

Case Study

Tampereen Lihajaloste Oy - Finland
Meat and ready meals producer



Founded in 1949 at Tampere in South Finland, the company Lihajaloste Oy has been producing meat and ready meals for three generations; it's an historic firm which in the 60's used to sell sausages with a pedal cart at the bus stops and that today provides markets and restaurants with cooked meat and other ready meals.

THE CHALLENGE

Lihajaloste Oy was looking for a **Weigh-Price Labeler** in order to weigh and apply a sales label to ready meal trays like lasagne, mashed potatoes, sausages and vegetables.

The application objects were **trays** measuring 245 (W) x 310 (L) x 100 (H) mm max, in a weight range

from 100 g to 5 kg.

The labeler had to print and **apply on the top of the product, labels** with the following information: company logo, weight, bar code, expiry date and ingredients. Moreover a solution had to be found to **identify trays with non-compliant weights**, without using an ejection system to discard them.



THE SOLUTION

NEMESIS built for the customer a **K Series Weigh-Price Top Labeler** with 3 tapes, a maximum scale capacity up to 8 kg, a scale interval "e" = 2 g, a maximum belt

speed of 30 m/min. The software was so configured as **not to label under- and overweight products** with respect to the compliance values set up by the machine operator, thus meeting the original request of easily differentiating non-compliant trays.

best instructions about how to use the program and **design his favourite label layout**, how to import it in the labeler memory and store it ready-to-use together with the relevant **product programs /PLU (up to 9999+ stockable programs in memory)**.



The customer was then supplied with a laptop where label design and program management softwares were already installed and configured by Nemesis, thus assuring an easier and faster machine start-up. A complimentary technical course in distance learning was then given to the customer to provide



THE BENEFITS

- 100% net weight control with resulting **compliance of market legal requirements**
- **Real-time monitoring and adjustment of meal quantity** in trays in case of non-compliant weights
- **Increased productivity** thanks to automation
- **Increased process reliability** due to automatic weighing

- **Accurate price indication on labels** according to the real weight of every tray and the unit price entered by the operator
- **Total customization of label design**
- **Immediate start-up of the machine** thanks to Nemesis laptop and technical course supplied

- **Visible selection of compliant trays** from non-compliant ones
- **Full traceability of production batches** and higher process transparency
- Automatic and quick collection of **statistical production data** about quantity, weight and possible discards