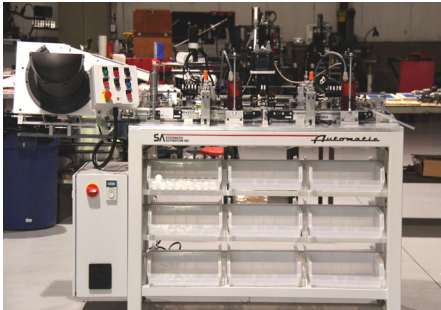


Case Study



Application: fully automated machine prints front and bottom of flat materials at an unrivaled speed with Phoseon LED Curing



Systematic Automation CC-5000 LED Screen Printing machine



Phoseon FireJet™ FJ100

- Proven Reliability
- Superior Performance
- Innovative Technology

Systematic Automation integrates UV LED curing by Phoseon into a fully automated screen printing machine that prints on both sides of flat materials

The Systematic Automation CC-5000 LED screen printing is the first machine designed to automatically print on both top and bottom of flat objects such as poker chips.

About the Ultra LED Conveyor (<https://www.youtube.com/watch?v=5Pg8Gqrkyb0&t=12s>) The machine can be tooled for any flat surface with automatic load and unload. Job setup and changeover are fast and easy thanks to features like X-Y and rotational micro adjustment for screen to part registration.

The Phoseon FireJet FJ100 has been utilized for curing both the top and bottom of the product. The long life of the Phoseon LED has been extended through programming sensors that automatically turn on and off the LED when the product is moving underneath therefore cutting UV operation costs by half.

The Phoseon curing lamp has adjustable power, user friendly controls and simple maintenance. The CC-5000 is the ideal printer for shops that want a turn-key operation without hiring skilled labor for production.

The CC-5000 is very energy efficient (compared with conventional UV), emits less light intensity and is ozone free (no venting is required). Lifetime is at least 30,000+ hours of run time.

Model CC-5000 Features:

- Designed to your specification with optional servo integration.
- Stainless steel air cylinders.
- Pneumatic system cannot overload, burn out or become obsolete.
- Top quality linear ball bearings rated at over 300 million cycles.
- Relay output provided

LED Light Sources

Phoseon's air-cooled FireJet FJ100 light sources are the most common systems integrated into Systematic Automatic CC-5000. The FireJet high-irradiance UV LED curing system is capable of curing at the highest speeds for a variety of applications.

About Systematic Automation

Systematic Automation Inc. has been the industry leader in automating production for over 30 years. What began with screen printing machines, spread to UV curing systems, flame treatment systems and vacuum tables. For more information visit: <http://www.systauto.com/>

