

## Chiyoda and SCREEN Agree to Drive Digital Printing of Flexible Packaging

Kyoto, Japan – October 4, 2023 – Chiyoda Gravure Corporation and SCREEN Graphic Solutions Co., Ltd. (SCREEN GA) have reached an agreement that will see them work together to drive the use of digital printing for flexible packaging materials. The initiative will utilize SCREEN GA's Truepress PAC 830F, a new water-based digital inkjet system that is capable of full-scale production of small to medium lot jobs.



Chiyoda President Hiroyoshi Sato (left) and SCREEN GA President Yukiyoshi Tanaka formalize their companies' collaborative agreement.



**Truepress PAC 830F**

Please download the photos from  
[www.screen.co.jp/en/about/nr-photo\\_2023](http://www.screen.co.jp/en/about/nr-photo_2023)

In recent years, as countries worldwide have increasingly moved to create a sustainable society, the packaging industry has also seen a growing need for more environmentally conscious production methods and greater responsibility in its supply chain. At the same time, maturing consumer preferences have also created a trend toward diversified small lot production using flexible packaging.

While gravure printing has been the standard across the industry until recently, this method is best suited to large print runs. When it is used for small to medium lot work, a number of problems arise, including low productivity, significant strain on operators and considerable losses due to the discarding of unused products. Naturally, these issues have led affected companies to search for potential solutions.

Against this backdrop, Chiyoda and SCREEN GA have recently worked together to install the Truepress PAC 830F at Chiyoda's facility. SCREEN GA has specifically developed this water-based digital inkjet press to enable full-scale mass production of small to medium lot jobs. Both companies have agreed to jointly drive the increased use of digital printing for flexible packaging, with the shared aims of expanding target applications for the Truepress PAC 830F as a production system, constructing an improved digital workflow, and identifying and resolving various issues that occur in small to medium lot production processes.

The two companies intend to pursue this initiative based on Chiyoda's corporate philosophy of "Trust, continuous growth and human resource development" as well as the SCREEN Group's corporate purpose of "Innovation for a Sustainable World." In addition to making a social contribution, they hope to upgrade the working environment at production sites for flexible packaging and deliver print quality that will make the world an ever more colorful place. The two companies cooperate closely in order to achieve the necessary technological innovations.

Going forward, both companies plan to focus on using the current collaborative framework to develop solutions for longstanding issues related to small and medium lot work under actual production conditions. At the same time, they have also set themselves the wider goal of constructing an optimal production flow that will contribute to the continuing digital transformation of the flexible packaging market.

### **Chiyoda Gravure Corporation**

Chiyoda is involved in the planning, development and production of items in a wide range of fields, including construction materials, industrial materials and information publications, in addition to its operations in packaging markets such as those for flexible packages, shrink labels and in-mold labels. The company is actively engaged in various projects to create new added value. As well as applying its converting technologies, utilizing a combination of decoration, functionalization and 3D processing, to design environmentally friendly packaging materials for foodstuffs, it uses data analysis to create systems that can improve both productivity and quality.

[www.chiyogra.co.jp](http://www.chiyogra.co.jp)

### **SCREEN Graphic Solutions Co., Ltd.**

SCREEN GA is a core group company of SCREEN Holdings and also one of the world's leading manufacturers of graphic arts equipment. It has utilized the image processing and inkjet technologies developed by the SCREEN Group over many decades to create an extensive lineup of digital presses for print areas ranging from transaction and commercial to label and flexible packaging. SCREEN GA also offers market-leading workflow solution products such as EQUIOS, as well as a full selection of RIP, CtP and other systems.

[www.screen.co.jp/ga](http://www.screen.co.jp/ga)

Note: Truepress and EQUIOS are registered trademarks and/or trademarks of SCREEN Holdings Co., Ltd. in Japan and/or certain other countries.

### **Contacts:**

Chiyoda Gravure Corporation  
Packaging Department  
Phone: +81-3-3492-0311

SCREEN Graphic Solutions Co., Ltd.  
Sales Promotion Department, Business Management Division  
Phone: +81-774-46-6402