

## PROPACK PRODUCTION MANAGEMENT AND TRACEABILITY SYSTEM



Propack is a software that aims to supervise production control by collecting data from equipment installed within the production unit. Data is collected from several equipment such as Industrial Terminals, Checkweighers and Weight Graders, Overhead Graders, Industrial Collectors and printers.

The system is designed for the food industry, where agility and real-time information control are essential to increase traceability and production yield.

### Characteristics:

- Complete management of the production process;
- Cost reduction;
- Data Safety;
- Flexible modules with integration to any ERP, allowing you to manage and monitor the production schedule;
- Allows communication with equipment already installed in the industry, creating closed loop control processes;
- Real-time monitoring and control of production.



### TERMINAL LK200

LK200 industrial terminal is a programmable equipment in C++ for general use in the food industries. It has three RS-232 serial ports, four inputs, eight outputs and Ethernet.



### TERMINAL LK100

Lenke LK100 industrial terminal was developed to meet the needs of the food industry in having a simple and robust terminal, installed inside the processing area.



The stainless steel case and stand are important parts to preserve the equipment and reduce downtime and premature wear due to lack of protection.



### AUTOMATIC PRODUCTION DATA COLLECTION

Each data collection station is equipped with an industrial computer and cameras/barcode readers to ensure reliable input of data that is integrated with management software for full traceability and yield control.



### RFID TECHNOLOGY

Lenke has a wide range of solutions that include RFID readers technology for fast and accurate communication.



### PRINTERS, DATA COLLECTORS

Lenke software connects and interacts with all major suppliers of printers and data collection devices on the market ensuring fast and easy setup.



## COMPANY

Lenke was established in 1995 and over the years it has become specialized in solutions for the food industry, focusing on industrial weighing and software for production management and traceability. Lenke has highly skilled technicians and consultants who analyze different needs and offer customized solutions.



### WEIGHT GRADERS

### PACKAGING SCALES

### CHECKWEIGHERS

### OUR GROUP

Lenke Food Systems and Lenke Automação are leading companies in the supply of equipment and solutions for the food industry. Present throughout the country and abroad, always improving products and services to serve customers with excellence, our greatest asset.

### PRODUCTS AND SERVICES

Lenke products are the result of intensive investment in research and development integrating software with electrical and mechanical solutions. We also provide a wide range of consulting services in order to deliver the best available solutions to our clients.

### BUILT TO LAST

In the food industry, there is a need of robust high technology equipment that can run 2 or 3 shifts daily with minimum maintenance. Lenke manufactures weighing equipment for harsh and wet environment for many years, and has built a solid reputation as an industry leader.



# PRODUCTS

Lenke products are the result of intensive investment in research and development integrating software with electrical and mechanical solutions.

## Technology and control of the whole production process in your hands.

# LENKE



### VP1200

Lenke VP1200 Checkweigher guarantees the weight of the boxes and automatically performs the production recording. On the inlet conveyor, a fixed scanner reads a primary label on the box, where it identifies the product. The information is processed and each product has its weight tolerance verified. If the product is within pre-programmed weight tolerances, the box is recorded in a customer database. If the weight is not according to the tolerances, the box is rejected and the recording is not made.

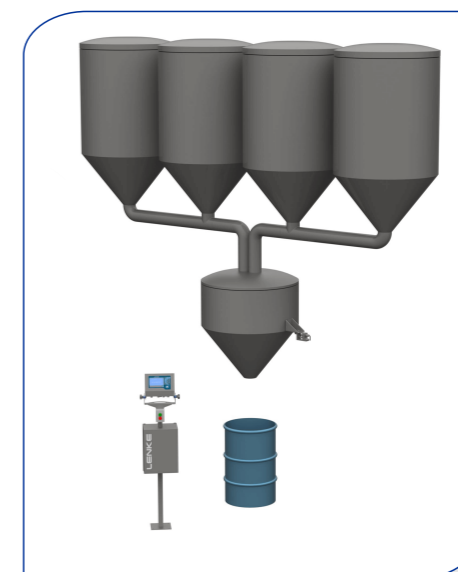
### CL3500

Lenke CL3500 weight grader has a state of the art technology to meet the demanding requirements of food industries. The product is weighed at high speed and a powerful industrial computer distributes the product through pneumatic gates according to the weight range. The equipment is custom-made and the customer determines the number of arms he needs on the machine. Each arm represents a weight range and the ranges are determined using the LK200 indicator.



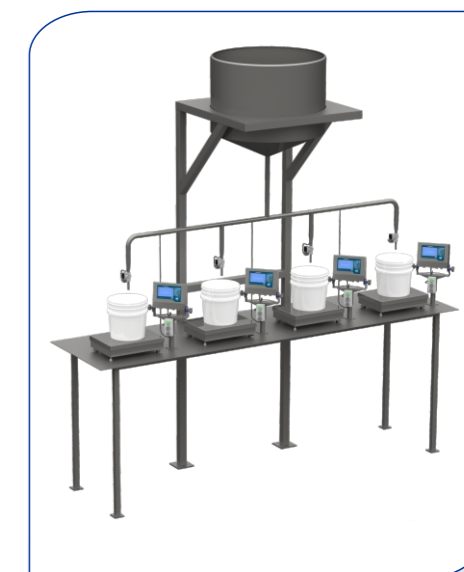
#### LK205.C1

The scale is programmed by the customer, who determines the number of grades. The product can be frozen or fresh.



#### LK205.D1

Our formulation solution guides the operator safely and quickly through the daily formulation work and helps minimize deficient batches.



#### LK205.E1

This solution was developed for filling different liquid or solid products, such as paints, solvents, grains, bran and powders that are contained in silos.

### AP300

Lenke AP300 Label Applicator Printer is designed to enable efficient production flow with automation of the labeling process. The machine is controlled by the LK200 industrial terminal and can generate several label models on the same production line.

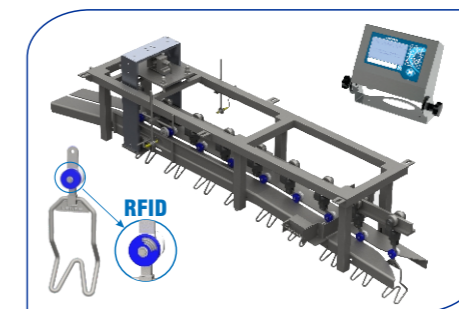


### CA12000

The Bird Counter CA12000 is a precise and robust equipment that has proven its efficiency in several installations in Brazil and abroad. Through it, the counting of the birds that are hung on the overhead hook is performed. The count is done through two photoelectric sensors that register the presence of the hook and the bird simultaneously.

### LK2500

Lenke LK2500 scale is at the same time accurate, fast and robust. Constructed of stainless steel, it is designed to work in high humidity environments where weighing speed is extremely important. To increase hygiene, safety and facilitate movement within the factory, the LK2500 has a model with a battery with autonomy of up to 48 hours, thus eliminating the need to have 220V in the processing room, which in places such as further food processing area represents hazard and it is a source of contamination.

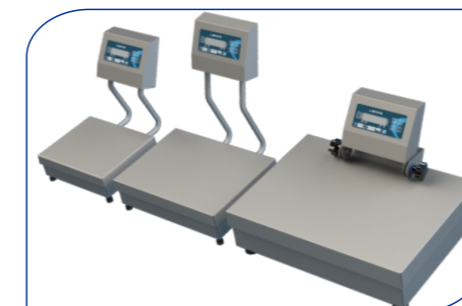
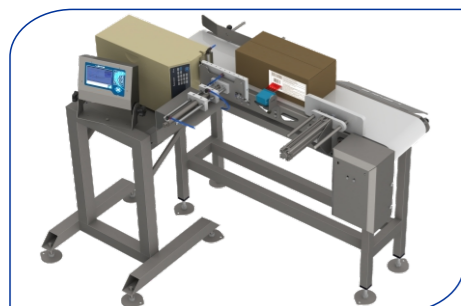


### LK205.P1

Lenke LK205 weighing scale, production recording and label generation was developed to monitor and ensure that products are packed within the weight tolerances defined by the company's quality sector. With multi-language label printing and traceable barcode generation, the product barcode can be read anywhere in the world, reliably and securely, adding value to the product.

### VP9000

Lenke VP9000 Checkweigher was developed to meet the industry's need to ensure the weight of the products. Filling machines tend to have occasional failures and can lose calibration all of a sudden. The VP9000 ensures this monitoring efficiently, avoiding losses for both the company and consumers



### CPL12000

CPL12000 is a high speed overhead weight grader that has the option of RFID tags casted to the shackle ensuring IP69K protection. Using RFID readers on each drop station allows for accurate discharge of birds under almost any condition. High accuracy and capacity of 12000 birds per hour makes the CPL12000 the best choice in the industry.

