



Overview / Features

- 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

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At The Label Centre we use rotary machines manufactured by Focus Label Machinery to convert plain and printed labels. Rotary die cutting uses a cylindrical die to cut out shapes from a roll of material and strips away the waste matrix leaving the shape on a carrier liner.

The flexographic (Flexo) printing process involves a flexible relief plate and tooling with high speed rotary functionality in order to print onto almost any substrate such as paper, card, polyester, polypropylene and many more.

A flexographic print is made by creating a positive mirrored master of the required image as a 3D relief in a polymer material. The image areas are raised above the non-image areas on the polymer plate. The anilox roll is covered with thousands of small cells that can only be seen with a microscope, they enable it to hold and meter ink to the printing plate in a uniform thickness evenly and quickly. The number of cells per inch can vary according to the type of job and quality required. To avoid getting the final product with a smudgy or lumpy look it must be ensured that the amount of ink is not excessive on the plate. This is achieved by using a doctor blade which removes excess ink from the anilox roll before inking the plate.

Our machines have the ability to produce medium to high volumes at high speed. This makes it cost effective and versatile whilst maintaining essential quality. We have a wide range of magnetic cylinders, print cylinders, anilox rolls and a library of cutters to produce high quality labels in either sheets or rolls.

The Label Centre hosts 1 Focus Proflex and 2 Focus Reflexes.

Focus Proflex 'Se' Series

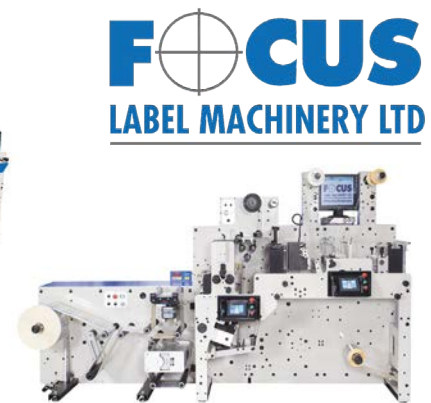
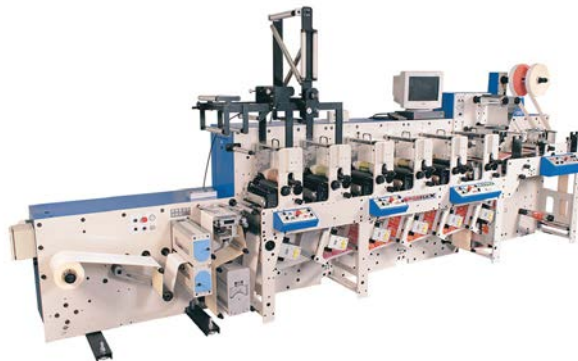
We are able to produce up to 6 water based colours, 1 plate per colour, 1 print station has UV curability (varnish or spot colour). A video inspection unit enables us to monitor the web at high speed for registration accuracy and quality control.

Focus Reflex 'S' Servo

High speed plain labels or 1 colour print. The servo drive technology included on this press provides precise control of the web. The closed loop digital tension system monitors in feed and rewind tensions to ensure smooth running from maximum diameter to the end of the roll. It has core mandrel adaptors readily available at 25mm, 40mm, 44mm, 50mm & 76mm to make finished rolls in line without the need for further rewinding.

Applications / Sectors

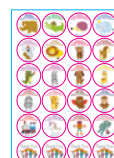
- Pharmaceutical Labels
- Logistical Labels
- Warehouse Labels
- Retail
- Industrial
- Tags
- Much, much more...



FOCUS
LABEL MACHINERY LTD



THE LABEL CENTRE
SOLUTIONS FOR THE LABELLING INDUSTRY





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Flexo

Our other capabilities include ...



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



Hot Foil

Machines which use heat to transfer foil onto the material leaving an impression

- 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



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