

Case Study



Flatbed inkjet Printing fJET-24



- Superior Performance
- Integrated Control
- Rugged and Reliable



Phoseon FireFly

APPLICATION: FLATBED INKJET PRINTING

Engineered Printing Solutions Utilizes UV LED Curing Technology from Phoseon

Engineered Printing Solutions, formerly Pad Print Machinery of Vermont, offers several industrial inkjet printers to choose from which feature high-resolution, single-or multi-pass, and bi-directional (fJET-24) multicolor technology.

The fJET-24 flatbed printer utilizes two FireFly 4W air-cooled UV LED curing lamps from Phoseon Technology.

fJET-24 Flatbed Inkjet Printer

The fJET-24 is a multicolor UV LED, high resolution inkjet printer, excellent for personalized souvenirs, customized gifts, industrial products and special promotional items. UV LED curing systems enable the fJET-24 to print on heat-sensitive substrates that would warp or shrink when exposed to conventional UV lamps. The small size of the light sources makes them ideal for machines with limited space.

fJET-24 Features:

- Prints high quality CMYK images.
- High precision linear encoder ensures accurate drop placement.

- Maximum print area 20" x 24".
- Platen height adjustment system automatically detects the distance between print heads and media.
- ColorPrint RIP software with variable droplet size control producing sharp images with smoother gradients.
- Drop-on-Demand UV LED Ink.
- High-density white inks for brighter and more vivid colors.
- Best for flat or semi-flat materials.
- Large one liter ink tanks with liquid level sensor alarms.
- Automatic print head maintenance allows automatic purging, wiping and capping.
- Adjustable intensity of the UV lamps.

Applications

This compact flatbed UV LED printer can be used to produce thousands of different types of personalized and industrial products. They are specifically designed to be able to print on three-dimensional items, such as smartphone covers, pens, promotional items and even

cylindrical objects.

About

After decades of doing business as Pad Print Machinery of Vermont, the well-known automation and printing equipment supplier is now doing business as "Engineered Printing Solutions." The corporate name, logo and website have all been modified to more accurately capture the nature of the continuously evolving and growing company. Pad Print Machinery of Vermont was founded in 1985 with the primary goal of achieving perfection in Customer Service & Satisfaction. In the quest for that goal, they are driven to partner with customers to create machines that satisfy their requirements 100% resulting in dramatic growth for the company.

For more information regarding Engineered Printing Solutions, please visit: www.epsvt.com/



ENGINEERED
PRINTING SOLUTIONS

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The Leader in UV LED Curing