

# bakgravür

*Premium quality flexo plate  
making with award-winning,  
innovative technologies*

Speed, maximum dot gain,  
outstanding consistency...



[www.bakgravur.com.tr](http://www.bakgravur.com.tr)

## Always repeatable and consistent plate quality...

With our philosophy of change and continuous development and our innovative perspective, **we aim to produce 10,000 square meters of flexo plate** annually with our new investments, **KODAK FLEXCELL NX and ESKO CDI CRYSTAL**, developed with the latest technology in order to provide product diversity and superior quality, by following the market trends driven by the demands of our valued customers.

## Our machine park

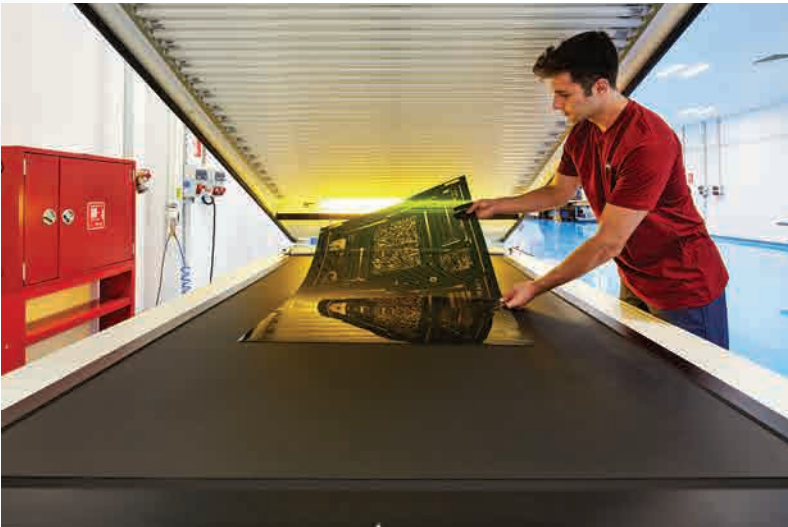
### ↳ ESKO CDI CRYSTAL 5080 XPS

Esko's innovative flexo plate making solution, **CDI Crystal 5080 XPS**, was awarded the **Red Dot Award for Best Product Design 2017 by an independent international jury of over 40 master designers in a competition**, where product designs from brands such as **HP, Polycom, La Cimbali and Bosch** from 54 countries participated.



## ➤ **KODAK FLEXCEL NX**

**Kodak Flexcel NX** was chosen by PIA (Printing Industries of America) as the most innovative development in terms of resolution, consistency, efficiency and print quality in preparing digital flexo printing plates.



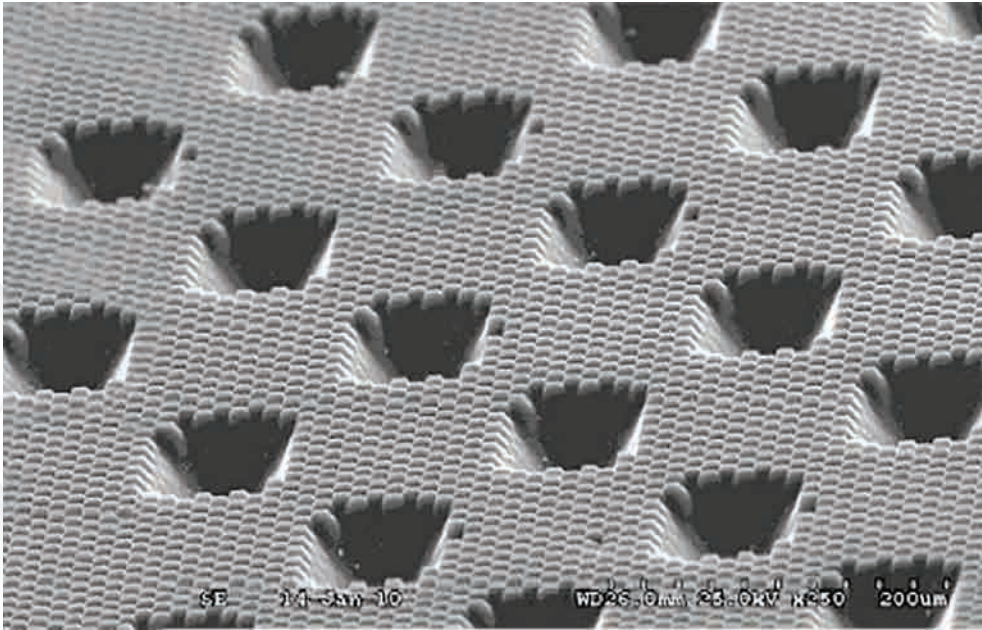
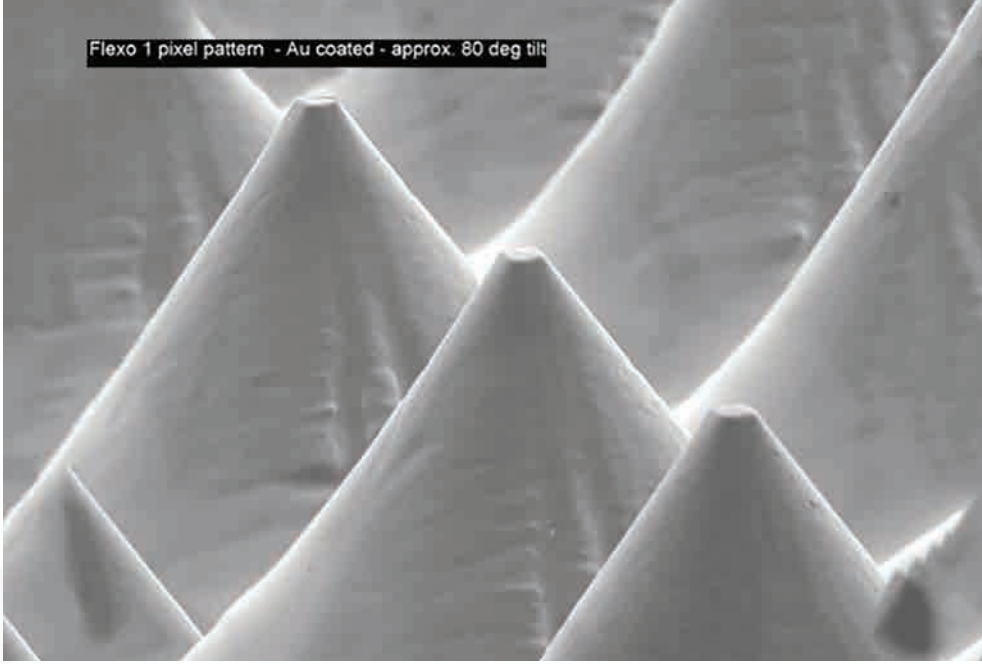
With KODAK NX's 'Digicap' and ESKO's 'Crystal' components newly developed with the latest technology, we offer:

- ***Always repeatable and consistent plate quality***
- Maximum dot gain
- Cleaner details and smoother transitions
- High contrast ratio for more vivid visual impact
- ***Less than 1% dots with improved optical density and print quality***
- Durability and ease of use
- Speed and convenience in print settings
- ***Improved ink transfer***



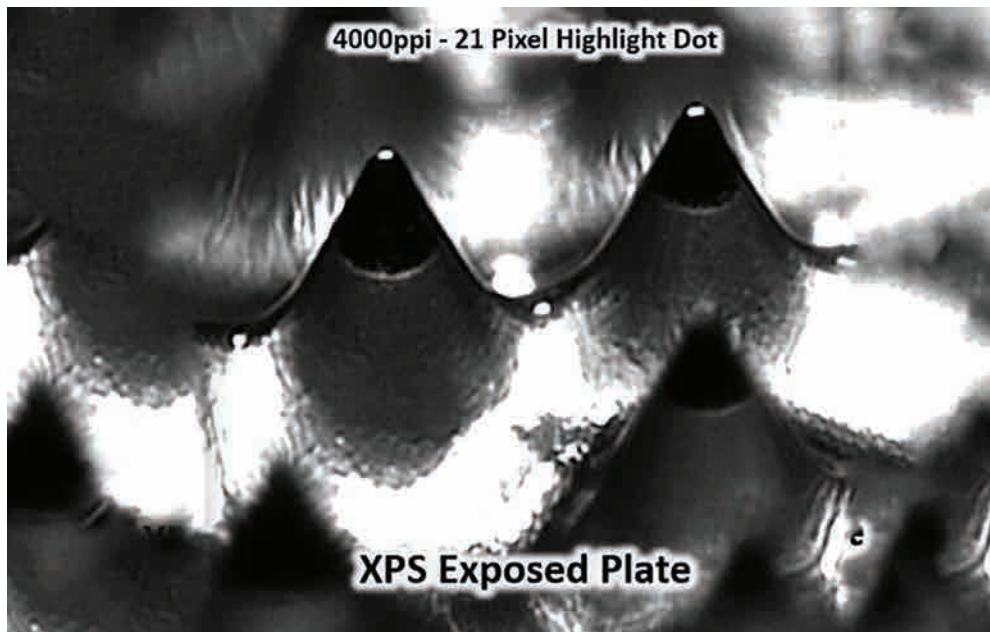
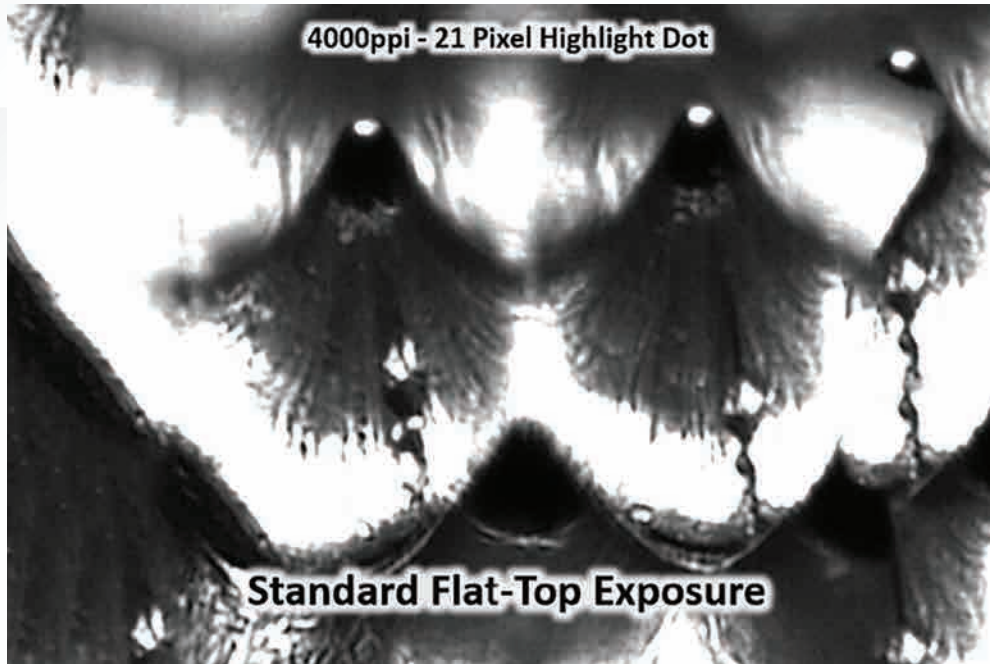
## ↳ KODAK FLEXCEL NX "DIGICAP" TECHNOLOGY

**Kodak Flexcel NX technology** ensures that the photopolymer plate is deoxygenated, resulting in flat-top screening. It provides high quality printing with 300 lpi and 0.4% - 99% dot range. In addition, it has a special screening software that can be used on backgrounds and in all tonal ranges in order to increase print quality and density.



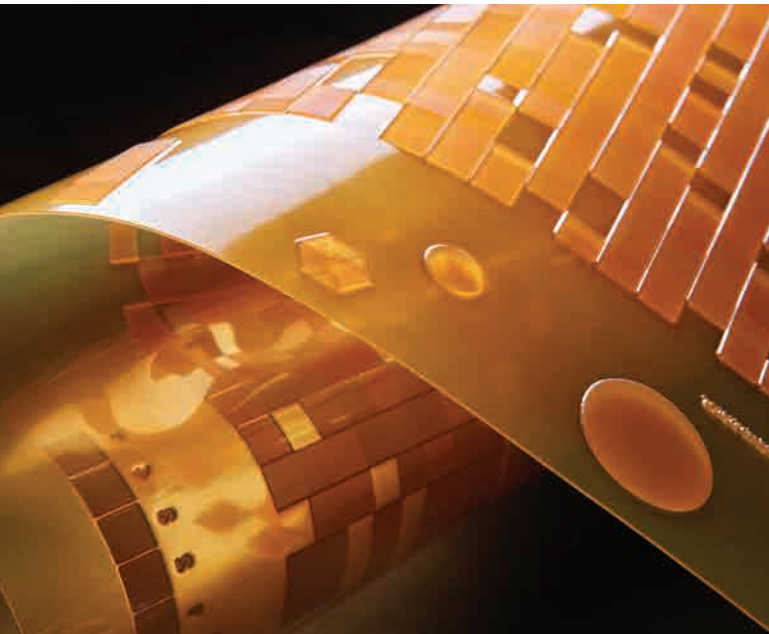
## ↳ ESKO CDI 5080 XPS "CRYSTAL" SCREENING TECHNOLOGY

In addition to Pixel+ and Print Control Wizard (Crystal Screening) and additional software solutions with more precise higher resolution screens, Esko HD Flexo allows for high-quality plate making with additional screen shapes such as flat-top dots thanks to the combination of the Esko CDI 5080 digital flexo plate exposure machine with the XPS Crystal LED UV exposure machine.



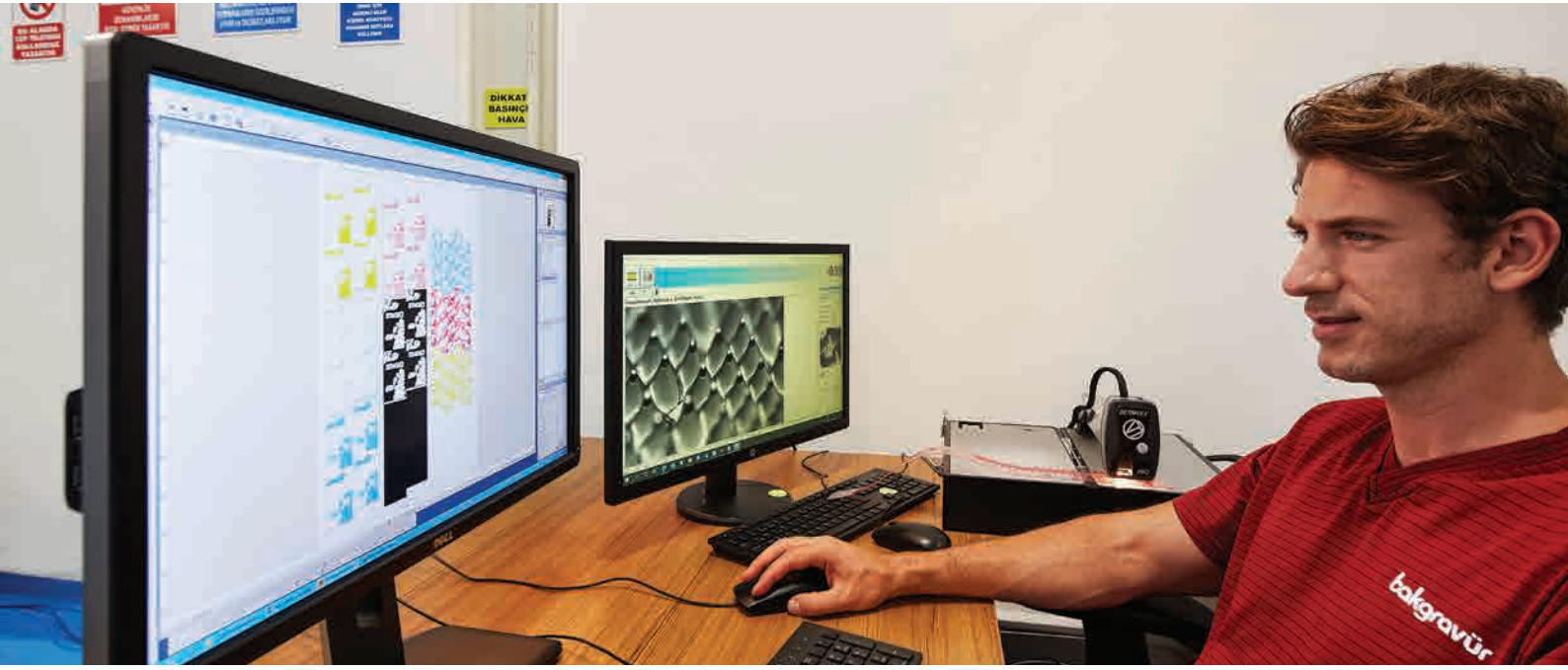
## ➤ ESKO KONGSBERG X22 CUTTING MACHINE

In particular, the plates that require staggered cuts are also cut manually, by precise and automatic cutting of the edges, **eliminating the risk of damaging the plate and making the assembly of plates much easier.**



# High-Technology Flexo Measurement and Analysis System

**The system ensures that errors in the plate-making process can be detected before they go into print.** The fact that it allows 3D examination of HD or NX screens plays an important role in determining the source of the problems in the plate-making process. In addition, thanks to the program that can analyze the dot structure, screen frequency, etc., plate making will be kept under full control.



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