

*High-Performance Thermal CtP System Offering Both Market-Leading High-Speed Throughput and Outstanding Quality*

# Screen Launches New Flagship Model for 16 A4-size page CtP Systems!

In recent years, to allow more efficient handling of diverse small lot jobs, the printing industry has been increasingly calling for the ability to use large-size presses to increase the number of pages imposed on a plate and also to impose multiple jobs on a single plate, with the goal of efficiently printing materials in a single run. In response, Dainippon Screen's Media And Precision Technology Company has developed the PlateRite Ultima 16000N. This new flagship model further expands the plate size for Screen's internationally highly regarded PlateRite Ultima 16000 series of 16 A4-size page thermal CtP systems and delivers both market-leading high-speed throughput and exceptional quality. The PlateRite Ultima 16000N is scheduled for release to the global market.

## Outline

With the diversification of consumer preferences and shortening of product life cycles in recent years, the printing industry has been required to provide small lot and short turnaround production, as well as lower cost materials. At the same time, companies offering online printing services and handling large volume jobs have urgently needed to speed up their operations and each year call for ever greater processing efficiency.

With these industry trends in mind, Screen has developed the PlateRite Ultima 16000N. This system will be positioned as the high-end 16 A4-size page model in Screen's world number one series of PlateRite thermal CtP systems.

The PlateRite Ultima 16000N delivers outstanding productivity with a market-leading output speed of 42 plates per hour. It is also able to handle larger plate sizes of up to 1,470 x 1,180 mm (57.8" x 46.4"), giving it the ability to process plates for almost all 16 A4-size page presses.

The PlateRite Ultima 16000N will be available with the newly released MA-L16000N, a multi-cassette autoloader capable of automatically supplying up to 420 plates. Together these systems meet the printing industries most pressing needs, providing the ability to easily handle diversified, small lot and short turnaround production.



**PlateRite Ultima 16000N**

## Features

- ▶ With its 16 A4-size page thermal CtP capabilities, the PlateRite 16000N achieves market-leading high-speed output of up to 42 plates per hour\* and exceptional productivity.
- ▶ It is also equipped with the latest GLV™\*\* head, which has gained a reputation for its excellent performance in the PlateRite HD 8900, Screen's flagship model for 8 A4-size page thermal CtP systems.
- ▶ The plate size has been expanded to 1,470 x 1,180 mm (57.8" x 46.4")\*\*\*, ensuring compatibility with almost all 16 A4-size page printing presses.
- ▶ In addition to S-PIF, Gigabit-Ethernet can be selected for connecting to the RIP. The RIP and CtP systems can be installed in separate rooms, providing more flexible layout possibilities.
- ▶ Connecting the newly launched MA-L16000N allows the construction of a fully automatic line with automatic supply of up to 420 plates measuring up to 1,470 x 1,180 mm (57.8" x 46.4").

\* Printing conditions: plate size of 1,448 x 1,143 mm (57" x 45"), resolution of 2,400 dpi  
 \*\* Grating Light Valve and GLV are the trademarks of Silicon Light Machines (Sunnyvale, USA).  
 \*\*\* Current PlateRite Ultima 16000IIZ/S/E models are able to handle a maximum plate size of 1,470 x 1,165 mm (57.8" x 45.8").

### CtP (Computer to Plate)

A technique that uses a laser to image digital printing data directly onto a plate.