eclipse

LABEL FINISHING EXCELLENCE

The world-renowned Eclipse label finishing range provides return on investment and genuine value for money - cutting labels, not corners - and the craftsmanship and high-end technology offered by Eclipse is often copied but never bettered.

WHY ECLIPSE? //

Our Design Team

Manufactured at our facility in the United Kingdom, Eclipse is part of a concept design engineering business which utilises a dedicated team of professionals with a unique engineering skill set.

Our Global Expertise

We work through a world-wide distribution network who are hand-picked and trained to the highest standard possible via Impression Technology Europe, a company that specialises in bringing labelling products to market.

Our Products

Eclipse Digital Label finishing machines are renowned the world over as being market leaders in desktop digital label finishing.
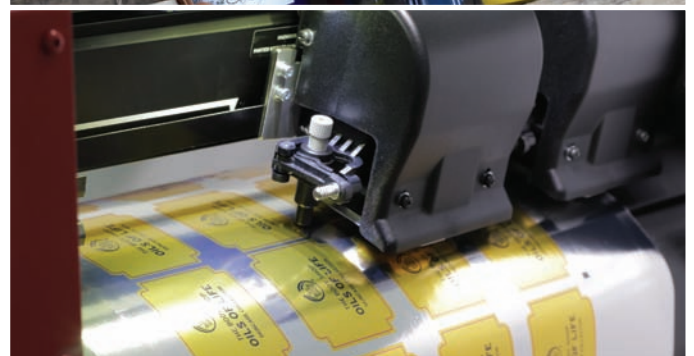
Our Support

We are here to support you all the way. Purchasing the Eclipse label finishing machinery means you can be sure that we will always be on top of our game when it comes to innovation and future developments which will make your business work smarter, not harder.

Our Ethics

We are proud of the fact that we always supply the machine the customer needs and not the one we need to sell. Digital label finishing may still be a 'young' business but it is in the care of a well-established and well-respected company.

Our Innovation

Eclipse digital label finishing machinery is manufactured by Impression Technology Europe who have always been product innovators. We were the first company to introduce the ever-popular Memjet waterfall print-head technology to the label printing industry in 2010.

INTRODUCING THE NEW ECLIPSE MINI //

Fantastic value for money, this competitively priced label finishing machine has a compact footprint. Designed to harmonise and increase the flexibility of label production from a range of ultra-narrow web label printers.

Accurate, fast, economical! The MINI digital die cutter and laminator is a production powerhouse in complete label converting and finishing. The Eclipse MINI is designed, engineered and built to a specification the printing community needed. Bringing affordable label finishing options to the micro label users of today.

A small footprint innovation packed label finishing machine designed especially for the small producer needing flexibility of different shaped labels. The Eclipse MINI comes with all the specifications you would expect to see in a larger sized industrial finishing equipment.
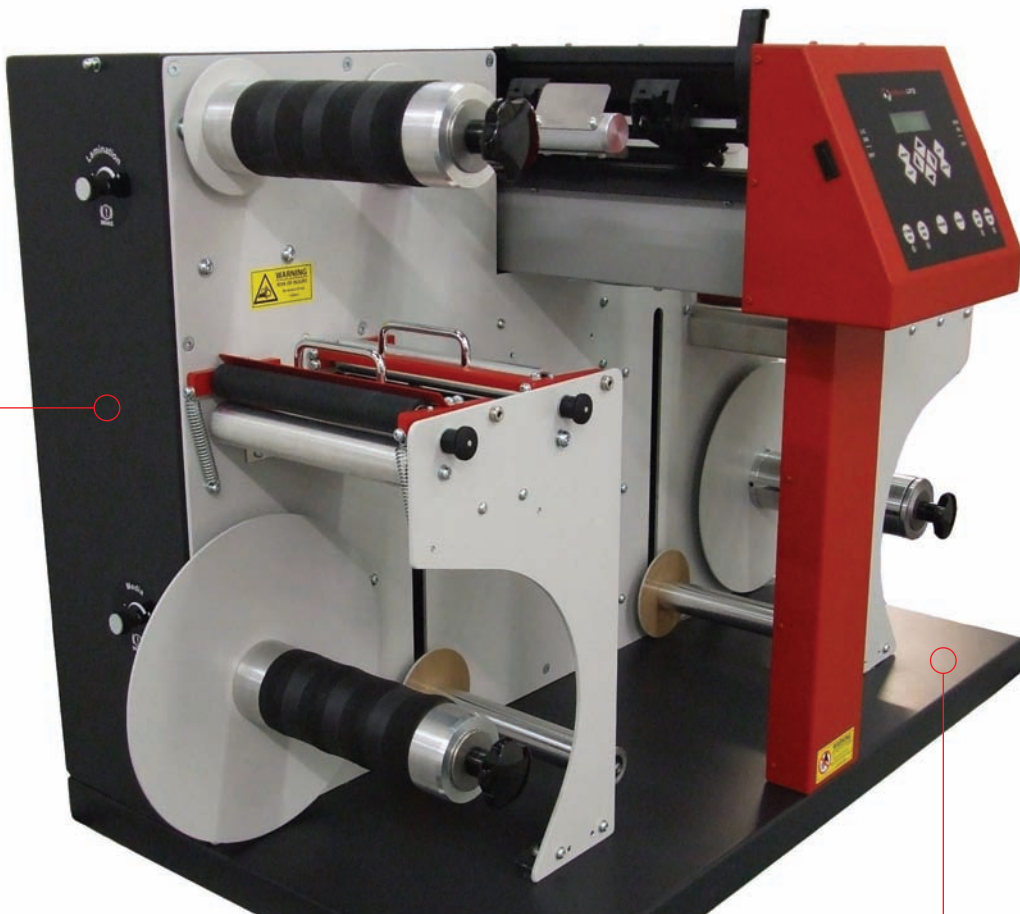

TECHNICAL SPECIFICATIONS //

▷ Cut Width: **112mm (4.4")**

▷ Cut Speed: **800mm (31.5") axial maximum**

▷ Linear Cut Speed: **Dependent on graphic**

▷ Cut Force: **0 - 400 grams in 1 gram steps**

▷ Cut Type: **Drag knife and tangential emulation**

▷ Cut To Registration: **Single point registration mark**

▷ Cut Ability: **Both printed and unprinted media**

▷ Max Label Length: **304.8mm (12") repeat**

▷ Lamination: **Unsupported laminate roll**

▷ Maximum Roll Diameter: **200mm (7.9")**

▷ Waste Matrix: **Removal and rewind**

▷ Roll Core Size: **76mm (3")**

▷ Interface & Software: **WinPlot (Windows OS) cut software, cutter control parameter software. Plug-ins for CorelDraw and Adobe Illustrator.**

▷ Power Supply: **Single phase 110/240VAC, frequency 50/60HZ**

▷ Dimensions: **Width: 860mm (33.8"), Depth: 520mm (20.5"), Height: 575mm (22.6")**

▷ Weight: **75kg**

▷ Media Width: **220mm (8.6")**

▷ Input Roll Diameter: **Up to 300mm (11.8")**

▷ Cut Label Size: **20-355mm (0.8-14") linear**

▷ Cut Speed: **800mm (31.5") axial maximum**

▷ Linear Cut Speed: **Dependent on graphic**

▷ Cut Force: **0 - 400 grams in 1 gram steps**

▷ Cut Type: **Drag knife and tangential emulation**

▷ Cut To Registration: **Single point registration mark**

▷ Cut Ability: **Both printed and unprinted media**

▷ Max Label Length: **355.6mm (14") repeat**

▷ Lamination: **Unsupported laminate roll (supported rewind option)**

▷ Maximum Roll Diameter: **300mm (11.8")**

▷ Waste Matrix: **Removal and rewind**

▷ Roll Slitting: **3 blade slitting and re-wind**

▷ Roll Core Size: **76mm (3")**

▷ Interface & Software: **WinPlot (Windows OS) cut software, cutter control parameter software. Plug-ins for CorelDraw and Adobe Illustrator.**

▷ Power Supply: **Single phase 110/240VAC, frequency 50/60HZ**

▷ Dimensions: **Width: 1000mm (39.3"), Depth: 700mm (27.5"), Height: 790mm (31.1")**

▷ Weight: **170kg**

THE WORLD-RENOWNED ECLIPSE LF3 //

The Eclipse LF3 Digital Label Finisher is key to creating a stunning finish to printed labels. Using Summa technology, the LF3 is able to cut out whatever label shape is required without the need for cutting dies.

With an impressive set of specifications, and offered at a VERY competitive price, the Eclipse LF3 is a "must have" for either established label printers or end-users wishing to create their own in-house labels.

The LF3 benefits from being designed and developed specifically for its target market rather than being a redevelopment of a conventional machine. Within a compact footprint, the unit comprises lamination, digital cutting, waste matrix removal, slitting and a final rewind. Loading and unloading is made simple and the easy to operate control panel makes the Eclipse LF3 an entirely user friendly investment.

GO LARGE WITH THE ECLIPSE LF350s //

The Eclipse LF350s is the largest machine to grace the Eclipse range of digital label finishers. Although the design is based on the successful LF3, its attributes are very unique. Aimed at bridging both small and bulk order markets the LF350s is a much bigger floor standing machine that can handle larger media stock as well as larger orders.

The perfect combination for those looking towards a short run label finishing machine to complement a wider (up to 350mm/13.78") digital label print machine set-up. The Eclipse LF350s has options such as dual cutting heads and barcode reading for different label shape selection - changing automatically from one shape to another without stopping production. With the ability to cut label lengths of up to 850mm (33.46"), this makes the LF350s the professionals choice for short run digitally produced labels.

TECHNICAL SPECIFICATIONS //

▷ Cut Speed: **Dependent on graphic**

▷ Cut Force: **0 - 400 grams in 1 gram steps**

▷ Cut Type: **Single or Twin Head Drag knife and tangential emulation**

▷ Cut To Registration: **Single point registration mark**

▷ Cut Ability: **Both printed and unprinted media**

▷ Max Label Length: **800mm (31.5") repeat**

▷ Lamination: **Unsupported/supported laminate roll**

▷ Maximum Roll Diameter: **450mm (17.7")**

▷ Waste Matrix: **Removal/rewind. Twin reversible rewind with 76 cores. Selvedge removal and waster rewind.**

▷ Rewind Roll Core Size: **76mm (3")**

▷ Interface & Software: **WinPlot (Windows OS) cut software, cutter control parameter software. Plug-ins for CorelDraw and Adobe Illustrator.**

▷ Power Supply: **Single phase AC 100 V / 120 V - AC 220 V / 240 V, frequency 50/60HZ +/- 2%**

▷ Dimensions: **Width: 1740mm (68.5"), Depth: 910mm (35.8"), Height: 1340mm (52.8")**

▷ Weight: **280kg**

The Eclipse range of finishing machines have been designed to provide ultra flexibility for the user for different shapes, and the practicality of in-house printing means that costs are saved in terms of redundant pre-cut labels on the shelf and waiting time.

Easy Screen Controls

Designed for ease of use, the advance controller is an easy to operate user interface, with simple operation and functionality. This give complete flexibility, with the set up and operation. Advanced programing for smooth production.

Cut Any Size or Shape Without Dies

Digitally cut all label shapes to meet your production requirements. Create the cut line pattern in Photoshop or Coral Draw and import to the Eclipse to create a perfectly cut label shape without the need for any other tooling. No longer will you need to keep an expensive stock of pre cut label shape which takes up space and financial cost.

Impressive Performance

All Eclipse Label finishing machines are designed to give an impressive optimal production rate cutting speed of up to 4.6 meters per minute on the LF3, LF250, Mini, and impressive 10 meters per minute on the LF350s when incorporating the twin cutting head option. Great cutting speeds to meet both bulk and short run label promotions.
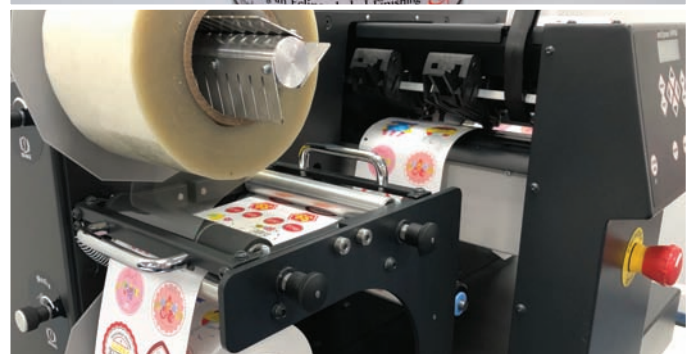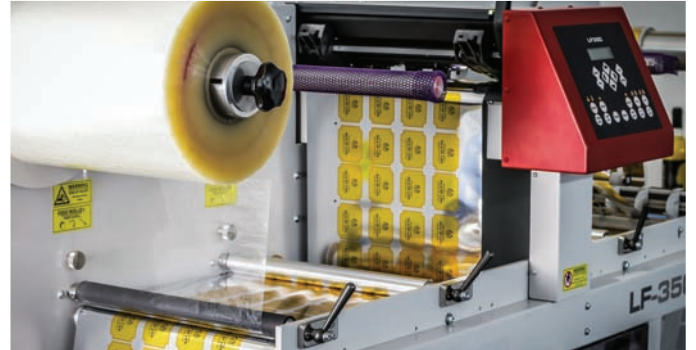
Various Substrates

Continuous finishing to a wide range of medias, Papers of all styles coated and none coated, BOPP, Polyester, Vinyl's, and many more.

Exceptional Print Quality

The Eclipse range of label finishing machinery all utilise 'Single Page' registration cutting system technology, with each page position reset prior to the commencement of cutting the actual label shape. Reading a single point registration mark at the start of every page completes this ensuring cutting quality on a repetitive production run.

Simple Operation

All Eclipse label finishing systems are fitted with our easy to operate touch button and on screen instruction system making the set up and programing so easy to learn.

THE BENEFITS OF IN-HOUSE LABEL FINISHING //

Features & Functions

▷ Lamination to protect your labels

▷ Digital cutting, Drag Knife emulated tangential technology

▷ Waste matrix removal

▷ In line slitting

▷ Final rewind

▷ Easy to use Control Panel

▷ Works with most all, self-adhesive label media printed on industrial digital label presses and desktop printers to create a full digital label solution

True Benefits

▷ Cut labels on demand, and to any size, without a die - no need for stock holding

▷ Compact footprints

▷ Simple loading and unloading

▷ Lamination option for effects or to protect

▷ Easy to use control panels

▷ Full training and support provided

▷ Instant bespoke cuts

▷ Matrix stripping and slitting

▷ Combine with a digital label printer for a full solution producing finished label production to go directly to your label applicator

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