

Provides Leading Technologies and Functions Carefully Selected from the PlateRite Series Packaged in a Compact Body

Screen Releases New High-End Thermal CtP Model for Emerging Countries!

The rapid economic development being experienced by emerging countries is also leading to a growing demand for printed materials. As this occurs, printing companies in these countries are increasingly indicating that while they would like to shorten prepress processes and improve quality, further expanding productivity also remains a priority. To meet these needs, Dainippon Screen's Media And Precision Technology Company has released the PlateRite 8600MII-ZA.

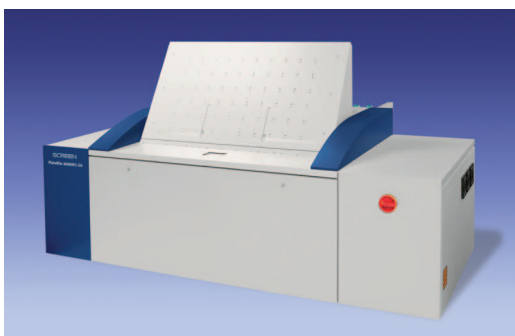
This new high-end model for Screen's PlateRite 8600MII thermal CtP series, known for its outstanding cost performance, is capable of outputting up to 30 plates per hour as a semi-automated model. The PlateRite 8600MII-ZA will be launched primarily for markets in emerging countries around the world.

Outline

Particularly in emerging countries such as China and India, companies have been progressively restructuring printing processes by transitioning from computer to film (CtF) to CtP, helping to improve both production capabilities and quality. Additionally, as printing demand grows along with domestic consumption, there has been an increasing requirement for greater processing speeds. Together these factors have quickly accelerated the need to switch to CtP, with its ability to maintain printing speeds while delivering exceptional cost performance.

In response, Screen has developed the PlateRite 8600MII-ZA specifically for emerging countries. This new model will be positioned as the high-end system for its PlateRite 8600MII thermal CtP series. The PlateRite 8600MII-ZA provides capabilities including an output speed of 30 plates per hour and semi-auto function for discharging exposed plates from the output section to an automatic processor, all packaged in a compact body.

Screen will continue to meet the ever-changing needs of the printing industries in emerging countries, with the goal of further increasing its own business as these markets continue their rapid growth.



PlateRite 8600MII-ZA

Features

- ▶ This compact model is equipped with highly respected optical and transfer technologies inherited from Screen's world number one* series of PlateRite thermal CtP systems and carefully selected core functions for the creation of printing plates.
- ▶ Output of up to 30 plates** per hour is possible.
- ▶ The system is equipped with a high-precision transfer mechanism and exposure heads, and is able to output using FM screening.
- ▶ Once plates are set in the input section, this semi-automated model advances them through mounting on the exposure drum, exposure and finally discharge. It is also possible to connect inline to an automatic processor, helping to further increase productivity.

* Based on our research

** Printing conditions: plate size of 1,030 x 800 mm (40.5" x 31.4"), resolution of 2,400 dpi

CtP (Computer to Plate)

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