

Case Study

Application: Roll-to-Roll Label Printing



Saijet SJ-WL6160 Printer



FireEdge™ UV LED Curing Light Source

- Proven Reliability
- Superior Performance
- Innovative Technology

Saijet Chooses Phoseon's UV LED Curing Products for Roll-to-Roll UV Inkjet Label Printer

Saijet announced the launch of their SJ-WL6160 roll-to-roll digital color inkjet printer with available UV LED pinning capability at the Beijing International Packaging Fair in June 2010. The system was shown at the booth of Tianjin Masterwork Machinery Co., Ltd. The Saijet printer is the latest single pass UV inkjet system to utilize Phoseon's FireEdge™ system for "pinning" of the ink droplets to control drop gain and provide superior image quality.

The FireEdge is designed as a simple, low cost, small form factor UV LED system for "pinning" applications where the requirement is to "freeze" the ink jet drop without fully curing. The first product of this family is air cooled and has a native emitting area of 75mm x 5mm but systems can be scaled linearly in 75mm increments

without affecting pinning uniformity. This high intensity UV light "bar" is particularly suited for UV inkjet pinning.

"FireEdge has proved its capability in several production UV inkjet systems" commented Tommy Yuen, Sales Manager Asia for Phoseon Technology, "and we expect the Saijet SJ-WL6160 roll-to-roll digital color inkjet printer will once again prove the image quality advantages provided by UV LED pinning systems."

As the world leader in delivering high power, UV LED technology, Phoseon Technology pioneered the Semiconductor Light Matrix (SLM™). With SLM technology, OEMs can manufacture the environmentally cleanest, coolest operating, and most efficient UV-based systems commercially available.

Beijing International Packaging Fair

The China International Packaging Fair 2010 is a grand meeting for the world packaging industry. The exhibition halls cover 60,000 square meters and nearly 1000 packaging enterprises and tens of thousand professional visitors. So it is the best stage for all enterprises to demonstrate their images. China market with stable increase has attracted mainly global packaging and printing enterprises to gather in the China. It has a huge market, so it has become a most potential packaging market that has the fastest development speed and the largest scale in the world and it makes China the second largest powerful packaging country behind America.