

PlateRite Ultima 24000N (main unit) specifications

	PlateRite Ultima 24000N-Z	PlateRite Ultima 24000N-S
Model name	PT-R24000N-Z	PT-R24000N-S
Recording system	External drum	
Light source	1,024 channel laser diode	512 channel laser diode
Plate size	Maximum: 1,652 x 1,325 mm (65" x 52.1"); Minimum: 650 x 490 mm (25.6" x 19.3")	
Exposure size	Maximum: 1,652 x 1,313 mm (65" x 51.6")	
Plate type	Thermal aluminum plate	
Plate thickness	0.2 to 0.4 mm (7.9 to 15.7 mil)*1	
Resolutions	1,200*2, 2,400, 2,540 dpi	
Repeatability*3	±5 microns	
Productivity*4	35 plates/hr at 2,400 dpi (1,652 x 1,325 mm / 65" x 52.1" plates) 39 plates/hr at 2,400 dpi (1,448 x 1,143 mm / 57" x 45" plates) 46 plates/hr at 2,400 dpi (1,030 x 800 mm / 40.5" x 31.4" plates)	24 plates/hr at 2,400 dpi (1,652 x 1,325 mm / 65" x 52.1" plates) 27 plates/hr at 2,400 dpi (1,448 x 1,143 mm / 57" x 45" plates) 34 plates/hr at 2,400 dpi (1,030 x 800 mm / 40.5" x 31.4" plates)
Press punch systems	Installation of up to 10 units	
Interface	Gigabit Ethernet	
Dimensions (W x D x H)	Main unit: 3,000 x 1,950 x 1,600 mm (118.2" x 76.8" x 63")	
Weight	Main unit: 1,700 kg (3,740 lb)	
Power requirements	Main unit: Single phase 200 to 240 V, 5.0 kW, 25 A; Chiller unit*5: Single phase 200 to 240 V, 0.7 kW (0.6 kW), 4 A (3 A)	
Environment	Recommended: Temperature 21 to 25°C (69.8 to 77°F); Relative humidity 50 to 70% Required: Temperature 18 to 26°C (64.4 to 78.7°F); Relative humidity 40 to 70%	
Options	Press punch systems (SCREEN, Heidelberg, Heidelberg & Bacher, Protocol and Komori), air filter unit (AF-190), signal tower unit	

*1 With a plate thickness of 0.4 mm, only plate sizes of 900 x 770 mm and above can be used.

*2 1,200 dpi uses 2,400 dpi double dots.

*3 Over four consecutive exposures on one plate at 23°C (73.4°F) and 60% relative humidity.

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

*5 The specification of the chiller depends to the region.

Manual plate loading table specifications

Plate transportation	Manual loading, manual unloading (requires interleaf paper removal)
Dimensions (W x D x H)	3,000 x 3,447 x 1,600 mm (118.2" x 135.8" x 63")
Total weight	Approx. 1,800 kg [3,960 lb]
Power requirements	Supplied by main unit

Semi-automatic specifications (AT-M24000N)

Plate transportation	Manual loading (requires interleaf paper removal), automatic unloading
Dimensions (W x D x H)	5,445 x 4,142 x 1,600 mm (214.4" x 163.1" x 63")
Total weight	Approx. 2,200 kg [4,840 lb]
Power requirements	Supplied by main unit

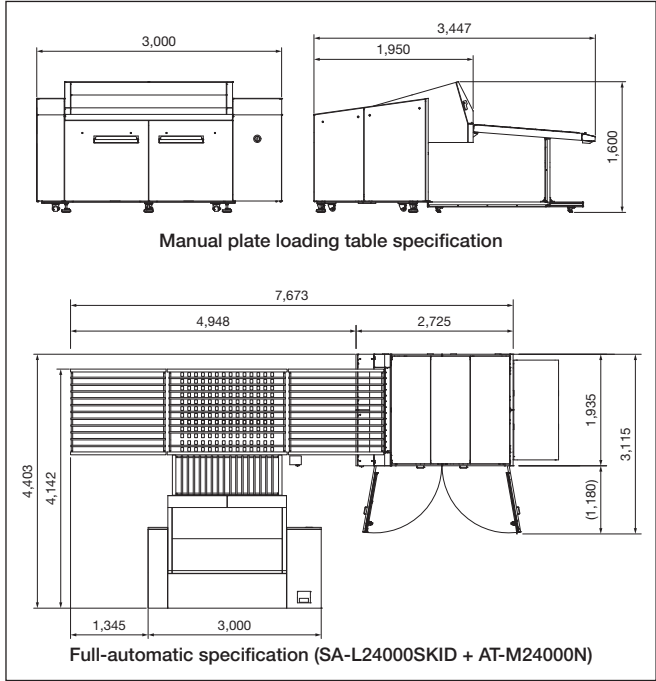
Full-automatic specifications (MA-L40000 + AT-M24000N)

Plate transportation	Fully-automatic (automatic interleaf paper removal)
Cassette capacity	75 plates (for 0.3 mm thickness)
No. of cassettes	4 cassettes
Dimensions (W x D x H)	8,810 x 4,597 x 1,850 mm (346.9" x 181" x 72.9")
Total weight	Approx. 4,800 kg [10,560 lb] (not including plates)
Power requirements	Separate supply: Single phase 200 to 240 V, 2 kW, 10 A

Full-automatic specifications (SA-L24000SKID + AT-M24000N)

Plate transportation	Fully-automatic (automatic interleaf paper removal)
Pallet capacity	600 plates (for 0.3 mm thickness)
Dimensions (W x D x H)	7,673 x 4,403 x 1,760 mm (302.1" x 173.3" x 69.3")
Total weight	Approx. 3,000 kg [6,600 lb] (not including pallet and plates)
Power requirements	Separate supply: Single phase 200 to 240 V, 2 kW, 10 A

Space requirements (unit: mm)



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SCREEN



PlateRite Ultima 24000N-Z/S

Multi-Format Thermal Plate Recorders

Advanced, next-generation CtP system
 featuring industry-leading technology and productivity



Advanced, next-generation CtP system
featuring industry-leading technology and productivity

PlateRite Ultima 24000N-Z/S



High Productivity

Up to **35** plates
per hour

For Z model (2,400 dpi, 1,652 x 1,325 mm)

Automation

Maximizes
operating ratios

Support

Boosts
operational stability

High Productivity

Industry-leading productivity enables faster turnaround

High-speed output of 35 plates per hour

Use of the latest GLV-equipped imaging heads creates significant improvements in the optical system, producing more uniform distribution of light source. A high-precision auto-focus mechanism also allows the output of our proprietary Spekta 2 hybrid screening.*

The Z model is equipped with a 1,024 channel imaging head that enables the production of an impressive 35 plates per hour. The S model also features a 512 channel head with a throughput of up to 24 plates per hour. * For supported plate types

System throughputs	24p size	16p size	8p size
	1,652×1,325	1,448×1,143	1,030×800
PlateRite Ultima 24000N-S	24 plates/hr	27 plates/hr	34 plates/hr
PlateRite Ultima 24000N-Z	35 plates/hr	39 plates/hr	46 plates/hr

Complete support for any needs

Both models are capable of handling plate sizes from 650 x 490 mm (25.6" x 21.7") all the way up to 1,652 x 1,325 mm (65" x 52.1"). This makes them a perfect fit for current large format sheetfed presses. Each system can also be equipped with a total of 10 press punches, ensuring compatibility with a wide range of presses. In addition, they support process-less plates from all major manufacturers.

Automation

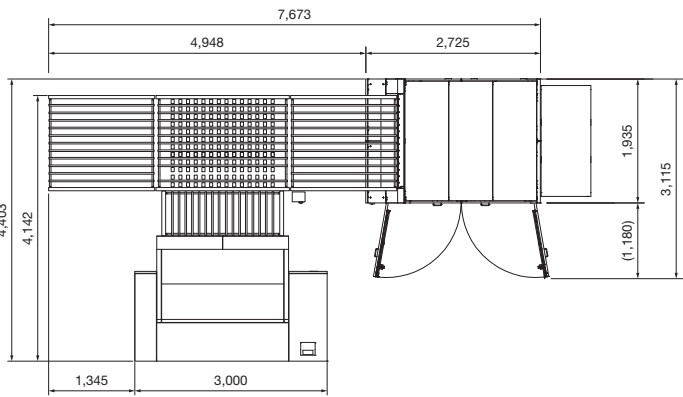
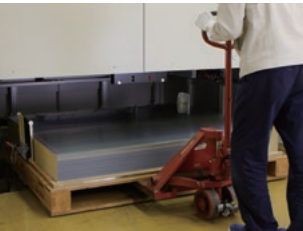
Autoloader systems boost press operating ratios

Handling a large volume of single-size plates at once SA-L24000SKID

The newly released skid autoloader, SA-L24000SKID, enables to set a pallet with maximum 600 plates* directly to the system.

Laser beams inside the skid autoloader allow an operator to set a pallet simply without any technique. Skid autoloader system also reduces the labor and eliminates the risk of damaging plates during preparation.

* For 0.3 mm thickness plates

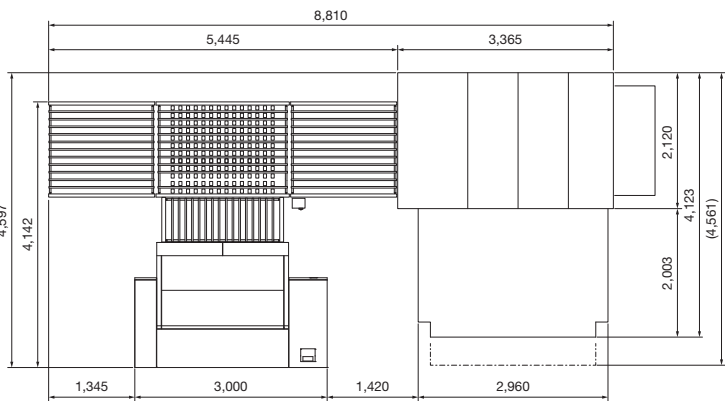


Choose the right media for the job Multi-cassette autoloader MA-L40000

The MA-L is an autoloader that can supply media as needed from any of its multiple cassettes, each of which can be loaded with a different size or type of media. The MA-L40000 features four cassettes, and can supply up to 300 plates* automatically.

It also enables extended continuous operation when using plates of the same size.

* For 0.3 mm thickness plates



Support

Advanced support boosts system reliability

Remote monitoring function

Users can easily monitor and control their system from a remote location via Web browser or e-mail.* An external PC can also be effectively used as a substitute operation panel to manage CtP settings.

E-mails are automatically forwarded to a service center, providing an in-depth understanding of the operation status of the equipment. This information can be used during maintenance and periodic inspections to ensure the system remains in optimal condition at all times. * Can be forwarded to up to five e-mail addresses

