

**SCREEN**

# PlateRite Ultima 24000N-Z/S **NEW**

Multi-Format Thermal Plate Recorders

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



Creating a Future in Print



**EQUIOS**  
ART & UX

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

# PlateRite Ultima 24000N-Z/S

**High Productivity**

Up to **39** plates  
per hour

*For Z model*

**Automation**

**Maximizes**  
operating ratios

**Support**

**Boosts**  
operational stability



**High Productivity**

**Industry-leading productivity enables faster turnaround**

## High-speed output of 39 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 39 plates per hour. The S model also features a 512 channel head with a throughput of up to 27 plates per hour.

\* For supported plate types

## 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.

### System throughputs

|                           | 1,448 x 1,143 | 1,030 x 800  |
|---------------------------|---------------|--------------|
| PlateRite Ultima 24000N-Z | 39 plates/hr  | 45 plates/hr |
| PlateRite Ultima 24000N-S | 27 plates/hr  | 34 plates/hr |

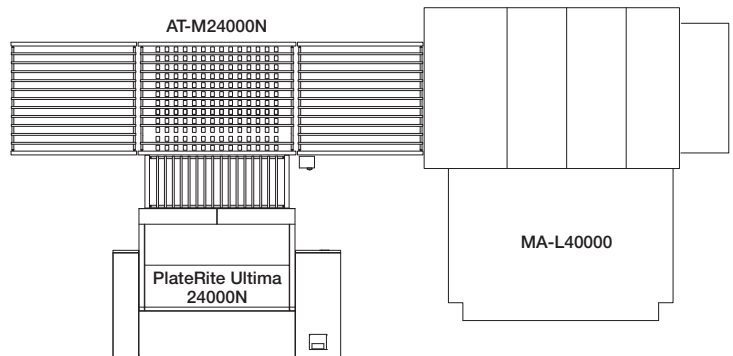
## Automation

# Autoloader system boosts press operating ratios

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

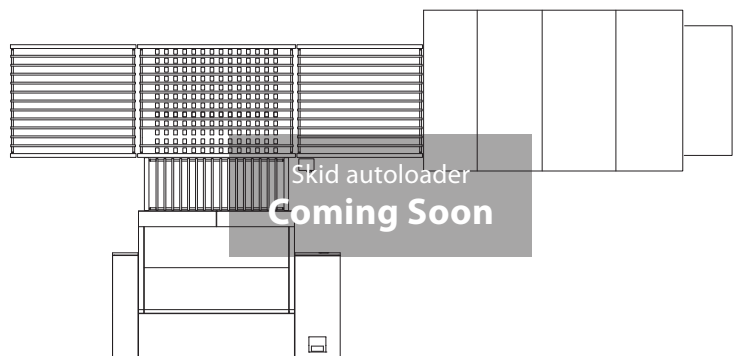
The MA-L is an autoloader that can supply media as needed from any of its multiple cassettes, each of which can be loaded with a different size or type of media. The MA-L40000 features four cassettes, and can supply up to 300 plates automatically. It also enables extended continuous operation when using plates of the same size.

\* For 0.3 mm plate



## Handling a large volume of single-size plates at once Skid autoloader

The Skid autoloader makes it possible to set an entire pallet's worth of large-size plates directly onto a unique skid base. Since a large number of plates of the same size can be set in place at once, the strain involved in plate loading is greatly reduced. The Skid autoloader is an extremely useful component for creating a fully automated CtP line. (Feature will be available in the near future.)



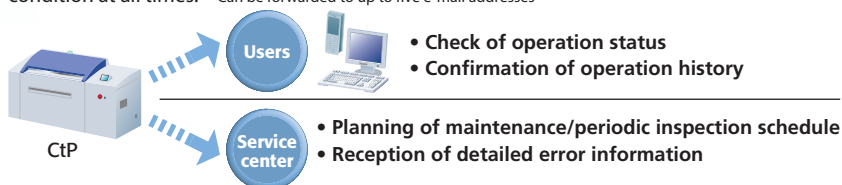
## Support

# 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



## TRUST Network Service

### Online maintenance support service

Protection of client equipment

**TRUST Guard**

**Clients**

Communication with clients

**TRUST Dialog**

**PlateRite series**

**SCREEN Support staff**

Remote assistance of clients

**TRUST Assist**



## PlateRite Ultima 2400N (main unit) specifications

|                        | PlateRite Ultima 2400N-Z  | PlateRite Ultima 2400N-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         | 39 plates/hr at 2,400 dpi (1,448 x 1,143 mm / 57" x 45" plates)<br>45 plates/hr at 2,400 dpi (1,030 x 800 mm / 40.5" x 31.4" plates)                              | 27 plates/hr at 2,400 dpi (1,448 x 1,143 mm / 57" x 45" plates)<br>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: Single phase 200 to 240 V, 0.6 kW, 3 A  |  |
| Environment            | Recommended: Temperature 21 to 25°C (69.8 to 77°F); Relative humidity 50 to 70%<br>Required: Temperature 18 to 26°C (64.4 to 78.7°F); Relative humidity 40 to 70% |  |
| Options                | Press punch systems (SCREEN, Heidel, Heidelberg W, 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.

### Manual plate loading table specifications

|                        |   |
|------------------------|---|
| Plate transport        | 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")                    |
| Weight                 | Approx. 1,800 kg [3,960 lb] (including main unit)                   |
| Power requirements     | Supplied by main unit   |

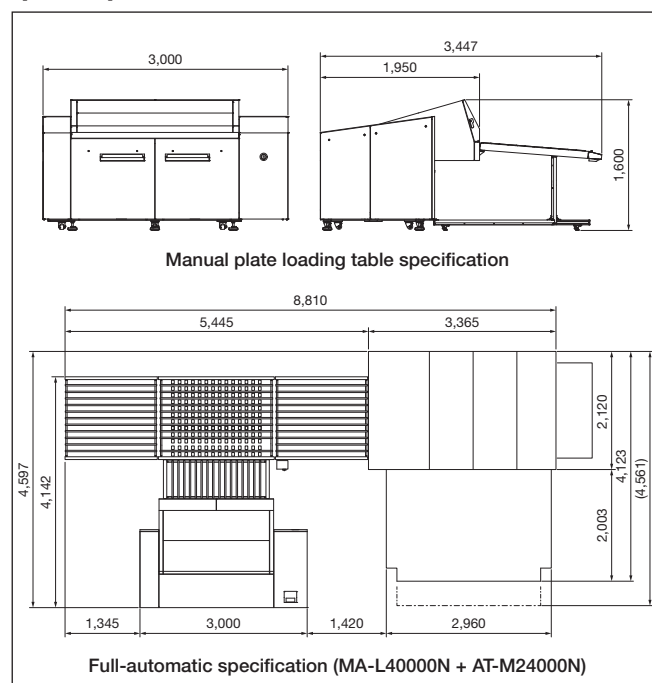
### Semi-automatic specifications (AT-M2400N)

|                        |  |
|------------------------|--|
| Plate transport        | 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")                       |
| Weight                 | Approx. 2,200 kg [4,840 lb] (including main unit)                      |
| Power requirements     | Supplied by main unit  |

### Full-automatic specifications (MA-L4000N + AT-M2400N)

|                        |   |
|------------------------|---|
| Plate transport        | 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")                                  |
| Weight                 | Approx. 4,800 kg [10,560 lb] (including main unit and AT-M, not including plates) |
| Power requirements     | Separate supply: Single phase 200 to 240 V, 2 kW, 10 A                            |

### Space requirements (unit: mm)



## SCREEN Graphic Solutions Co., Ltd.

### HEAD OFFICE

• Tenjinkita-machi 1-1, Teranouchi-agaru 4-chome, Horikawa-dori, Kamigyō-ku, Kyoto 602-8585, Japan / Tel: +81-75-414-7610

### SCREEN GP Americas, LLC

• 5110 Tollview Drive, Rolling Meadows, IL 60008, U.S.A. / Tel: +1-847-870-7400 / Fax: +1-847-870-0149 www.screenamericas.com

### SCREEN GP Europe B.V.

• Bouwerij 46, 1185XX Amstelveen, The Netherlands / Tel: +31-20-456-78-00 / Fax: +31-20-456-78-05 www.screeneurope.com

### U.K. office / Tel: +44-1932-72-5400 / Fax: +44-1582-72-5405

### SCREEN Holdings Singapore PTE. Ltd.

• 29, Kaki Bukit View, #02-00, Kaki Bukit Techpark II, Singapore 415963 / Tel: +65-6845-3288 / Fax: +65-6741-2168 www.screenasp.com.sg

### SCREEN GP China Co., Ltd.

• Room 2001 - 2003, 20/F Cable TV Tower 9 Hoi Shing Road Tsuen Wan, N.T. Hong Kong / Tel: +852-2953-0038 / Fax: +852-2755-8683 www.screenchina.com

### Shanghai office / Tel: +86-21-3126-5122 / Fax: +86-21-5218-2199

### Beijing office / Tel: +86-10-6708-9271 / Fax: +86-10-6708-9395

### Guangzhou office / Tel: +86-20-3887-9650 / Fax: +86-20-3887-9653

### SCREEN GP Taiwan Co., Ltd.

• 4th Floor, No. 126-1, Min-tsu West Road, Taipei, Taiwan R.O.C. / Tel: +886-2-2586-2711 / Fax: +886-2-2591-4367

### SCREEN HD Korea Co., Ltd.

• K-TOWER 11F, 88, Iljick-ro, Manan-gu, Anyang-si, Gyeonggi-do, 13901, Korea / Tel: +82-2-727-0860 / Fax: +82-2-727-0876 www.screen-korea.com

### SCREEN GP Australia PTY., Ltd.

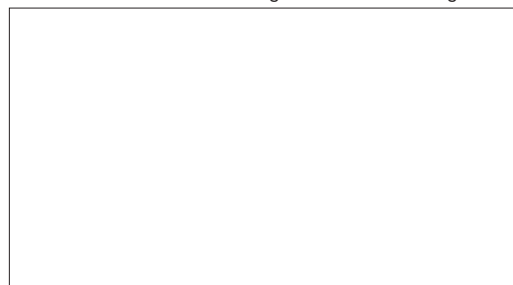
• Suite 11, 2 Eden Park Drive, Macquarie Park, NSW 2113, Australia / Tel: +61-2-9016-3400 / Fax: +61-2-9016-3425 www.screenaustralia.com.au

Internet web site : www.screen.co.jp/ga

www.screenamericas.com

www.screeneurope.com

• This brochure was made using SPEKTA 2 screening.



We reserve the right to alter product design and specifications without prior notice.

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