

	48000- SX/S	40000- SX/S	36000- ZX/Z/SX/S	24000N Z/S	16000N Z/S/E
<b>Recording system</b>	External drum				
<b>Light source</b>	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	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
<b>Plate size</b>	Max: 2900 x 1350mm Min: 650 x 550mm <sup>1</sup>	Max: 2280 x 1600mm Min: 650 x 550mm <sup>1</sup>	Max: 2100 x 1600mm Min: 650 x 550mm <sup>1</sup>	Max: 1652 x 1325mm Min: 650 x 490mm	Max: 1470 x 1180mm Min: 650 x 550mm <sup>6</sup>
<b>Dual plate support</b>	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	
<b>Imaging size</b>	Max: 2900 x 1335mm <sup>2</sup> Leading edge gripper margin: 8mm Trailing edge gripper margin: 7mm	Max: 2280 x 1585mm <sup>2</sup> Leading edge gripper margin: 8mm Trailing edge gripper margin: 7mm	Max: 2100 x 1585mm <sup>2</sup> Leading edge gripper margin: 8mm Trailing edge gripper margin: 7mm	Max: 1652 x 1313mm <sup>2</sup>	Max: 1470 x 1172 mm <sup>6</sup> Leading edge gripper margin: 3 mm Trailing edge gripper margin: 5 mm
<b>Plate thickness</b>	0.3 – 0.4mm <sup>3</sup>	0.2 – 0.4mm <sup>3</sup>		0.2 to 0.4 mm <sup>7</sup>	0.2 to 0.4 mm <sup>6,7</sup>
<b>Resolutions</b>	1200 <sup>4</sup> , 2400, 2438, 2540dpi				
<b>Productivity (plates per hour at 2400dpi)</b>	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.	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 800 mm.
<b>Dimensions (Main unit - W x D x H)</b>	4600 x 2100 x 1795mm	3840 x 2100 x 1795mm		3000 x 1950 x 1600 mm	2740 x 1772 x 1511 mm
<b>Weight</b>	4,000kg	3720kg	3720kg	1700 kg	1640 kg
<b>Power requirements</b>	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 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
<b>Standard accessories</b>	Manual plate loading table, chiller unit, blower unit, signal tower			Signal Tower	
<b>Optional accessories</b>	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	Press punch systems (SCREEN, Heidelberg, Heidelberg & Bacher, Protocol and Komori), air lter unit (AF-190), signal tower unit	
<b>Automation options</b>	SA-L48000 Skid, MA-L40000 <sup>5</sup> , AT-M		MA-L40000, SA-L48000 Skid <sup>5</sup> , SA-L36000 Skid <sup>5</sup> , AT-M		

<sup>1</sup>A minimum size of 500 x 550mm is offered as a factory option

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

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

<sup>4</sup>1200 dpi uses doubled 2400dpi dots

<sup>5</sup>There are limits to the sizes of plates this unit can handle

<sup>6</sup>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.

<sup>7</sup>With a plate thickness of 0.4 mm, only plate sizes of 900 x 770 mm and above can be used.

### For further information:

Please contact your local Fujifilm partner.

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# PlateRite Ultima series

## PRODUCT BROCHURE

VLF high speed thermal platesetters

## Options to suit every business



Above: *PlateRite Ultima 24000N*

Left: *PlateRite Ultima 24000N with multi-autoloader.*

### **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 plate per hour with the Z series.

### **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 24000N 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 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 Superia 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. The PlateRite Ultima 36000 series models also feature twin imaging heads that enable simultaneous imaging of two plates, for even higher production.

PlateRite Ultima 16000N

