

# Case Study



DPST TurboJet 1200



FireFlex UV LED Curing Lamp

- Superior Performance
- Integrated Control
- Rugged and Reliable

## APPLICATION: LABEL PRINTING

DPST displays new high speed card personalization system

DPST (Digital Printing Solutions & Technologies) announced the launch of their new card personalization systems with front and back (duplex) DOD imaging and available UV-LED curing capability in May 2010 and have since installed five systems with tremendous reception from their customers. Video of these systems in action can be found on the DPST website at [www.dpst.us](http://www.dpst.us). The DPST Inkjet technology is the latest single pass UV inkjet system to utilize Phoseon's FireFlex and FireLine curing systems for high-speed card personalization curing with superior results.

DPST's TurboJet1200 is a state-of-the-art inkjet system that will print faster than any laser system available at a fraction of the costs. It is a monochrome (black) inkjet system that is available in 4 different print widths. The TurboJet1200 can print on a variety of different papers. The user interface is easy to handle, offers a good overview and with its Windows technology it is truly intuitive.

**Clean Energy UV-LED Curing**  
Phoseon's FireFlex and FireLine products are scalable "high power" UV-LED curing solutions aimed primarily at high performance/ high speed single pass UV inkjet applications but with utility in a wide variety of web/conveyor based UV curing applications.

The FireFlex has an emitting area of 75mm x 50mm and the FireLine has an emitting area of 125mm x 20mm or 225mm x 20mm. Both the FireFlex and FireLine are available in peak irradiances of 8W/cm<sup>2</sup> as measured at system output glass - which correlates to up to 360W of pure UV.

### About DPST

DPST provides custom integrated DOD inkjets and consumables to the commercial, security, packaging, card, and label printing industries. DPST works closely with its world leading OEM partners that have extensive experience and know-how in the design and manufacturing, of state of the art drop-on-demand inkjet technology, high speed

vacuum transport bases, roll to roll systems, camera inspection systems, & finishing equipment. From integration of digital print solutions on your current transport systems and web presses to complete turn-key solutions DPST can provide a winning solution to meet your requirements. For more Information call DPST at 772-794-9240 or visit [www.dpst.us](http://www.dpst.us).

**DPST**  
Digital Printing Solutions & Technologies