



etipack
FOOD

TECHNEWS

Wrap-around labelling for
buckets of catering sauces



Custom System 1 Turning for wraparound labelling of multi-format food containers



THE CUSTOMER

► LEADING FOOD PROCESSING AND DISTRIBUTION COMPANY

The client is the subsidiary of a major U.S. supplier company for fast food and retail industry. It processes and distributes food products (liquids, meat, dairy products) and offers solutions for the entire supply chain. It operates in several countries around the world, serving numerous customers and restaurants with high-quality liquid products and advanced distribution services.

► THE CHALLENGE

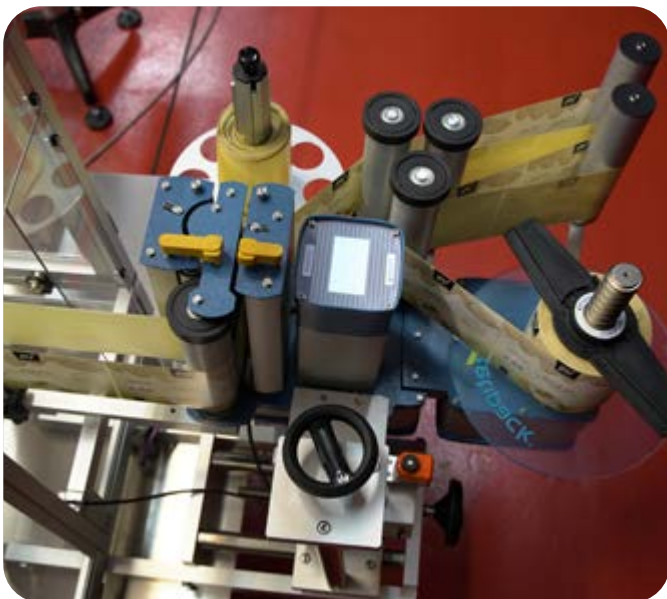
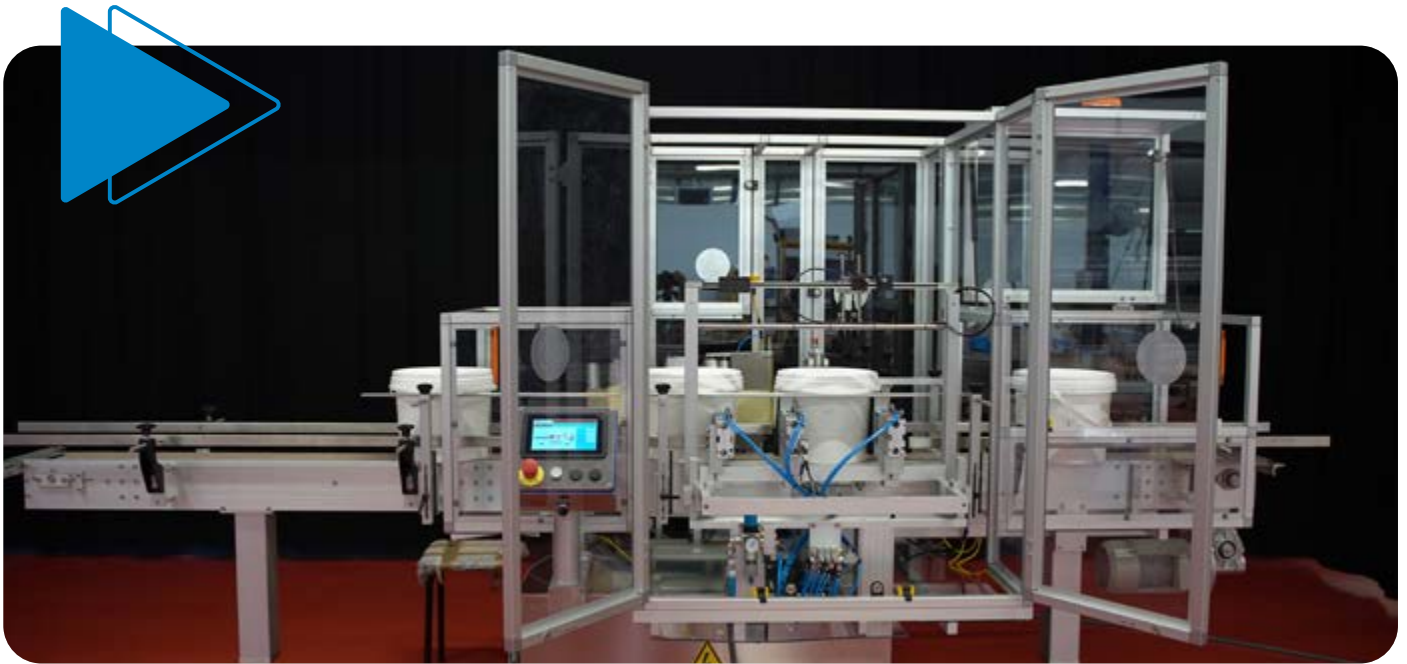
Effectively label containers in different formats, managing handle presence and label orientation

In the professional food industry, where speed, order and traceability are essential elements, labeling is a strategic step in the production process. The customer was looking for a solution to be able to **label two types of products with a single system: cylindrical buckets with handles** of different sizes (from ø 151 to ø 284 and height from 160 to 330 mm) and **rectangular jerry cans** containing sauces for industrial catering. **In addition to handling format changes**, the solution particularly had to meet the need to **accurately apply semi-wrap labels considering the presence of the handle**. In fact, this peculiarity made it **necessary to orient the products and manage the handle correctly** to avoid it getting in the way of application in the desired area.

► THE SOLUTION

System 1 Turning with guide for handle support and roller system for applying label in place

To meet all the requirements, **Etipack** has designed an automatic labeling system **System 1 Turning** equipped with a **system for conditioning and format change-over - up to 6 different formats - and custom-designed guides to lift the handle** of products before the labeling stage. The process involves an operator to direct the product so that the guide can lift the handle. The conveyor system offers the ability to **set variable** speed and process full buckets weighing about 13kg.



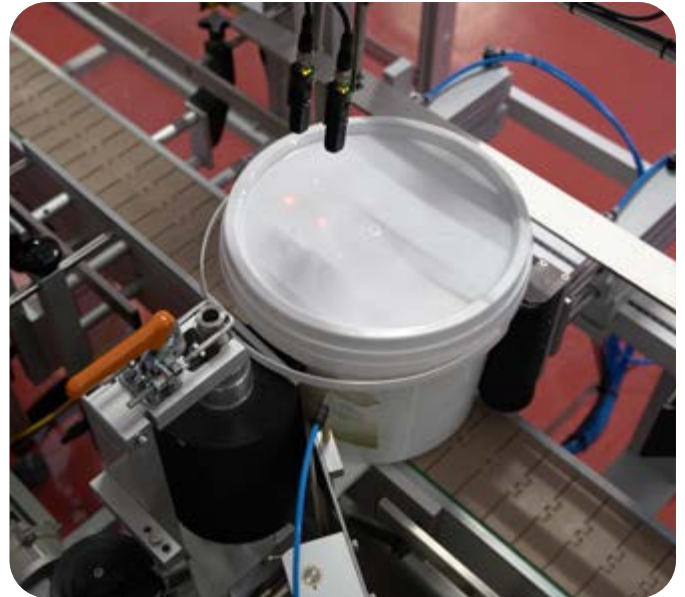
► LABELLING MACHINE ENERGY 200

The system is equipped with an **Energy 200 automatic labeling machine** with a stop photocell on an end bar with stand, for taking the label pitch and stopping at a predefined point.



▶ THREE-ROLLER TURNING DEVICE

To manage the wrap-around application of the label in place on the product, the system is equipped with a **Turning orientation device complete with a product spacer** with reinforced cylinder, motorized roller and two opposing free rollers **to hold the product in place and by rotating it on itself, to apply the label.**



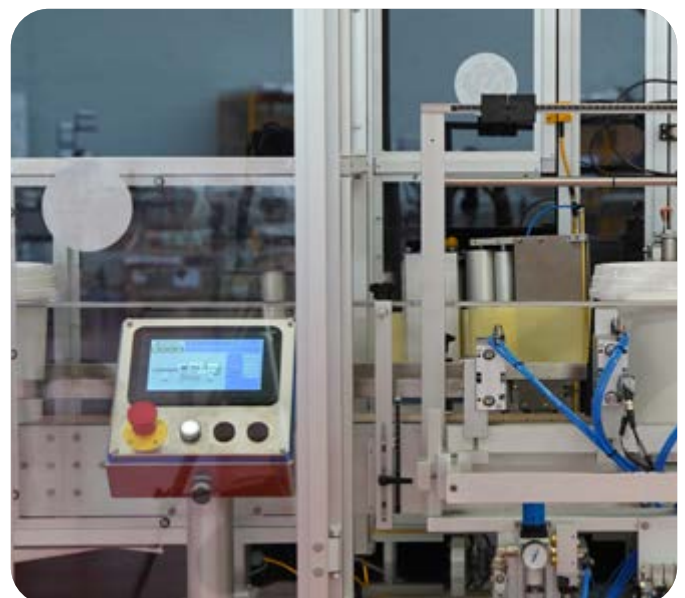
▶ LABELLING AND CONTROL

The presence of a **custom pad allows for label suction after dispensing.** The system is equipped with a **Tastex photocell for reading product presence.**



▶ OPERATOR PANEL FOR MANAGEMENT

All system functions can be managed through a **control panel with a 7" wide resolution 1024x600 display with intuitive graphic capabilities and extensive customization possibilities** to enhance operator interaction.



Precision application and perfect manipulation of products with handle



▶ THE RESULTS

Etipack's custom-designed, automated solution for semi-wrap labeling of multi-format containers for industrial foodservice provides maximum reliability, even with critical elements such as handles, and adapts quickly to format changes, helping to **improve productivity and reduce error margins**.

The fitted guides designed to lift the handle of products before the labeling stage **and the presence of a three-roller system ensure perfect and accurate labeling**. A design that puts functionality at the center, meeting the practical needs of food companies engaged in large-scale distribution.

PRODUCTION SPEED



up to **17 PCS/MIN**

For the cylindrical format with smaller diameter

up to **30 PCS/MIN**

For the quadrangular format

WATCH VIDEO





ABOUT ETIPACK

Etipack SpA designs, manufactures and sells industrial systems for **labelling and coding** with self-adhesive labels, **feeders and pick and place machines** for product distribution and handling. Since 1978 a leading company in its sector in Italy, and one of the largest in Europe, Etipack is an international company and **member of the Possehl Identification Solutions division** under the German Possehl Group.



etipack.it



marketing@etipack.it



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