







**The result? A consolidated, environmentally friendly flexo platemaking workflow that enables you to:**


-  **Reduce the number of operator touchpoints from 12 to 1** – by automating your platemaking process, from digital file imaging to press-ready plates


 **Cut operator handling time by 90%** (from 21 min + 15 min manual cutting per plate, to 2.5 min), so your operators can focus on more valuable tasks


 **Increase throughput** – once plate imaging begins, your first plate will be delivered in 70 minutes, with each subsequent plate every 14 minutes thereafter (21 min for 4260 size)


 **Reduce printing press idle time by 40%** – with less press stops with AWPTM CleanPrint and no need for plate cleaning

 **Decrease ink consumption by up to 20%** – with the Crystal screening pattern
-  **Cut plate waste by 10%** – with precise plate nesting and cutting to maximize materials

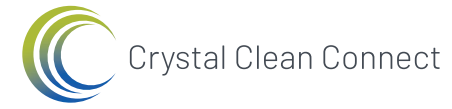
 **Produce highly consistent digital flexo plates** – from job to job, shift to shift and day to day, by standardizing your processes

 **Improve the ambient operator work environment** – by eliminating VOC-based washout solutions from your plate making process

 **Lower your ecological impact** – by minimizing waste, and hazardous VOC solvents

 **Maximize your space** – reduce floor space needed for flexographic platemaking by 40%, compared with installing equipment separately

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# The breakthrough automated flexo platemaking solution



# Reduce touchpoints, boost productivity



Got great hardware and software? Of course, that's a good start to creating an effective prepress workflow.

But if you're looking to create a highly efficient and sustainable integrated prepress solution, that simplifies the platemaking process, improves safety and creates higher print quality consistency – and of course you are – you need to connect your technology.

**And this is where the CrystalCleanConnect solution comes in.**

Rather than opting for an assembly of platemaking processes delivering inline, you'll instead take a holistic approach to connecting technologies, up- and downstream of your prepress process, using an intelligent automation hub as the backbone of your solution.

## CDI Crystal XPS: for simplifying your flexo plate imaging

Reduce complexity and lay the groundwork for full integration and automation of plate imaging and UV exposure with the Esko CDI Crystal XPS 4835 or 4260.

- Reduce plate room complexity
- Benefit from proven Esko CDI laser imaging technology and high-resolution optics
- Produce the highest plate quality standard – based on HD Flexo and Crystal Technology
- Help operators work faster with improved ergonomics

## Asahi plate processor

Improve the ambient work environment with the AWP™ CCC water processor, an environmentally balanced solution for producing flexographic printing plates without any VOC based washout solution

- Achieve a sustainable quality output with a fast plate access time
- Process plates easily with automatic punching, clamping, washing, drying and light finishing within a single device
- Easily access all important functions centrally via touchscreen
- Connect remotely via internet as standard for machine service
- Ensure optimum washout performance with reverse rotating oscillating and reciprocating brushes
- Ensure low temperature plate processing, resulting in excellent dimensional plate stability

## Kongsberg Precision Cutting Systems XE Edge

There's no need to choose between speed, precision or production power – with the Kongsberg XE Edge cutting table, you can have all three. Step up your productivity, and increase plate-cutting accuracy and consistency by automating manual steps with the Kongsberg cutting table, the perfect addition to an automated flexo plate workflow.

- Automatic plate transfer to revolving belt between washer and cutting table
- Step up your productivity by automating manual steps
- Reduce waste with automatic cutting of complex staggered patterns and plate patches to optimize material use
- Eliminate plate damage as operators do not need to touch plates manually
- Improve operator safety by removing the need to handle sharp knives