

# PlateRite Micra

Flatbed Violet Plate Recorder

CTP



Innovation & Reliability

# Compact, Entry-Level Plate Recorder

**THE PLATERITE MICRA, A 2-PAGE (B3) FORMAT COMPUTER TO PLATE (CTP) RECORDER FROM DAINIPPON SCREEN, IS THE PERFECT TOOL FOR USERS OF 2-PAGE PRESSES WHO WANT TO ENTER THE CTP MARKET. CTP TECHNOLOGY IS FAMOUS FOR PROVIDING HIGH QUALITY AND REPEATABILITY, AS WELL AS REDUCING MATERIALS COSTS THROUGH THE ELIMINATION OF INTERMEDIATE PROCESSES. THE PLATERITE MICRA OFFERS ALL THE BENEFITS OF CTP IN AN AFFORDABLE, HIGH-QUALITY UNIT THAT IS DESIGNED TO FUNCTION IN PLACE OF, OR SIDE BY SIDE WITH, IMAGESETTERS IN A 2-PAGE OUTPUT PRODUCTION ENVIRONMENT.**

## Affordable CTP for 2-page (B3) printing

The PlateRite Micra offers high-quality CTP output in an affordable, compact, flatbed unit. And it isn't only the initial cost of the unit that is reasonable – to help keep maintenance costs even lower, the imaging system features a long-lasting violet laser light-source. The PlateRite Micra is even space-efficient – its footprint is just 1,480 x 865 mm (58.3" x 34.1").

## High productivity and high quality

The PlateRite Micra supports plate sizes ranging from 250 x 330 mm to 516 x 580 mm (9.8" x 13.0" to 20.3" x 22.8"), and can output an impressive 23 plates/hour at 2400 dpi, all while maintaining consistently high quality. With this kind of productivity, throughput is sure to increase dramatically even with jobs that demand particularly high-quality output.

## Increased productivity with optional punch units

The PlateRite Micra can be equipped with optional internal punch units. When internal punch units are used, the plates are punched immediately after being mounted on the bed. This method provides much greater registration accuracy than either manual or offline punching, eliminates human error, and allows faster press makeready, for increased overall productivity.

## Optional autoloader cassette for 50 plate batch processing

The PlateRite Micra can be operated with an optional autoloader cassette that holds up to 50 plates. This autoloader cassette features automatic interleaf detection and removal, as well as continuous plate feeding, and enables the unit to process up to 50 plates without operator involvement. The PlateRite Micra can be connected with an optional online processor which creates a fully automated process from start to finish.



A plate being punched on the flatbed of the PT-R Micra



Standard semi-automatic loading type

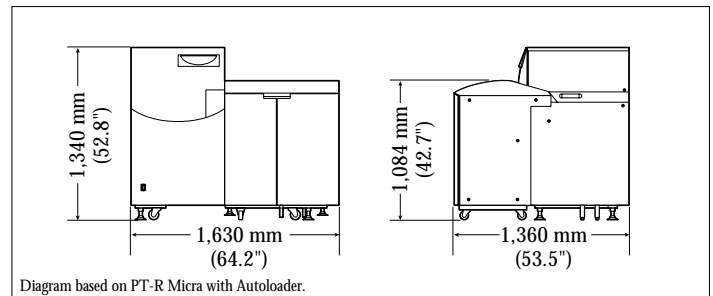
## PlateRite Micra specifications

Recording system	Primary scanning: Polygon mirror Secondary scanning: Flatbed with stepping motor
Light source	Violet laser diode
Plate size	Maximum 516 x 580 mm (20.3" x 22.8") Minimum 250 x 330 mm (9.8" x 13.0")
Exposure size	Same as plate size
Media	Violet sensitive silver halide, aluminum positive plates*
Media thickness	0.15 to 0.3 mm (5.9 to 11.8 mil)
Resolutions	1,200/2,400 dpi
Imaging speed	7.41 mm/second at both 1,200 and 2,400 dpi
Productivity	23 plates/hr at 2,400 dpi (516 x 580 mm / 20.3" x 22.8")**
Interface	16-bit SCSI-2 (single-ended)
Plate transport	Semi-automatic loading (standard) Fully automatic loading with interleaf removal (optional)
RIP	HQ-510 series
Options	Autoloader (Cassette capacity: maximum 50 plates) Extra supply cassette Punch units (up to two) Additional memory for image buffering Differential SCSI PCB SCSI cables (3 m and 20 m)
Dimensions (W x D x H)	Semi-automatic loading: 1,480 x 865 x 1,340 mm (58.3" x 34.1" x 52.8") Autoloading: 1,630 x 1,360 x 1,340 mm (64.2" x 53.5" x 52.8")
Weight	Semi-automatic loading: 395 kg (871 lbs.)/Autoloading: 525 kg (1,158 lbs.)
Environment	21 to 25°C (69.8 to 77°F), 50 to 70% relative humidity (non-condensing)
Power requirements	Single phase 200 to 240V (50/60Hz), 4A, 0.8 kW

\* A yellow light suitable for use with violet-sensitive media is required for use of the semi-automatic loading type.

\*\* With autoloader

## Space requirements



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Internet web site: [www.screen.co.jp](http://www.screen.co.jp)

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