



## Overview / Features

- **Print Metallic & Holographic**
- **Print up to 6 Colours**
- **Low Cost Tooling**
- **Low, Med Quantities**
- **Print & Cut Capability**
- **RFID Insertion**
- **Print onto Any Substrates**
- **Ability to Laminate & Emboss**
- **Finish is Rolls or Sheets**
- **Punching Tool**

**Hot foil printing or foil stamping are flat bed machines which use heat to transfer foil onto the material leaving an impression.**

Hot foil printing is a traditional print process whereby coloured foil is transferred to a substrate at high temperatures. Even though it is a traditional method it is still as ever popular for certain applications due to its unique ability to print true metallic and holographic foil. Hot foil printing uses a plate, heat, pressure and foil. This is known as dry printing because the process doesn't involve ink. An impression is made by heating a plate which stamps foil onto the material surface leaving the design. This is then pulled through to be cut to size. Tooling is required for each colour and shape which are fairly low cost.

Flat bed die cutting has the ability to die-cut a vast range of substrates including paper, vinyl, polyester, polycarbonate and Kapton to name a few. In addition, our machines can laminate in-line without the need for multiple passes through different machines. Any damaged or imperfect labels can be recognized and rectified immediately, without excessive waste, thereby reducing overall label costs. Short to medium runs can be produced economically at point of use for immediate application, no inventory, no minimum quantities and no surplus stock.

As well as producing finished labels in one pass, our flat-bed machines also allow us to auto re-register pre-printed media from other machines (such as digital/flexo). Examples of this scenario may be where a more complex print or variable data design is required. We have the option to further enhance with metallic/holographic foil, laminate, hole punch, die cut, perforate or sheet giving us great flexibility.

At The Label Centre we have three Newfoil machines (2500, 3500 & 4500) which can print up to a range of six colours.

The 2500 & 4500 produce finished rolls so no additional finishing labour is required. Whereas our Newfoil 3500 can also finish in sheets as well as rolls. Other special features included on our Newfoil 3500 are RFID in-line insertion and a punch tool (sizes available 2/3/4/6/10mm diameter & 10mm x 3mm slot).

### Specifications

#### Newfoil 2500

- 150x150mm Print Size
- 3 Colour Print
- Finishes in Rolls



#### Newfoil 4500

- 150x150mm Print Size
- 6 Colour Print
- Finishes in Rolls



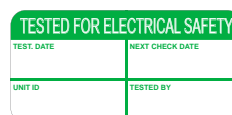
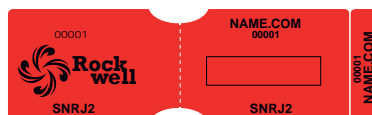
#### Newfoil 3500

- 230x230mm Print Size
- 3 Colour Print + Features
- Finishes in Rolls & Sheets



## Applications / Sectors

- **Asset Labels**
- **Mark & Seal Labels**
- **PAT Labels**
- **Equipment Labels**
- **RFID Labels**
- **TT Labels & Tags**
- **Embossed Labels**
- **Laser Sheets**
- **Security Labels**
- **Decorative Labels**
- **Much, much, more...**





**THE LABEL CENTRE**  
SOLUTIONS FOR THE LABELLING INDUSTRY

## Hot Foil

**Our other capabilities include ...**



## Flexo

A flexible relief plate and rotary tooling to print onto almost any substrate

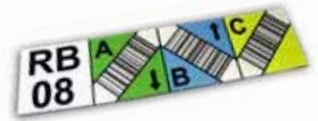
- Plates & Tooling Required
- Medium to Large Quantities
  - Up to 6 Colours
  - Speed 60-120 mts/min
  - Ability to Laminate
- Ability to De-Lam & Re-Lam to Print Adhesive
  - Produces Sheets & Rolls
  - Turner bar – Reverse Print
- UV Varnish/1 UV Spot Colour
  - High Speed Plain Labels
  - UV & Water Based
- Perforations, Under-Cutting
  - Adjustable Anvil
- Interchangeable Rewind Mandrels
  - Video Inspection



## Digital Flexo

A full colour (CMYK(W)), digital UK inkjet/ flexo hybrid press

- Print White & CMYK
- UV/LED Pinning for Durability
  - High Speed
- Low, Med, Large Quantities
  - Print & Cut Capability
- Variable Information Printing
- Re-Register for Printed Webs
- Quick Setup – Reduced Waste
- Prints onto wide variety of substrates
  - Ability to Varnish & Laminate
    - No Plate Required
    - Produces Rolls



## Wide Format

A full colour, CMYK(W), digital UV solvent inkjet printing method

- No Plate or Tooling
- Quick Set-up Time
- Micro, Low, Medium Quantities
- Colourgate Colour Management
  - ISIS2 Colour Profiler
  - Print & Cut Capability
  - Ability to Laminate
    - RFID Insertion
- Variable Information Printing
- Soljet Prints CMYK (Inc LM, LC, LK)
- LEC 540 Prints CMYKW + Varnish
  - High Print Quality 1440 dpi
  - Max Print Width 1370mm
- Almost Any Substrate upto 1mm Thick
  - Solvent Ink, Heat Dried
- UV Ink – UV Lamp Cured (Very Durable)
  - Under Surface Printing



## Bureau

Barcode and variable data

- Multiple barcode types
- Sequential numbering
  - RFID encoding
- Low – Medium quantities
- Print onto various substrates
  - Rolls or sheets
- No printing plate required



## Finishing

Refined finishing and professional packaging

- 2 Rewind/Inspection Machines
- Semi-Automatic Full Width Core Cutting
  - 19.05mm up to 76.2mm Cores
  - 76.2mm Customer Branded Cores
    - Plastic Cores
    - Shrink Wrapping
    - Batch Identification
- Branded Direct Shipping