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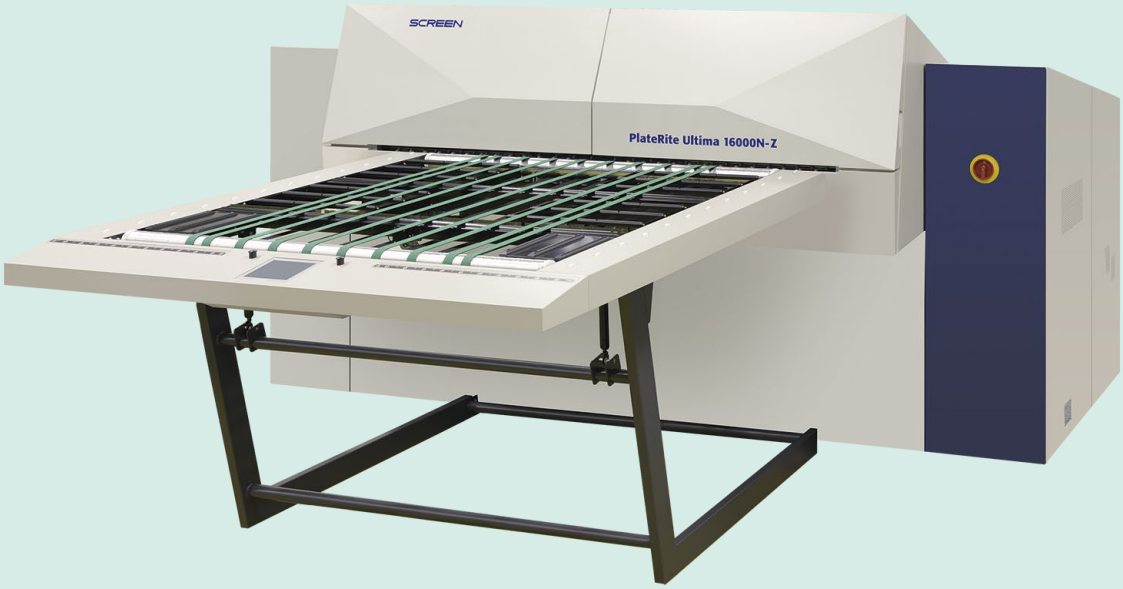
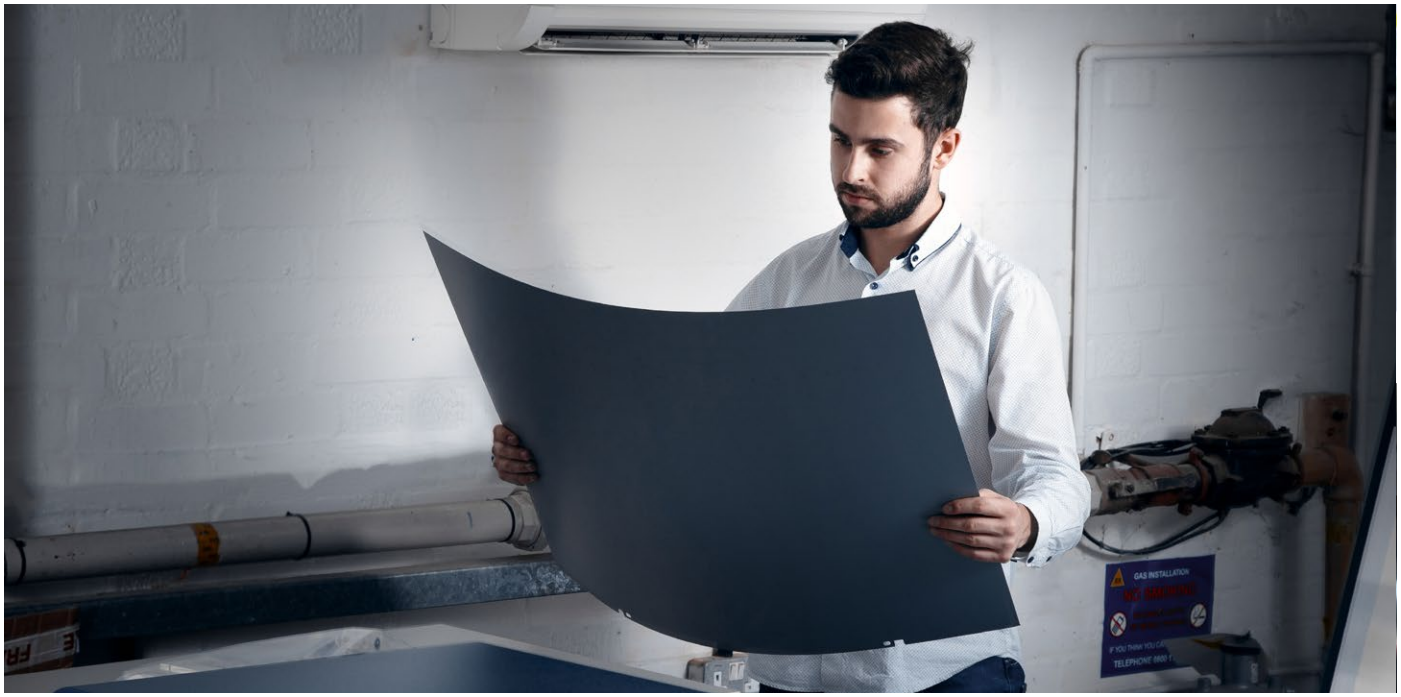


PlateRite Ultima Series

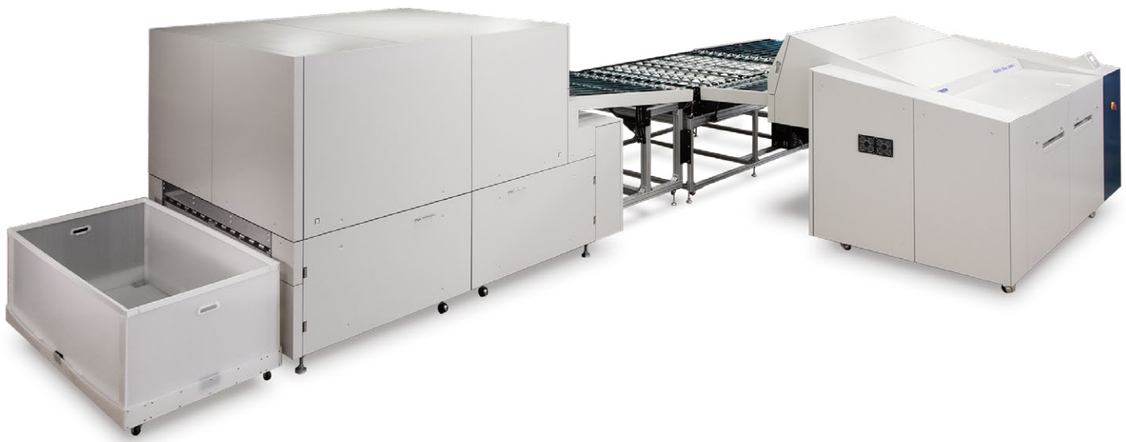
16000N, 24000N, 40000N

PRODUCT BROCHURE



Options to suit every business

VLF high speed thermal platesetters



PlateRite Ultima 16000N

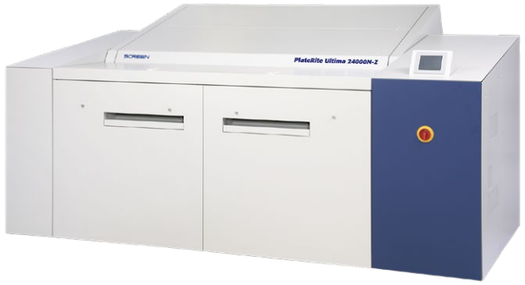
A high-performance CTP system featuring industry-leading productivity and energy efficiency that can output 42 plates per hour.

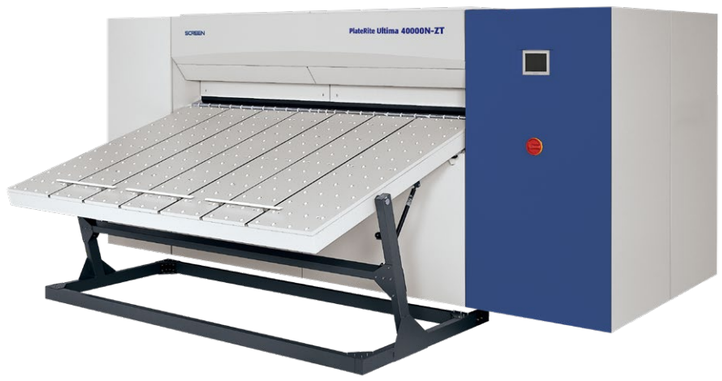
PlateRite Ultima 24000N

CtP systems with technology and productivity that can output up to 46 plates per hour with the Z series.

PlateRite Ultima 40000N

A space-saving thermal CTP unit that can output plates up to 40 A4 pages in size.





Large, multi-format output from four to 40-page

The PlateRite Ultima Series can output large-format plates up to 2,280 x 1,585mm in size. It can also output plates as small as 450 x 370mm when fitted with the optional small plate option, putting these machines in a class of their own – true multi-format platesetters.

Advanced 1,024-channel imaging head

GLV™ (Grating Light Valve) technology has been used to develop a revolutionary multi-channel imaging head that enables remarkably high-speed and high-quality exposure. This cutting-edge imaging head features up to 1,024 individual laser beams that expose plates in wide swathes, enabling the PlateRite Ultima series to deliver unbeatable throughput without sacrificing quality.

Automatic inline plate punching

With optional inline punching, plates are punched immediately before being mounted on the drum. Inline punching provides greater registration accuracy than either manual or off-line punching. It also helps eliminate human error and supports faster press make-ready. Up to ten punch blocks can be mounted in the platesetter and then selected during output according to the plate size and press type required for the job.

Reliable automatic plate loading

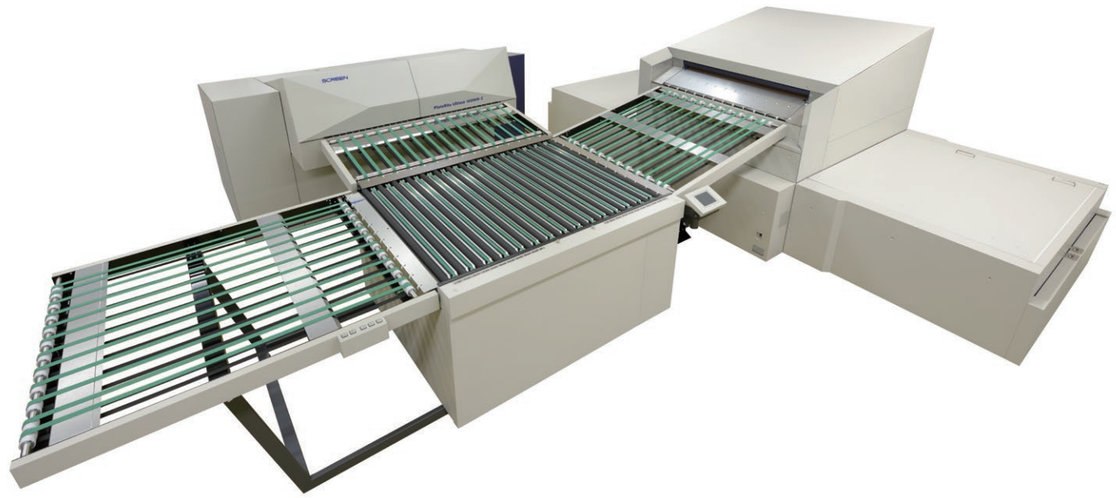
Automation is a key element in the handling of large format plates in order to maximise the efficiency of the CTP production line. The PlateRite Ultima Series units can be incorporated into an automated production line with the addition of any of a variety of plate handling equipment options.

High quality, productive plate making

The PlateRite Ultima devices achieve optimal productivity when used in conjunction with Fujifilm's range of CTP plates. The high sensitivity of the plates allows the platesetter to image at its fastest speed.

Dual plate imaging

Not only can the advanced PlateRite Ultima large-format platesetters load a single large-size plate onto the drum, some models can also load pairs of smaller plates together. Imaging pairs of plates increases productivity as plates need to be loaded and unloaded fewer times.



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Key Specifications

Name		40000N-ZT/ZS	24000N Z/S	16000N Z/S/E
Exposing method		External drum		
Light source		ZT - Dual head 1024 channel ZS - Single head 1014 channel	Z - 1 x 1024 channel laser diode S - 1 x 512 channel laser diode	Z - 1 x 1024 channel laser diode S - 1 x 512 channel laser diode E - 1 x 512 channel laser diode
Plate size	**max**	Max: 2280 x1600mm	Max:1652 x 1325mm	Max: 1470 x 1180mm
	min	Min: 650 x 550mm[1]	Min: 650 x 490mm	Min: 650 x 550mm[6]
Dual plate support		Support for two plates, max 1060 x 1600mm each	Not supported	
Imaging size		Max: 2280 x 1585mm[2] Leading edge gripper margin: 8mm Trailing edge gripper margin: 7mm	Max: 1652 x 1313mm[2]	Max: 1470 x 1172mm[6] Leading edge gripper margin: 3mm Trailing edge gripper margin: 5mm
Plate thickness		0.2 - 0.4mm[3]	0.2 - 0.4mm[7]	0.2 - 0.4mm[6 7]
Resolutions		1200[4], 2400, 2438, 2540 dpi		
Productivity (plates per hour at 2400dpi)		ZT: Up to 35 2280 x 1276mm; 70 1030 x 800mm ZS: Up to 24 2280 x 1276mm; 48 1030 x 800mm	Z: Up to 35 1652 x 1325 mm; up to 39 1448 x 1143 mm; up to 46 1030 x 800 mm. S: Up to 24 1652 x 1325 mm; up to 27 1448 x 1143 mm; up to 34 1030 x 800 mm.	Z: Up to 42 1448 x 1,143 mm; up to 46 1030 x 800 mm. S: Up to 29 1448 x 1143 mm; up to 37 1030 x 800 mm. E: Up to 17 1448 x 1143 mm; up to 20 1,030 x 800mm
Dimensions (Main unit - W D x H)		3840 x 3500 x 1795mm	3000 x 1950 x 1600 mm	2740 x 1772 x 1511 mm
Weight		3350kg	1700kg	1640kg
Power requirements		Main unit : Single phase 200 to 240 V, 6.0 kW, 30 A Chiller unit[8] : Single phase 200 to 240 V, 0.6 kW, 3 A Blower unit : Single phase 200 to 240 V, 1.2 kW, 10 A	Main unit: Single phase 200 to 240 V, 5.0 kW, 25 A Chiller unit: Single phase 200 to 240 V, 0.7 kW, 4A	Main unit: Single phase 200 to 240 V, 5 kW, 25A Chiller unit: Single phase 200 to 240 V, 0.7 kW, 4A Blower unit: Single phase 200 to 240 V, 1 kW, 10 A
Standard accessories		Manual plate loading table, chiller unit, blower unit	Chiller unit, blower unit	
Optional accessories		Punchless plate handling option, signal tower	Signal tower, manual plate loading table	
Automation options		MA-L40000N, SA-L40000N SKID[5], AT-M40000N	MA-L40000, SA-L24000 SKID, AT-M24000N	MA-L16000NII, SA-L24000 SKID, AT-M16000NII

[1]A minimum size of 500 x 550mm is offered as a factory option
[2]When the punchless plate handling option is used, the leading edge gripper margin is 5mm, trailing edge gripper is 7mm
[3]When the factory option for support of 0.5mm thick is selected, the supported plate thickness is 0.3 to 0.5mm
[4]1200 dpi uses doubled 2400dpi dots
[5]There are limits to the sizes of plates this unit can handle
[6]A minimum plate size of 450 x 370 mm and thickness of 0.15 mm (with leading edge gripper margin of 4 mm) are offered as an option. Plates wider than 590 mm and narrower than 610 mm cannot be used.
[7]With a plate thickness of 0.4 mm, only plate sizes of 900 x 770 mm and above can be used.
[8]The specification of the chiller depends on the region.

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EU2933-2 07/25