

# Dye Sublimation

COMPLETE FULL COLOUR 3D PRINTING PACKS

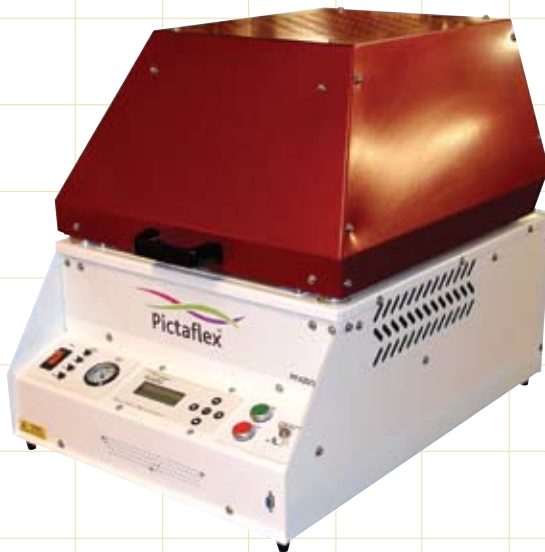
## Pictaflex 2D/3D Dye Sublimation

### What is unique about the 'Pictaflex' process?

Unlike the current traditional Dye Sublimation processes, where you are limited to printing to flat substrates, the Pictaflex process enables you to decorate with a full colour design or photographic quality image to non flat substrates and flat substrates, which opens up almost infinite end product possibilities, for example mobile phone cases, 3D moulds, 3D models and rapid proto-typed parts.

### How does the Pictaflex process work?

The process is simple to use and involves inkjet printing on to the Pictaflex film with Pictaflex ink. Once this is done, the printed image on the film is instantly dry. The printed film is placed into the heatpress, with the substrate, and the machine is closed. The sublimation transfer cycle, is between 90 and 180 seconds. Once the cycle is completed, the film, which has been vacuum wrapped around the substrate, is removed leaving the substrate permanently imaged.



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Dye Sublimation printing allows the transfer of digital images on to a wide range of materials such as metal, plastic, fabric, coated wood and ceramics.

Denford offer 3 dye sublimation packages to provide a solution for all budgets and applications. Each package contains everything you need to get you up and running and also includes a variety of consumables such as T-Shirts, Mouse Mats and Ceramic Mugs, etc.

### DYE SUBLIMATION PACKAGE 1

- 1 TMH-28 Manual Heat Press
  - 5 Small Jigsaws (15 piece)
  - 5 Medium Jigsaws (30 piece)
  - 10 Mixed T-Shirts
  - 10 Mouse Mats
  - 1 GX e330N A4 Printer (complete with inks)
  - 1 Sublimation Paper 8.5" x 11"
- Please note package contents may vary



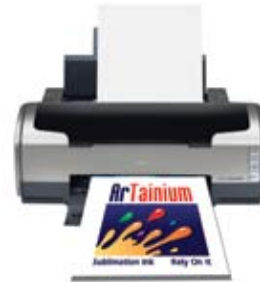
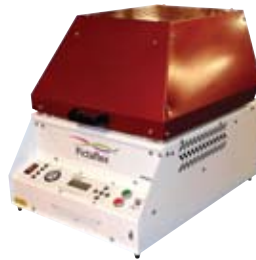
### DYE SUBLIMATION PACKAGE 2

- 1 DC16 Heat Press
  - 1 DC16 Mug Attachment
  - 5 Medium Jigsaws (30 piece)
  - 5 Large Jigsaws (60 piece)
  - 10 10oz Mugs
  - 10 Mixed T-Shirts
  - 10 Mouse Mats
  - 1 GX7700 A3 Printer (complete with inks)
  - 1 Sublimation Paper 11" x 17"
  - 1 Heat Proof Tape
- Please note package contents may vary



### PACKAGE 3

- Pictaflex
- Epson A3 Colour Printer
- Epson Bulk Ink System
- Film (400 sheets)
- Imprintable Items - Such as plaques, pill boxes, picture frames, plates etc...(contents vary)
- Commissioning & Training



Bulk Ink System

...transfer digital images on to a wide range of materials such as metal, plastic, fabric, coated wood and ceramics



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To get you up and running, Denford also offer a range of CNC Routers, Lasers, Milling Machines and Lathes, together with tooling packages, workholding kits and courseware.

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