



YAN TAI HENGLI LABEL PRINT CO., LTD SELECTS DUPONT™ CYREL® FAST THERMAL FLEXOGRAPHIC PLATE MAKING SYSTEM, DELIVERING IMPROVED PLATE MAKING



Hengli Label Print Co., Ltd. in Yan Tai, China

BACKGROUND

Founded in 1986 and located in the beautiful tourist city of Yan Tai, Hengli Label Print Co., Ltd. is among the most innovative and influential label printing companies in North China. The company provides a full portfolio of label solutions to fit the needs of different customers and segments.

CHALLENGE

The label printing segment is consistently offering new innovations and technologies. The challenge for label printing companies is to first identify the most advanced technologies and then to proactively implement a change.

In the past, Hengli outsourced its platemaking job to a third party, eventually learning how to do this work internally. The team committed to learn everything about making plates including analogue plates, digital plates, solvent-based plates, and water-based plates. Even with this knowledge, Hengli was looking for a more advanced and simplified technology, enabling the production of high quality, consistent plates. They also wanted to improve efficiency and shorten their delivery time.

SOLUTION

At China Print 2017, Hengli had the opportunity to learn more about the DuPont™ Cyrel® FAST 2000 TD. Shi Xuefei, General Manager of Yantai Hengli Label Print Co., Ltd. said, “The traditional solvent plate-making process requires chemical solvents with emissions that are not environmentally friendly. The process of washing and drying results in solvent expansion and shrinkage of plates. There are many variables that affect the stability of platemaking – such as the quality and balance of the solvent, the temperature control of the solvent, the pressure control of the brush, the temperature control of the dryer, and keeping the drying time consistent.”

The biggest advantage of the thermal workflow for platemaking is that it is a solvent-free process, without drying issues or the possibility of plate expansion. Platemaking speed is much faster, stability is improved, and the process is simplified.

“At first, we had an internal debate about whether it was valuable to implement the use of a thermal workflow,” said Shi. “This decision required us to change our existing process and both our pre-press and production operators have to move out of their comfort zones. Hengli focuses on long term development and knew the platemaking process could be shortened from 4 hours to 50 minutes, increasing the efficiency five-fold. At the same time, the variables that could affect the quality of a printing plate will be reduced and the stability of platemaking will improve,” he said.

“The relationship between Hengli and DuPont can be traced back to the 1990s. In addition to the recognition and trust we have in DuPont products, we share the same values around environmental protection and sustainable growth,” said Liu Benwang, president – Hengli. “Hengli is committed to be a strong corporate citizen committed to saving resources and reducing our environmental footprint. In the prepress process, we used the Cyrel® FAST1001 TD thermal workflow eliminating the use, storage, recovery and treatment of solvent in the whole process.”



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RESULT

In May 2018, a Cyrel® FAST 1001 TD Thermal Flexo Plate Processor and Cyrel® 1000 ECLF were installed successfully at Hengli. They are also expecting an ESKO CDI 4835 to be delivered soon. With this new system in place, Hengli has stepped into a new and sustainable platemaking era.



Left to right side: Xuefei Shi – General Manager of Hengli, Siming Luo – Sales Manager – Greater China – DuPont Advanced Printing, Liang Liu – Prepress Manager of Hengli

ABOUT DUPONT™ CYREL® FAST SYSTEM

The DuPont™ Cyrel® FAST thermal process is an innovative and efficient environmentally-friendly plate processing technology which uses a solvent-free thermal platemaking process. The Cyrel® FAST thermal flexographic plate processor produces plates in less than one hour. The Cyrel® FAST 1001 TD uses a unique thermal management system and a multiple roller design to deliver consistent plate dimensions and efficiency, especially suitable for the thin (1.14cm) plates commonly used for tag and label applications.

**For more information on DuPont™ Cyrel® or other
DuPont Packaging Graphics products, please visit our
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