

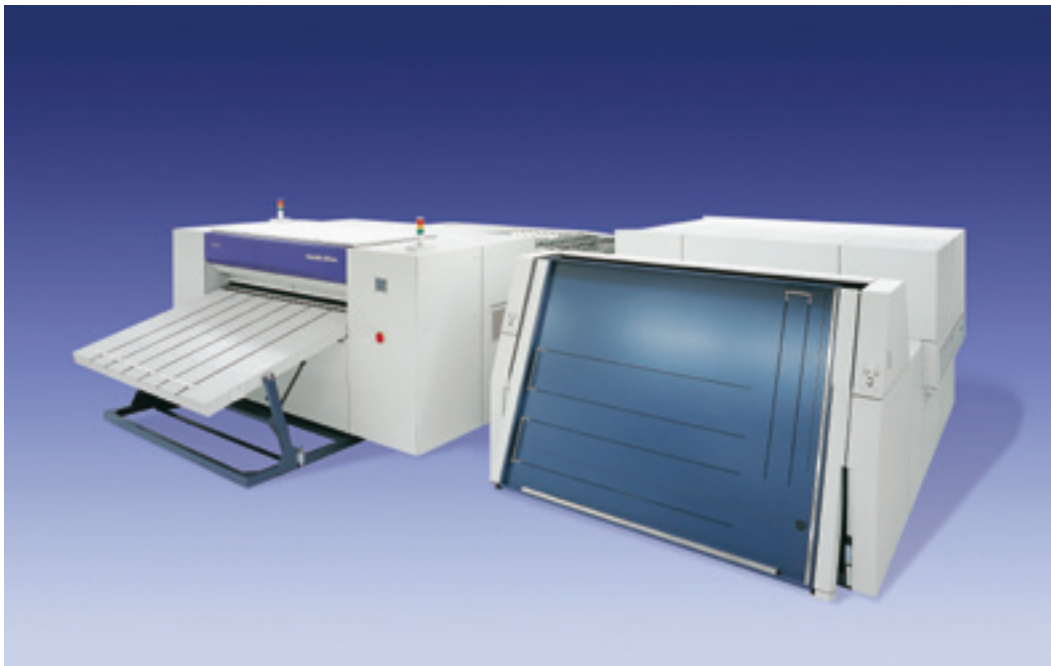


PlateRite Ultima series

PRODUCT BROCHURE

VLF high speed thermal platesetters.

Options to suit every business



Above: PlateRite Ultima 24000.

Left: PlateRite Ultima 24000 with multi-autoloader.

PlateRite Ultima 16000II

A thermal CTP unit that can output plates for large-size media, including plates up to 16 A4 pages in size.

PlateRite Ultima 24000

The same features as the PlateRite Ultima 36000 and can output plates up to 24 A4 pages in size.

PlateRite Ultima 36000

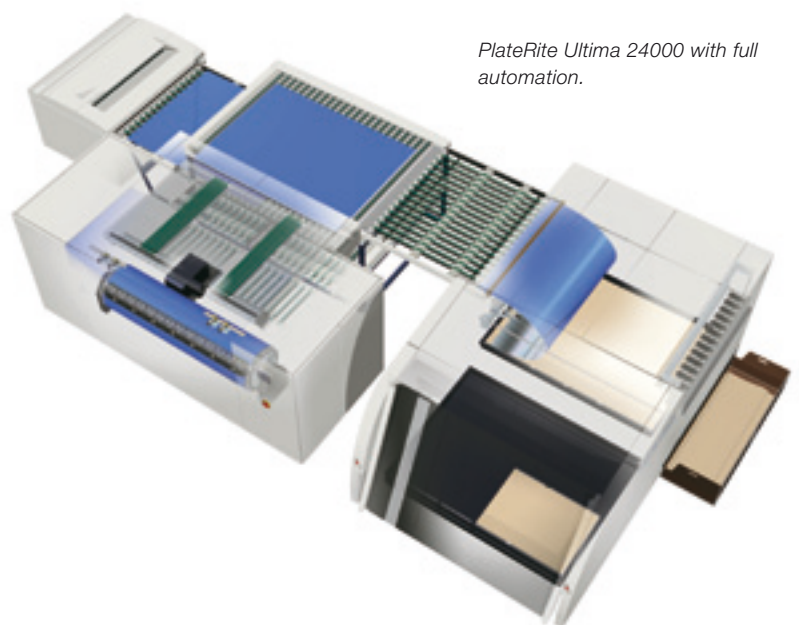
A thermal CTP unit that can output plates up to 36 A4 pages in size and features twin imaging heads for even higher productivity.

PlateRite Ultima 40000

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

PlateRite Ultima 48000

An advanced thermal CTP unit that can output plates up to 48 A4 pages in size.



PlateRite Ultima 24000 with full automation.

Large, multi-format output from four to 48-page

The PlateRite Ultima Series can output large-format plates up to 2,900 x 1,350mm in size. It can also output plates as small as 650 x 550mm, 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 Brillia thermal 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, they can also load pairs of smaller plates together. Imaging pairs of plates increases productivity as plates need to be loaded and unloaded fewer times. The PlateRite Ultima 36000 and 24000 ZX and Z series models also feature twin imaging heads that enable simultaneous imaging of two plates, for even higher production.

PlateRite Ultima 16000II with autoloader.



	48000- SX/S	40000- SX/S	36000- ZX/Z/SX/S	24000- ZX/Z/SX/S	16000II-Z/S/E
Recording system	External drum				
Light source	SX – 1 x 1024 channel laser diode S – 1 x 512 channel laser diode		ZX – 2 x 1024 channel laser diode Z – 2 x 512 channel laser diode SX – 1 x 1024 channel laser diode S – 1 x 512 channel laser diode		1 x 512 channel laser diode
Plate size	Max: 2900 x 1350mm Min: 650 x 550mm ¹	Max: 2280 x 1600mm Min: 650 x 550mm ¹	Max: 2100 x 1600mm Min: 650 x 550mm ¹	Max: 1750 x 1400mm Min: 650 x 550mm ¹	Max: 1470 x 1165mm Min: 650 x 550mm ⁶
Dual plate support	Support for two plates, max 1450 x 1350mm each	Support for two plates, max 1060 x 1600mm each	ZX/Z/SX – support for two plates, max 1060 x 1600mm each S – factory option		Not supported
Imaging size	Max: 2900 x 1335mm ² Leading edge gripper margin: 8mm Trailing edge gripper margin: 7mm	Max: 2280 x 1585mm ² Leading edge gripper margin: 8mm Trailing edge gripper margin: 7mm	Max: 2100 x 1585mm ² Leading edge gripper margin: 8mm Trailing edge gripper margin: 7mm	Max: 1750 x 1385mm ² Leading edge gripper margin: 8mm Trailing edge gripper margin: 7mm	Z/S -Max: 1470 x 1154mm ⁷ Leading edge gripper margin: 6mm Trailing edge gripper margin: 5mm E - Max: 1470 x 1157mm** Leading edge gripper margin: 3mm Trailing edge gripper margin: 5mm
Plate thickness	0.3 – 0.4mm ³	0.2 – 0.4mm ³			0.15 – 0.4mm
Resolutions	1200 ⁴ , 2400, 2438, 2540dpi				
Productivity (plates per hour at 2400dpi)	SX: Up to 17 2900 x 1350mm; up to 42 1030 x 800mm S: Up to 14 2900 x 1340mm; up to 34 1030 x 800mm	SX: Up to 22 2280 x 1276mm; up to 44 1030 x 800mm S: Up to 17 2280 x 1276mm; up to 36 1030 x 800mm	ZX: Up to 35 2032 x 1270mm; up to 70 1030mm x 800mm Z: Up to 29 2032 x 1270mm; up to 58 1030mm x 800mm. SX: Up to 24 2032 x 1270 mm; up to 44 1030mm x 800mm. S: Up to 19 2032 x 1270mm; up to 36 1030mm x 800mm.	ZX: Up to 41 1448 x 1143mm; up to 70 1030mm x 800mm Z: Up to 34 1448 x 1143mm; up to 58 1030mm x 800mm. SX: Up to 30 1448 x 1143mm; up to 44 1030mm x 800mm. S: Up to 24 1448 x 1143mm; up to 36 1030mm x 800mm.	E: Up to 17 1448 x 1143mm; up to 20 1030mm x 800mm S: Up to 25 1448 x 1143mm; up to 32 1030mm x 800mm Z: Up to 31 1448 x 1143mm; up to 39 1030mm x 800mm.
Dimensions (Main unit - W x D x H)	4600 x 2100 x 1795mm	3840 x 2100 x 1795mm			1775 x 2740 x 1515mm
Weight	4,000kg	3720kg	3720kg	3710kg	1640kg
Power requirements	Main unit: single phase 200 to 240V, 5.3 kW, 32A Chiller unit: single phase 200 to 240V, 2 kW, 8A Blower unit: single phase 200 to 240V, 1 kW, 10A	Main unit: single phase 200 to 240V, 5.2kW, 35A Chiller unit: single phase 200 to 240 V, 2kW, 8A (Z and ZX models require two chiller units) Blower unit: single phase 200 to 240V, 1kW, 10A			Main unit: single phase 200 to 240V, 5kW, 25A Chiller unit: single phase 200 to 240V, 2kW, 8A Blower unit: single phase 200 to 240V, 1 kW, 10A
Standard accessories	Manual plate loading table, chiller unit, blower unit, signal tower				Chiller unit, blower tower
Optional accessories	Punch systems, punchless plate handling option, 0.5 mm plate thickness support		Punch systems, punchless plate handling option, dual plate loading support (S model only), 0.5 mm plate thickness support		Punch systems, punchless plate handling options
Automation options	SA-L48000 Skid, MA-L40000 ⁵ , AT-M		MA-L40000, SA-L48000 Skid ⁵ , SA-L36000 Skid ⁵ , AT-M		Manual plate loading table, MA-L16000, AT-M

¹A minimum size of 650 x 550mm is offered as a factory option

²When the punchless plate handling option is used, the leading edge gripper margin is 5mm, trailing edge gripper is 7mm

³When the factory option for support of 0.5mm thick is selected, the supported plate thickness is 0.3 to 0.5mm

⁴1200 dpi uses doubled 2400dpi dots

⁵There are limits to the sizes of plates this unit can handle

⁶A minimum size of 450 x 370mm is offered as a factory option

⁷When the punchless plate handling option is used, the leading edge gripper margin is 3mm, trailing edge gripper is 5mm