



**The Perfect Labelling System.**

## Print and Apply perfected

Logopak are the leading manufacturer and supplier of print and apply labelling solutions in Europe. We have spent over 40 years refining and perfecting print and apply techniques. Our knowledge and experience is unsurpassed, and our print and apply machines deliver the longevity and quality required to meet the rigours of modern industry.



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**Approved**

Logopak is a GS1 Accredited Solution Provider. GS1 set global standards to improve supply chain efficiency. GS1 accreditation endorses our reputation as experts in the field of implementing barcode and supply chain solutions to GS1 standards.



## About Logopak

Logopak was founded in 1978 by English entrepreneur Chris Hastings-Long. Germany's reputation for quality precision engineering and technology led him to seek out a location there to base his manufacturing operation. Logopak machines are still produced in Hartenholm near Hamburg, and quality remains the driving force behind production. This blend of German engineering and English entrepreneurial spirit gives Logopak its unique character, which is evident at the German head office where a Royal Mail pillar box and BT phone box flank the entrance.

The quality of engineering at Logopak is uncompromising, and each machine is extensively tested and quality checked throughout the manufacturing process. Our machines last more than ten years in full production, representing excellent low cost of ownership.

The company now employs over 250 people, and supplies machines all over the world.

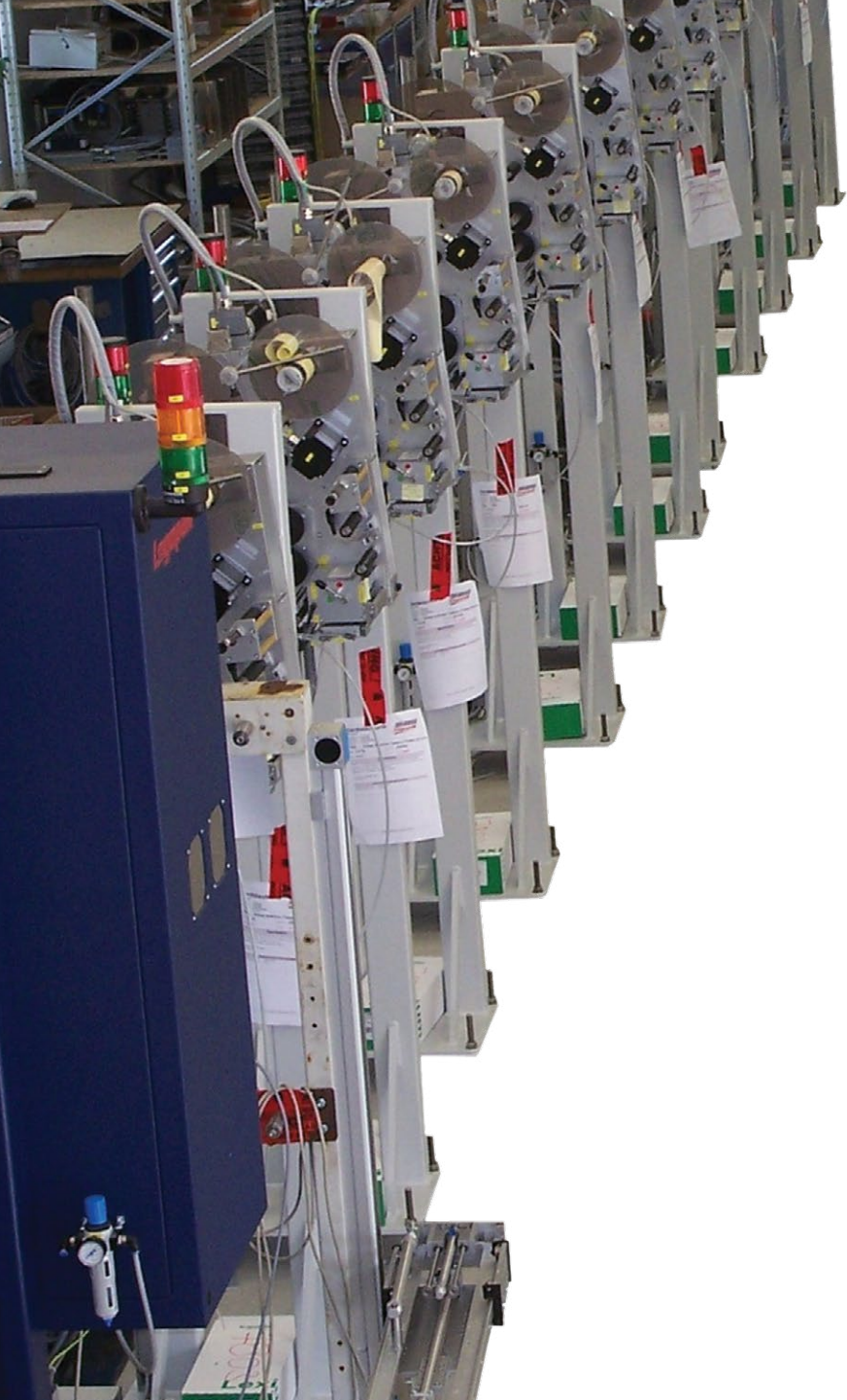


### Logopak International UK

The UK head office in York has been established since 1989 and provides sales and service to the UK. All elements of the service are carried out in-house, including training, customer call centre, consumable sales, service engineers, software developers and spare parts.

**Made in  
Germany**





## Engineering

All Logopak machinery is manufactured in our state-of-the-art manufacturing facility in Hartenholm, in the north of Germany. Supplying 10% of the European market, and dominating the field in Germany and the UK, this amounts to over 1,000 units/year.

Each print & apply labeller is purpose designed from the ground up, as an industrial specification unit, for life in challenging environments. Using the very best quality components, Logopak design their own machines, print engine, software & hardware only using minimal third party manufactured components from leading specialists such as Festo and Erwin Sick.

Logopak firmly believe that by designing & manufacturing their own product they have better control over quality.



## Quality engineering solutions for any industry

Our in-house engineering means we can provide solutions to operate across a wide range of sectors. In demanding industries where quality is everything, we can confidently develop solutions that deliver for specific requirements.

Environmental challenges such as dirt, dust or cold are dealt with by steel enclosures with optional heating, cooling, illumination or pressurisation. All enclosures are supplied with a pneumatic trap door to protect from adverse conditions.

Large, bulky or irregularly shaped items are dealt with by our flexible range of over 50 applicators.

Our comprehensive product range goes from our simple out-the-box 400 labeller, to our complex custom-built solutions. Whatever the industry and level of ambition, we can deliver.



**Beverages**



**Tobacco**



**Food**



**Glass & Ceramics**



**Paper**



**Textile**



**Pharmaceutical**



**Wood**



**Automotive**



**Logistics & Shipping**



# Print and Apply Labelling

Logopak offers a range of solutions for industries requiring application of real time printed on demand labels. Whether the requirement is for outer case labelling in food and beverage or license plate / carrier labelling in ecommerce, with thousands of installations around the world, Logopak has the experience to deliver the right solution for you.

Logopak offers two platforms, the 400 and 500. Both platforms are available in 100 and 150mm print widths and are designed using state of the art components.

For reliability, both bodies are now maintenance free since mechanical clutches and belts have been replaced with direct drive digital motors monitored by shaft encoders. Mechanical switches are replaced with optical or inductive sensors whilst Logopak’s reputation for solid German engineering is maintained throughout its robust construction.

For operator ease of use, the clean design focuses on simplification by removing unnecessary rollers thus providing the best user friendliness. Logopak combines a solid platform with a wide range of standard applicators to achieve the market demands of many years of 24/7 reliable operation.



## 400 Series

The 400 series is the standard Print and Apply base body for most case or box labelling requirements. Minimal down time for consumable replenishment is achieved by combining a large 600 metre label roll and thermal transfer ribbon capacity with simplified open sided consumable threading.

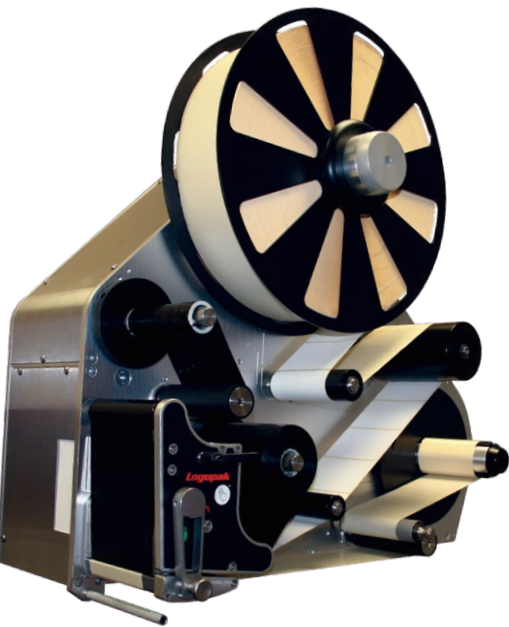


Industry	Series	Typical Label size: (w x h)	Cycles per minute	Max run time
Food & Beverage case / pack / shrink	400	110mm x 60mm	60	2.75 hours
	500	110mm x 60mm	60	4.6 hours
Ecommerce license plate / carrier	400	100mm x 152mm	20	3.3 hours
	500	100mm x 152mm	20	5.5 hours

Logopak case labellers are available with 100mm or 150mm wide print heads.

## 500 Series

The 500 series uses exactly the same core components as the 400 range however supports jumbo 1000 metre consumable capacities. This machine is suited to high speed production lines demanding minimum down time for consumable replenishment. For non stop production or labelling of up to 180 cycles per minute, Logopak offers tandem and tridem controllers to sequence the labelling operating in conjunction with 2 or 3 labellers.



# Pallet labelling

Logopak can provide a solution for any pallet labelling requirement. Global standard barcode labels are applied to facilitate the handling and tracking of an item. Designed for continuous operation, our machines cater for labels up to size A4. Labels can be applied on up to 3 sides of the pallet to ensure visibility when the pallet is stored in racking. All labels are applied in real-time and contain a mandatory SSCC (serial shipping container code) barcode.

The top section of the label contains the free format information.

The middle section contains text information and human readable interpretations of the bar codes.

The bottom section includes the bar codes and their associated interpretaion. SSCC must be the last.

**THE COMPANY LIMITED**  
**ANY ADDITIONAL INFORMATION**

SSCC

050123450001234563

Content

05012345678907

Count

110

Use By

Batch No.

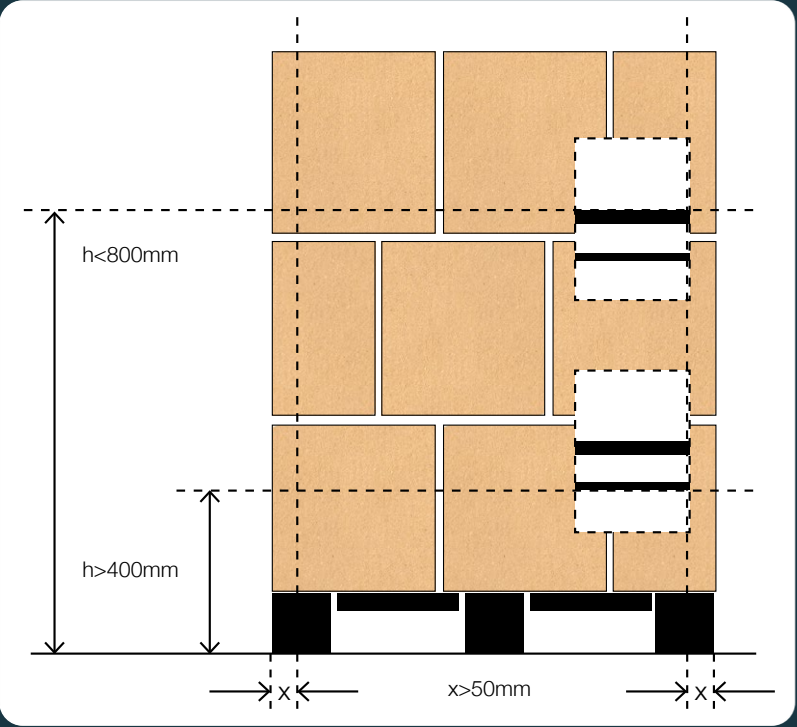
08.03.14

1234AB

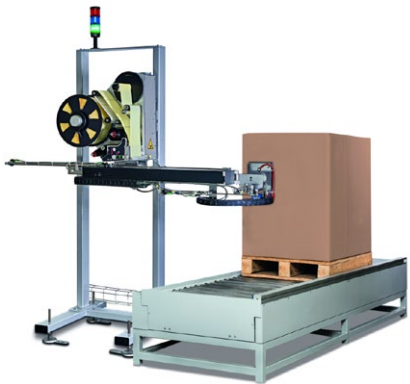
(02) 15012345678907 (17) 140308(37) 110

(00) 050123450001234563 (10) 1234AB

033-08



Logopak pallet labellers have a one-stop option to apply labels to 2 sides in a single stop.



## 700 Series

### A5 labels up to 2 sides

The 700 is our entry level pallet labelling system yet capable of delivering the reliability Logopak labellers are known for. This labeller is perfect for clean warehouse environments where a steel enclosure is not absolutely required. It is GS1 compliant capable of applying 2 labels per pallet up to 120 pallets per hour.



## 800 Series

### A5 labels up to 3 sides

The 800 is our standard pallet labeller with 2 or 3 applications per pallet. The steel enclosure protects the labeller in harsh environments and provides safe working avoiding the need for security fencing.



## 200 Series

### Offline Printer

The 200 series are heavy-duty offline printers that are compatible with the rest of the Logopak range. The 200 can produce a label that can be applied by hand for any pallets requiring manual intervention, such as part-pallets or rework.


## Logopak pallet labeller options

- Variable labelling height
- Climate control (heating / air conditioning)
- Internal lighting and pressurisation
- PLD safety performance level
- Single pallet stop for 2 labels
- A4 label option
- Barcode validation





/// // /// //



**Sorter**



## Picked orders

## Auto carton line

**Manual  
packing  
line**

## Packing bench

### Scanner array to ID order

### Bagging machine with carrier labeller

**Auto  
bagging  
line**

## Picked orders

LSNA Pick & Place  
Ship note / invoice



Damage which cannot be seen from the outside must be notified to Geopost in writing within 7 days		<b>DPD</b> <b>www.dpd.co.uk</b>	
<b>Perfect Barcodes Ltd</b> 47 Brent Street Long Whitten West Yorkshire, England BX12 4NZ		<b>1 of 1</b>  Con Weight: <b>15 Kg</b>	
Contact: John Smith Phone: 01934 892333 Additional info: Deliver to side entrance or loading bay 3 behind reception		Sender: 204524 Euro Distribution Birmingham Depot 4458543/443	
<b>1550 1900 5423 93 P</b>		<b>NEXT D</b> SER	
<b>FR-1234-MRS9</b>		<b>T30</b>	
41		101-FR-13090 DGFRRGYTLLQWXCDFRAFR1234	
			
0013 0901 5501 9011 2345 6101 250 3			

## Case labelling



### TBHS

Short telescope with high speed press on precision applicator.

### B90

No contact high speed 'blow on' applicator. Up to 100 ppm dependent on label size.

### TB

Telescope application for product at varying heights (top label) or width (side label).

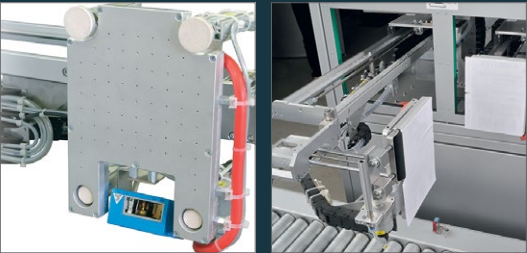
### F

High speed carbon fibre applicator for front application (above).

### F90

High speed carbon fibre applicator for front application (side).

## Pallet labelling



### PF/P2/P3

Single telescopic applicator that can apply labels up to 3 faces.

### DK

Dual telescopic applicators that apply simultaneously to to the front and side faces of the pallet. High speed application.

## A solution for every application



## Bespoke systems

Our development team in Germany love a challenge. However complicated or difficult the situation, using advanced bespoke engineering they will develop a solution.

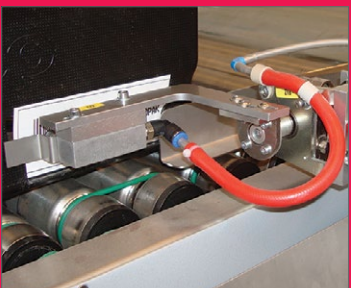
## Case study

This Co-op system is an example of the bespoke system design in which Logopak excels. Instead of a traditional pallet label, the Co-op needed a card that could be inserted into the re-usable transit crates they use to transport product to their stores.

Logopak developed a solution where information which typically would be printed on a label, (barcode, transit and store information) was printed on a card, which was then guillotined and inserted into a slot on the side of the re-useable crate.

When the crates are returned, they go to the picking area to be refilled and labelled, however some crates were being returned with old cards still in place. Because this area of the operation is totally automated, another checking process was needed to assess whether the card slot was empty prior to entering the 'pick face'.

Logopak developed an addition to the line which includes a scanner to check if the card slot is empty when the crates are returned to the line. If the scanner detects a barcode is present, an automated arm removes the card before the crate continues along the line to the picking area to be filled, and a new card inserted.



Card removal



Card insertion



Returnable transit crate with card inserted

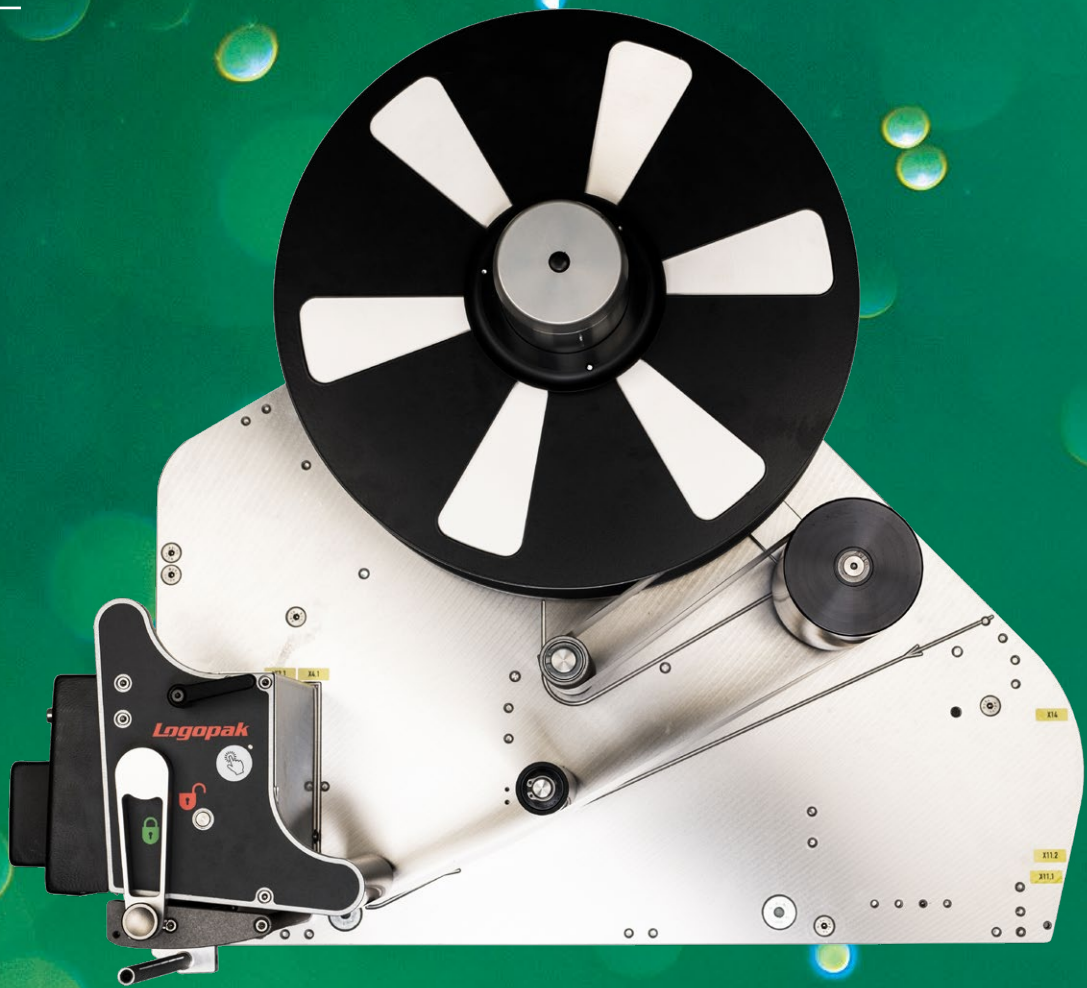


# Linerless Labelling

Conventional labelling with self-adhesive labels creates a huge amount of waste in the form of silicon release liner. Once the label is peeled off the liner, this material is destined for landfill or energy recovery as it is really difficult to recycle. Even the world's paper manufacturers realise this problem and have developed and invested in manufacturing Linerless materials. Logopak's Linerless technology now brings sustainable, eco-friendly labelling to the print and apply world putting an end to this waste.



The waste in the factory



400 Linerless Series - made by Logopak

## The benefits of linerless labels over traditional labels

### Which saving matters most to you?

#### Label Material Cost

A roll of traditional material is typically 40% backing paper. Of course, with a linerless system, the cost of this silicone backing paper is saved right at the paper mill. Linerless can deliver a 10% saving over standard label rolls.

#### Environment

When producing an equivalent roll of linerless material\* instead of traditional labels, 35000MJ of energy and 4500 litres water are saved for the environment.

#### 1400KG of CO2

1million 100x100mm normal labels weighs 1660kg of which 650kg is direct unrecyclable waste in the form of backing paper. With no backing paper needed, Linerless saves 1400kg of CO2 normally emitted when producing 650kg of backing paper.

#### Transportation costs and CO2

With 40% more labels per roll, 6 pallets of linerless is the same number of labels per roll as 10 pallets of traditional labels.

#### Machine Maintenance

With no liner to rewind and collect, a linerless machine is far simpler with less wear and tear parts to maintain.

#### Label converter costs

As the linerless label rolls are slit to width at the papermill and cut to length at the line, no local label converter required so saving the cost of this extra process.

#### Warehouse spare

With 40% more labels per roll, 6 pallets of linerless is the same number of labels per roll as 10 pallets of traditional labels freeing up 4 pallet spaces.

#### Inventory

One stock / part code is able to be used for multiple label lengths as the label is cut to required size at the production line. Also, linerless is direct thermal material so no thermal transfer ribbon stock needed.

#### Downtime

40% more labels per roll equals less stops for label roll changes.

#### Waste

Reduced with no liner, no cost for collection and disposal of waste glassine liner of CO2 produced when burning liner for energy recuperation.

\*Saving for 1 million 100x100mm labels



# Software

## Powerful, flexible, scalable.

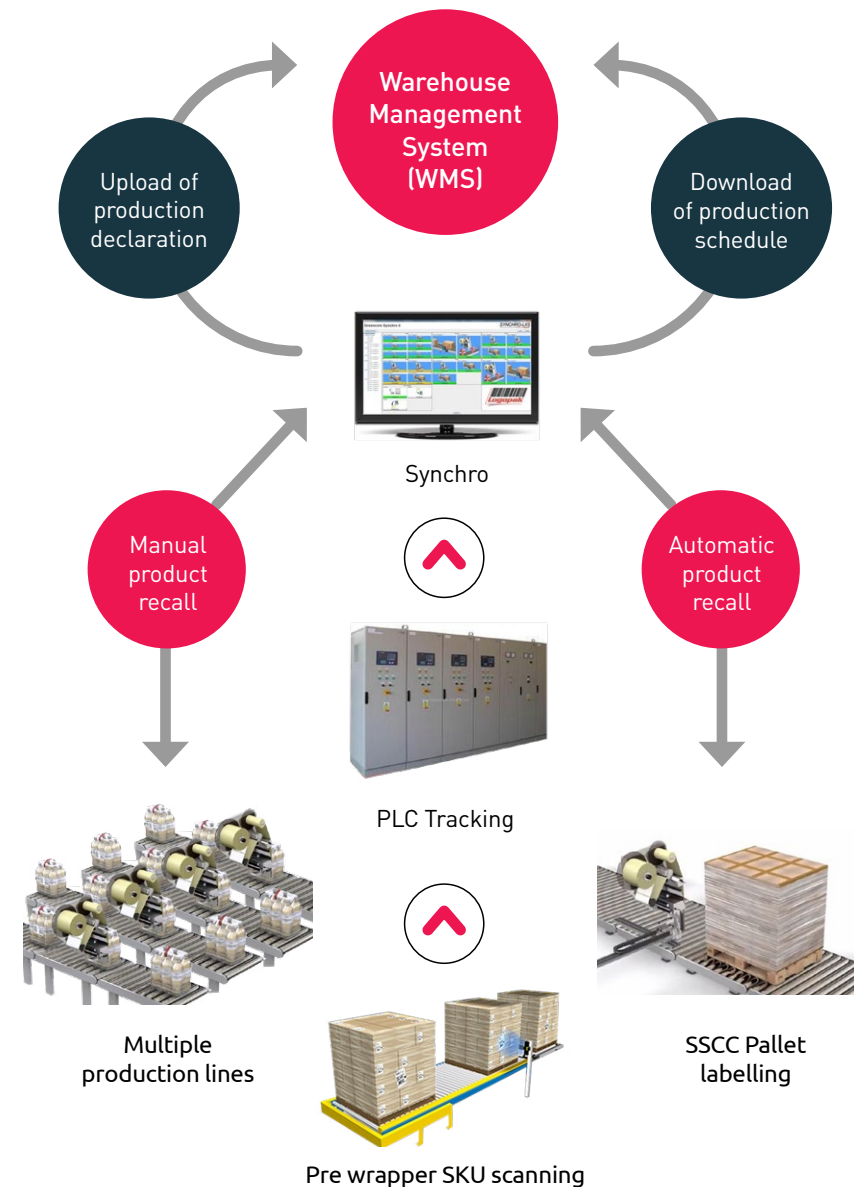
Logopak are leaders in the development of PC-based industrial software solutions, and they form an integral part of our complete solution.

Synchro is the core component of the Logopak software suite. Its role is to co-ordinate the print and apply process with a highly adaptable and flexible set of interfaces. It is capable of communicating with multiple Logopak printers, barcode scanners, PLC's and MS-SQL Server databases. Data for label generation can be supplied via configurable ASCII interfaces, directly from SQL databases, or input manually if preferred. The clean user interface provides a simple overview of all your active communications.

### Data recall can be achieved via the following methods:

- Handheld or fixed line barcode reader
- Manual recall via labeller touch-screen, or PC screen
- ID strings from a 'look-up' pallet scanner or PLC

Additional software modules provide a barcode validation suite, and tools to query data, produce reports, and ensure consistency in product identification. These modules work together giving a suite of products essential for the production environment, preventing barcode issues from escalating into costly fines and returned product, and allowing traceability throughout the distribution network.



## Synchro

Powerful and flexible, can be scaled to suit multiple labelling systems either in batch or real-time. Capable of connecting to ERP/WMS system and providing a local product information database.

## iQuest

Allows the user to query production data and generate reports. Instant searches to generate production statistics and allow case-level traceability of product.

## iVigilance

Provides a barcode validation suite to monitor barcode integrity and provide a detailed report of good / bad reads.

## iValidate

Checks product, case and pallet labels against original documentation, eliminating risk of goods with incorrect or illegible label entering the supply chain.

## SAP integration

Synchro-SAP software allows Logopak pallet labellers to integrate directly with SAP factory management systems to access label data.





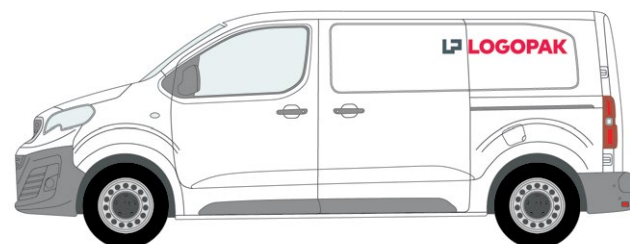
## Award winning customer service

At Logopak we take our aftersales service very seriously. Our fresh approach to preventative maintenance has resulted in us receiving the PPMA Customer Service Award, with the judges recommending that more OEM's try to emulate our high standards. Achieving great levels of service and reducing downtime is our goal.



## Service Engineers

- The first telephone point of contact is an experienced Logopak print & apply engineer
- Large team of field engineers strategically placed for a quick response
- All Logopak engineers are experts in print & apply
- Logopak vans carry a full set of spare parts



## Consumables

Our thermal transfer labels and ribbons are manufactured to give the best possible print quality of barcodes and to assist in automated scanning & verification in the distribution chain.

We apply the same philosophy to our thermal transfer labels and ribbons as we do to our market-leading print and apply machines. We expect the best, and we only supply the best. Our thermal transfer labels and ribbons match the quality of our machines.



### Thermal Transfer Labels

Logopak supply high quality, bespoke labels for both Thermal Transfer (in conjunction with our solvent-free printing ribbons) and Direct Thermal printing. They are manufactured from the best available self-adhesive materials, sourced from leading European suppliers.

Our thermal transfer labels are supplied on heavy duty 8mm thick cores for stability and to prevent crushing. As standard we also have a 1 metre lead of blank liner on every reel to ensure minimum down time during reel changes.

### Printing Ribbons

As well as thermal transfer labels, we also supply high quality, solvent-free thermal transfer printing ribbons. These are to our unique formulation and are exclusive to Logopak. They have our own pre-printed 'lead in' tape, so you know you're getting a genuine Logopak product and have robust plastic cores, with a spare for waste rewinding.

We stock a wide range of standard sizes ranging from 75mm to 210mm in width and 300m to 800m in length, and always tailor these to fit with your label reels for ease of use – 1 roll of foil prints one roll of labels. All ribbons are also supplied with a Logopak pull-through card to thread up the printing ribbons with minimal fuss.

### Waste Label Liner Collection

For bulk label users Logopak can arrange to collect your waste label liner every time we make a new delivery. Labels are supplied with minimal packaging and are delivered in our exclusive robust Logopak storage pallets. When you've used the labels, simply place the waste liner back in the pallet and we'll take it away for you.



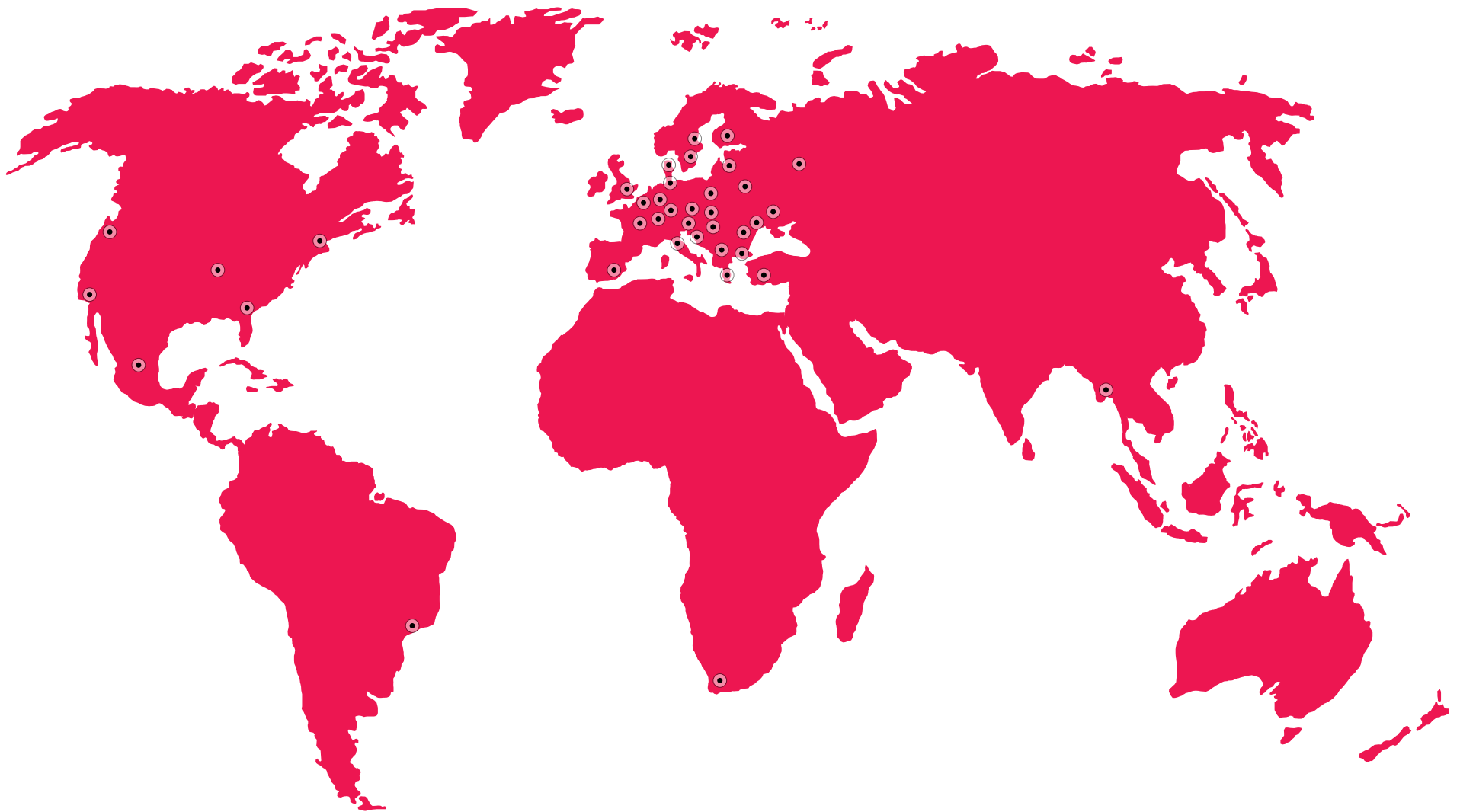
Bar Code  
Accredited



Industry  
Partner







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