

A scale for superior flexo quality

From excellent to superb

Esko brings the first and only automated flexo platemaking line in the industry. This automation streamlines the entire process. It is very simple to use, so there is no need to hire dedicated flexo expertise.

This unique solution is also scalable to help companies achieve the highest quality and consistency plates that deliver superior print quality.



CDI Crystal The easiest CTP device

- ✓ Reduce operator time by 50%
- ✓ Less plate waste

- ✓ No plate damages or press setup delays due to plate handling



CDI + XPS Crystal Automated plate making

- ✓ Guaranteed plate consistency
- ✓ Seven process steps reduced to two steps
- ✓ Dramatic reduction in operator involvement



CDI Crystal XPS + Print Control Wizard

- ✓ No need for platemaking experts
- ✓ Superior print quality
- ✓ Fully automated and very accessible



Print Control Wizard: deep flexo know-how, for everybody

Esko worked decades of expertise into an easy-to-use wizard that takes the complexity out of flexo platemaking. The Print Control Wizard automatically **creates the perfect attributes (dot gain curves and screens) based on predefined job & print run parameters** such as:

- Press type
- Press speed
- Plate to anilox
- Substrate impression
- CDI type
- Ink & anilox

The Print Control Wizard perfectly integrates with Esko's Imaging Engine which assures top quality results and comes with a new intuitive user interface that guides the user through the whole preparation process.

CDI Crystal: the easiest way to produce flexo plates

The Esko CDI Crystal lays the groundwork for full integration and automation of plate imaging and UV exposure. The CDI Crystal connects seamlessly with the XPS Crystal digital UV exposure device. No plate damages or press setup delays due to plate handling, automatical plateloading & unloading eliminates plate waste.

The Esko CDI Crystal produces the perfect plate for all the flexo print applications that require high print output and stability on press. What's more, the CDI Crystal makes platemaking so easy, there's no expert required.

XPS Crystal: improving plate consistency

Plate consistency is influenced heavily by UV exposure. The innovative XPS Crystal exposure unit optimally combines UV main and back exposure. Unlike UV frames using light bulbs fluctuating in output, the XPS Crystal uses UV LEDs which don't need warmup time and always emit consistent radiation.

CDI Crystal XPS

The CDI Crystal can be combined with the XPS Crystal so imaging and exposure become one integrated, automated step. This solution not only frees up valuable operator time but also reduces maintenance and the footprint of your flexo equipment. The CDI Crystal XPS can be connected to the developer unit for further automation.

