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PFD Pad Foil Decoration

PFD Application On Eyewear Industry

The First PFD setup for eyewear manufacturer in Mainland China.

Since Hong Kong Optical Fair, the display of KENT PFD eyewear trial printed samples drew a lot of attention. One of visitor is our first PFD customer from eyewear industry today.

Customer has rich experience in pad printing for color images and relied on traditional table top hot stamping machine for foiled image in the past.

Like most of other optical manufacturer, high tolerance and high rejection rate is the common challenge in hot stamping process. Due to high tolerance rate, the workers slow down to approach the lower rejection. Alternatively, customer by pass the risk cost to hot stamping work shop outside. The low flexibility and other costs like production leadtime, delivery cost arise.



Their hard situation keep going for years until the availability of PFD. PFD is the ideal setup for the customer with rich pad printing experience. It means " No Extra Expertise " need for start up.



Thanks to KENT Dead-On system, from the MGP (Laser engraving) down to the printing setup at workflow, all fix-on registration does effectively emit the possibility of tolerance and high rejection rate due to manual, individual skill / experience of hot stamping.

Why customer need PFD ?

- Able to print on 3D surface
- NO High Rejection Rate as traditional Hot Stamping
- Unique KENT Dead-On system
- Low tolerance
- User-friendly
- No extra expertise
- Single color printer setup only for instant start up
- Versatile : either foil print or 2 colors pad print
- Reliable & 100% controllable
- High mobility among production plans, contingency order and new design simulation



Customer looking for reliable setup for her own foil / pad print jobs under one roof, like KENT PFD system.

Surprisingly, PFD break through the technical bottle neck of the traditional hot stamping as PFD able to print on 3D surface.

Plus, PFD 90 is even versatile to do either foil print or 2 color pad print jobs. Flexibility and Wide Application is one of key consideration.

From the veiwpoint of customer, the PFD application is comparatively broad, high value added and cost effective.

Eventually, customer has plan to order more PFD setup for Vietnam factory and even consider PFD 150 new setup for combined foil and color pad printed images for other eyewear models.