

PFOD

Pad Foil Decoration

Putting Hot Foil Image On Your 3D Product Surface



 KENT

About KENT

Since 1975 KENT has devoted itself to building pad printing machines and related equipment, setting the highest standards in pad printing machines, the process and materials used.

KENT has won awards from institutions and government for its contribution to Green pad printing.



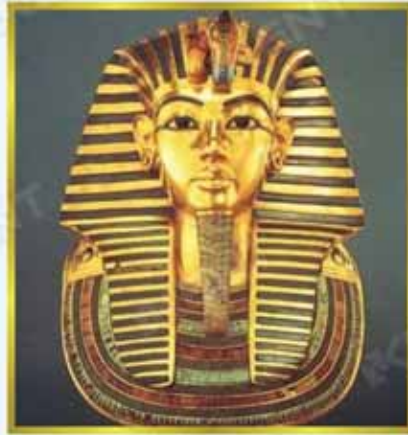
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PFD (Pad Foil Decoration)

A New Decorating Process

In the history of mankind, Gold has been a symbol of power, value and eternity. From tombs of emperors, religious monuments to Buddha shrines, they are always covered in gold. The love of gold is timeless and borderless, human beings will forever be mesmerized by gold.



In today's consumer market, when a product has a shiny gold logo, it is recognized as a superior product. It instantly catches the eye and is sold at a higher price. Decorating with **PFD** will help your product stand out from the crowd, products such as electronics, eye glasses, pen, golf ball, perfume bottle etc.



Hot Stamping Metallic Foil images on irregular and 3D surfaces.

- No metal or silicon hot stamping die need.
- Hot stamp extremely fine foil images.
- In-line production process with pad printing.
- Combine Gold, Silver or Hologram foil with pad printing colour.

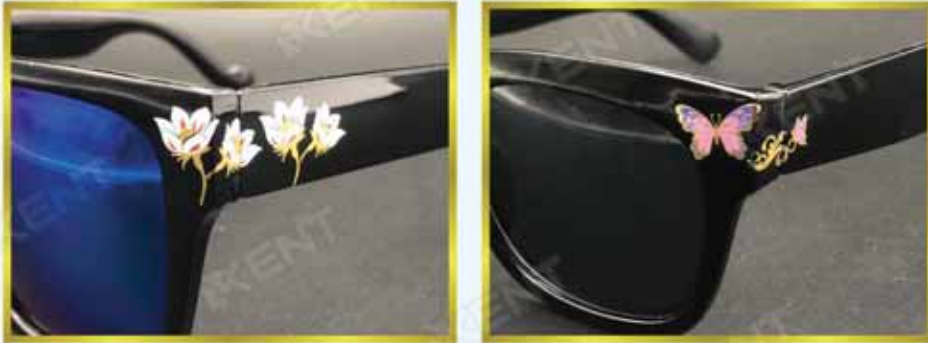


Distinctive difference between **PFD** and normal Hot Stamping.

- Normal hot stamping only works on flat or regular round surfaces. **PFD** foiling can easily print on irregular or 3D surfaces such as a golf ball.
- High reject rates are common with normal hot stamping due to the over / under pressure or temperature if the plastic or wood surface is inconsistent.
- **PFD** process gives perfect production yield on inconsistent surfaces.
- **PFD** process produces images with finer detail than possible with hot stamping.

New Eyewear Decorating By PFD

According to a survey conducted by the optical industry, eyeglasses are recognized as a fashion statement instead of a mere tool to correct eye sights. More and more consumers are wearing non-prescription glasses to frame their faces, some even choose a different colour frame everyday to match their outfits. Eyeglasses have become an important accessory like watches and jewellery. A frame printed by PFD will look sharp and distinguished.



Bend around corner



Different colour metallic hot foil



A black sign turn into a gold logo

New Decorating By PFD

Logos on glass perfume bottles are mostly screen printed with low cost ink. The result is often plain and dull. Some higher end bottles are printed with sublimation ink which contains 12% real gold. The cost of the ink is high and the process requires 530°C heat. The resulting print is thin and unattractive. **PFD** is the only affordable process capable of printing a shiny solid GOLDEN logo on a glass perfume bottle.



Printed by PFD

Screen ink printing



99% of ball pens are screen printed. Whether it is a \$3 or a \$30 pen usually determines the quality of the decorating. With a metallic golden or silver image printed by **PFD**, the value of the pen can increase tenfold. Any ordinary ball pens printed with **PFD** would become a collectable item perfect for advertising.



Corporate Logo

Impress your client with a touch of " Gold " on your Corporate Logo ball.



Keep the memory of those wonderful moments forever.



Hole in One

Congratulations on your Hole in One. It is a million to one shot and you made it. Share your achievement with friends. A gold foil and colourful pad printed Hole in One ball keeps the memory forever.



Don't just spoil this most special memory with an ordinary digital or pad printed ball. Choose any of these Gold or Silver foil and pad printed images or design your own graphics. We offer different ball brands to fit your budget.



PFD Model

Patent : # ZL 2021 3 0524232.8

Patent pending : # 201810910123.7, # 201821290277.2

A 2 in 1 machine to do **Pad Printing and Hot Foiling.**

Decorate your product with a high value, high quality Gold foil image.

PFD-mini



PFD 90



PFD HVA-150/S



PFD HVA-150/C



[Custom build PFD machine on request.]

FEATURES

- Hot Foiling on irregular surface, or 2 - 4 colour Pad Printing
- Built-in heater
- Hot foiling temperature control
- Ø 90 mm Green ink cup (patented)
- AVC - automatic ink viscosity control (optional)
- MGP Green plate or thin steel plate
- 0-adjustment dead-on printing plate platform
- PLC control touch screen panel
- Auto pad clean
- Double ink / print, dwell or delay before print
- High speed smooth machine operations

SPECIFICATIONS

Machine :	PFD-mini (PFD or 2 colour pad printing)	PFD 90 (PFD or 2 colour pad printing)	PFD HVA-150/S (PFD + 2 colour pad printing or 4 colour pad printing)	PFD HVA-150/C (PFD + 2 colour pad printing or 4 colour pad printing)
Max. pad print image (mm) :	40 x 60 mm	Ø 60 mm	Ø 50 mm	Ø 50 mm
Green Ink cup :	Ø 90 mm x 2	Ø 90 mm x 2	Ø 90 mm x 4	Ø 90 mm x 4
Printing plate :	100 x 250 mm			
Pad clean :	✓			
Attachment :	DR-150/2S shuttle	DR-150/2S shuttle	DRE-630 digital shuttle	C-114/14 conveyor
Accuracy +/- :	0.05 mm			
Power :	110/220V			
Air consumption : (Approx.)	128 Litre / min.	160 Litre / min.	230 Litre / min.	230 Litre / min.
Measurement : (mm)	810 x 700 x 1,414	890 x 780 x 1,442	955 x 1,128 x 1,510	986 x 1020 x 1,510
Weight : (Approx.)	133 kg	230 kg	220 kg	230 kg

PFD Software

- Glue (PFD-P and PFD-M)
- Catalyst (PFD-C)
- Foil : Gold, Silver and Hologram (ask for right colour shade)



• Green ink cup

• MGP Green plate & Laser engraving

• K2A Anti-static pads

Global Network

KENT world-wide network of 30 established agents. All recognized one of the best Pad Printing suppliers in their countries with superior technology, solution and service.

Sister companies and associate agents / dealers

Australia	Millford Astor (a division of Aldus-Tronics Pty Ltd)
Austria	MAG-Motoren Ges.m.b.H.
Brazil	KENT do Brasil (Trausi Indústria E Comércio Ltda.)
Canada	KENT Pad Printer Canada Inc.
Canada (dealer)	E3 Systems Ltd.
China	KENT Engineering (Gao Yao) Co., Ltd.
China Taiwan	Taiwan Mino Group Co. Ltd.
Croatia	Marsa d.o.o.
Czech Republic	Visma s.r.o.
France	KENT France - Sup Gravure - Groupe Portelli
Germany	KENT Stuttgart GmbH
Hungary	KENT Hungary Kft.
Israel	Multipack Ltd.
Italy	Marabu Italia s.a.s
Japan	Mino International Ltd.
Malaysia	Krisdara Technics Sdn. Bhd.
Mexico	Industrial Pad Printing Supplies S. de R.L. MI.
Philippines (dealer)	Eguchi Kohan Company Ltd.
Poland	KENT Polska Sp.z.o.o.
Portugal	Ideiaprint - Gustavo Rebelo
Romania	EDCG Electronic Design & Consulting Group
Russia	KENT -RUS-Slavprint
Scandinavia	Marabu Scandinavia AB
Serbia	Destefiko boje d.o.o.
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Spain	Seinse KENT , S.L.
Thailand (dealer)	Chaiscreen Machinery Co., Ltd.
Thailand (dealer)	T.A.O. Bangkok Corporation Ltd.
Turkey	Serimak Serigrafi Malzemeleri San. A.S.
U. K.	Tampo Ltd.
U. S. A.	Diversified Printing Techniques Inc.
Vietnam (dealer)	T.A.O. Bangkok (Vietnam) Co. Ltd.
Vietnam (dealer)	P&S International Co., Ltd.



KENT has supported our global customers in the past over 40 years and will continue to provide our best service for decades to come.



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