762 T: 870x762 SL/ST: 870x762	F/L/D: 850x735 T: 870x730 SL: 850x717 ST: 870x712	F/L/D/SL: 100x100 T: 200x100 ST: 200x100	F/L: 0.65-2.84 D: 0.1-0.3 SL: 0.65-0.95 T/ST: 0.15-0.3	×	×	×	×	×

FX-N series plate types F: Flexo plates L: Letterpress plates D: Dry films T: Thermal offset plates (Option) SL: Steel base Letterpress plates (Option) ST: Steel base Thermal offset plates (Option)

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# Productivity

Products	Head (ch)	Dual Loading	Productivity (pph) and Plate Size (mm)							
			2900x1350	2280x1276	2032x1270	1652x1325	1448x1143	1030x800	724x615	650x550
PlateRite Ultima 48000SX	1024	✔	17	20	22	24	34	42	48	50
PlateRite Ultima 48000S	512	✔	14	17	18	20	28	34	42	44
PlateRite Ultima 40000N-ZT	1024 x2	✔	–	35	38(26)	41(29)	45(32)	70	70	70
PlateRite Ultima 40000N-ZS	1024	✔	–	24	26	29	32	48	58	60
PlateRite Ultima 24000N-Z	1024	n/a	–	–	–	35	39	46	47	47
PlateRite Ultima 24000N-S	512	n/a	–	–	–	24	27	34	42	44
PlateRite Ultima 16000N-Z	1024	n/a	–	–	–	–	42	46	45	46
PlateRite Ultima 16000N-S	512	n/a	–	–	–	–	29	37	44	46
PlateRite Ultima 16000N-E	512	n/a	–	–	–	–	17	20	22	23
PlateRite HD 8900N-Z	1024	n/a	–	–	–	–	–	70	80	80
PlateRite HD 8900N-S	512	n/a	–	–	–	–	–	48	60	64
PlateRite HD 8900N-E	512	n/a	–	–	–	–	–	36	46	49
PlateRite 8600NII-Z	96	n/a	–	–	–	–	–	32	38	40
PlateRite 8600NII-S	64	n/a	–	–	–	–	–	24	31	33
PlateRite 8600NII-E	32	n/a	–	–	–	–	–	14	19	21
PlateRite 8600MII-ZA	96	n/a	–	–	–	–	–	30	36	38
PlateRite 8600MII-SA	64	n/a	–	–	–	–	–	23	28	30
PlateRite 8600MII-S	64	n/a	–	–	–	–	–	20	25	27
PlateRite 8600MII-E	32	n/a	–	–	–	–	–	13	16	18
PlateRite 4600N-Z	64	n/a	–	–	–	–	–	–	33	35
PlateRite 4600N-S	32	n/a	–	–	–	–	–	–	21	22
PlateRite 4600N-E	16	n/a	–	–	–	–	–	–	11	13

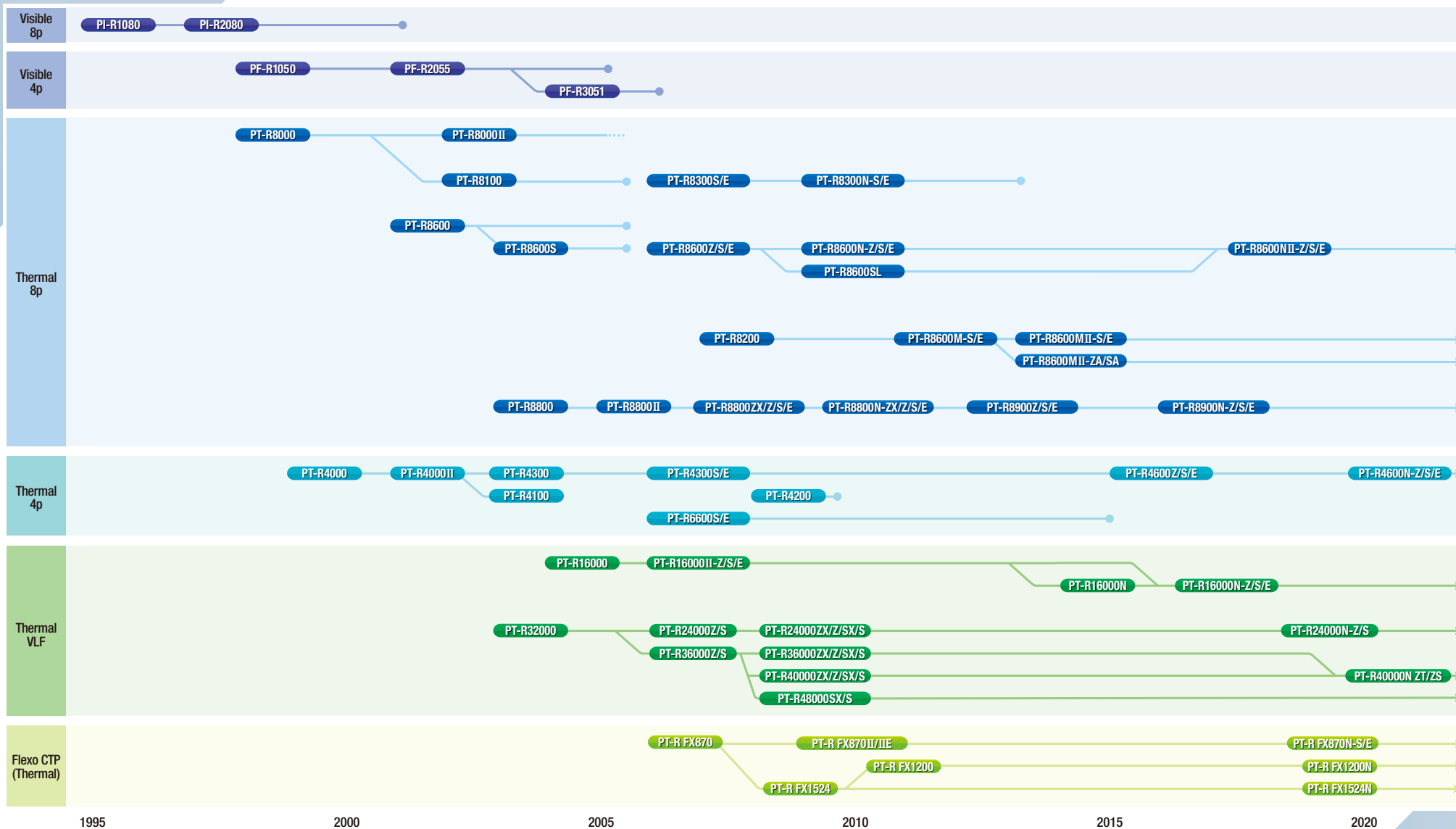
Numbers in parentheses indicate productivity when only one imaging head is used.

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