

## SCREEN Develops CtP System with Special Specifications That Support Metal Decorating Machines

SCREEN Graphic Solutions Co., Ltd. (SCREEN GA) has finalized development of its PlateRite 8600NII-E Metal, a new system with special specifications designed to support metal decorating machines. It joins the company's PlateRite 8600NII series of 8 page thermal CtP units, which are known for delivering an optimal balance of productivity and exposure quality. Sales of the PlateRite 8600NII-E Metal will begin worldwide this April.

### Outline

Previously when printing on metal, it was common to use 16 A4 page thermal CtP systems to expose plates. However, in many cases, these systems were too large compared to the sizes required for the plates. Since the dimensions and installation space were excessive for customers, there were increasing needs of optimal CtP units for metal decorating machines.

With these industry trends in mind, SCREEN GA sought advice from Fuji Kikai Kogyo Co., Ltd., who has the major market share for metal decorating machines, particularly in Japan and other parts of Asia. Based on this input, SCREEN GA developed the PlateRite 8600NII-E Metal, a new unique 8 A4 page thermal CtP system. Specifications such as its unit and media sizes are all optimized to support metal decorating machines.

The system will be sold as a special model of the PlateRite 8600NII series and will feature a larger drum that enables it to handle plate sizes of up to 1,160 x 1,040 mm (45.6" x 40.9"). It is also equipped with a high output fiber laser diode head and achieves a throughput of up to 13 plates per hour.\*

In addition, the improved transportation mechanism allows it to maintain the same unit size as conventional models, resulting in significant space savings. Compared to 16 A4 page CtP systems, its installation footprint is reduced by around 50%. In this way, the PlateRite 8600NII-E Metal enables the production of higher quality plates for metal decorating machines while also achieving important space savings.

SCREEN GA has also developed the SA-L8600E, a new autoloader with special specifications that allow it to automatically feed plates to the PlateRite 8600NII-E Metal. The specialized SA-L8600E features a larger tray size which is designed for the new CtP system. It enables extended continuous operation with both improved usability and efficiency.

As a global leader in CtP technologies, SCREEN GA will continue working to meet the diverse needs of the printing industry. It is fully committed to the industry's long-term growth.



**PlateRite 8600NII-E Metal, SA-L8600E**

\* At 2,400 dpi with 1,160 x 1,040 mm (45.6" x 40.9") plates.