



**RAHAMINCO**

TRADING COMPANY



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## Egg Loader:

The loader machine is placed at the beginning of the packaging line to transfer the eggs to the candling and sorting machines.

The loader is designed and produced in two types: automatic and semi-automatic.

**Fully Automatic Loader:** In this type of loader, eggs are removed from trays using suction cups and placed on the candling rollers with proper timing. After inspection, empty trays are automatically stacked together using electromechanical sensors by a tray stacker.

**Semi-Automatic Loader:** In semi-automatic mode, eggs are placed on the accumulator for alignment using a manual egg lifter and then enter the candling process.



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## **Egg Grader:**

The egg grader machine is used to sort eggs by weight. After passing through the candling process and ensuring their cleanliness and quality, the eggs enter the grading machine, which, using systems equipped with PLC and load cells with a precision of 0.5 grams per 2 kilograms, sorts the eggs into grades as set by the operator.

Graders are produced in two types: industrial and economy, depending on the packaging unit's needs and requests.

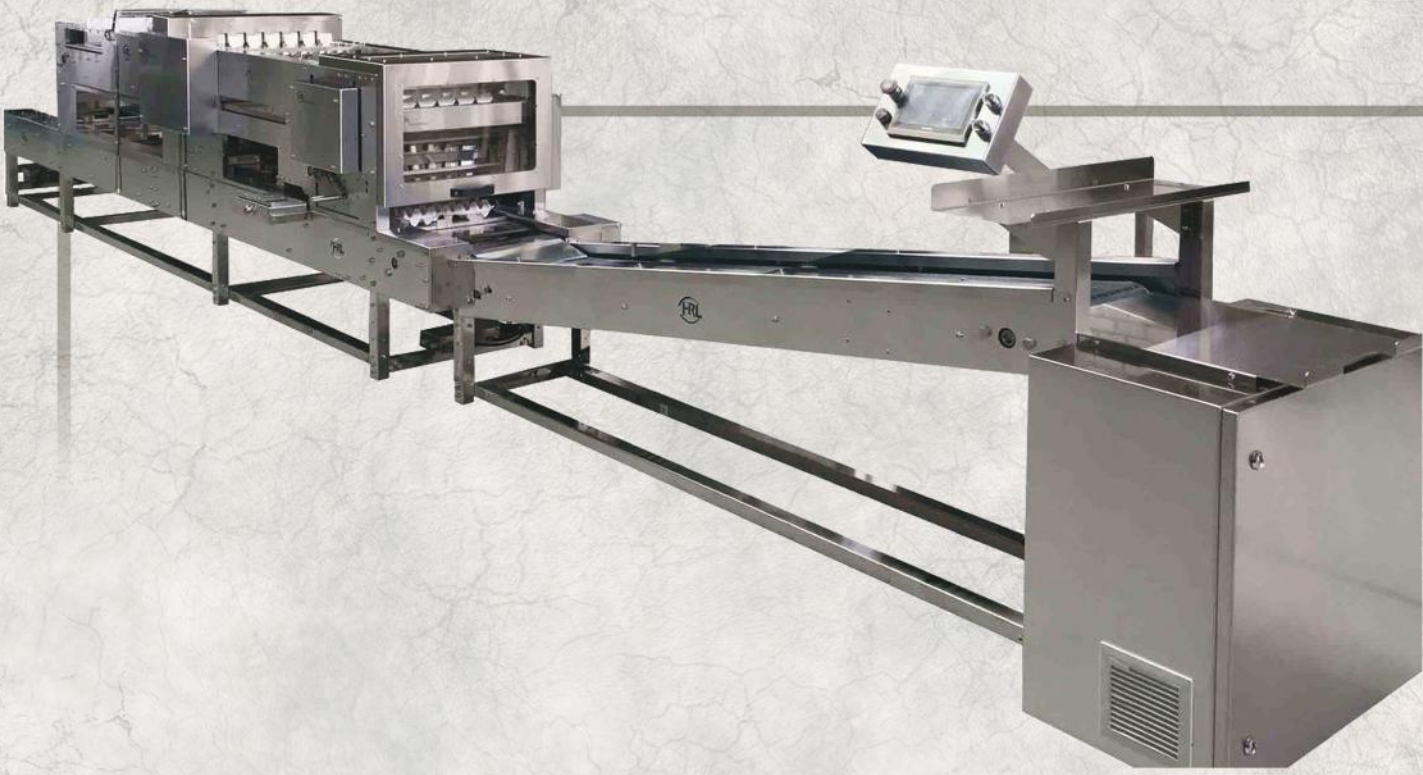




### **Economy Grader:**

**One type of grader is the economy grader, which has fewer output grades and is economically suitable for units with lower capacity and limited product variety.**

**In this machine, the output grades are stacked on top of each other, which is why only the primary grade can be connected to the packer. Grade 2, positioned above the primary grade, is designed for larger eggs, while Grade 3 is for smaller eggs. Naturally, Grades 2 and 3 contain fewer eggs and are collected manually.**



## **Egg Packer:**

The egg packer is used to collect and arrange eggs into different types of cardboard or plastic trays. Using a special mechanism, the machine arranges the eggs in the specified number per tray, placing them neatly inside.

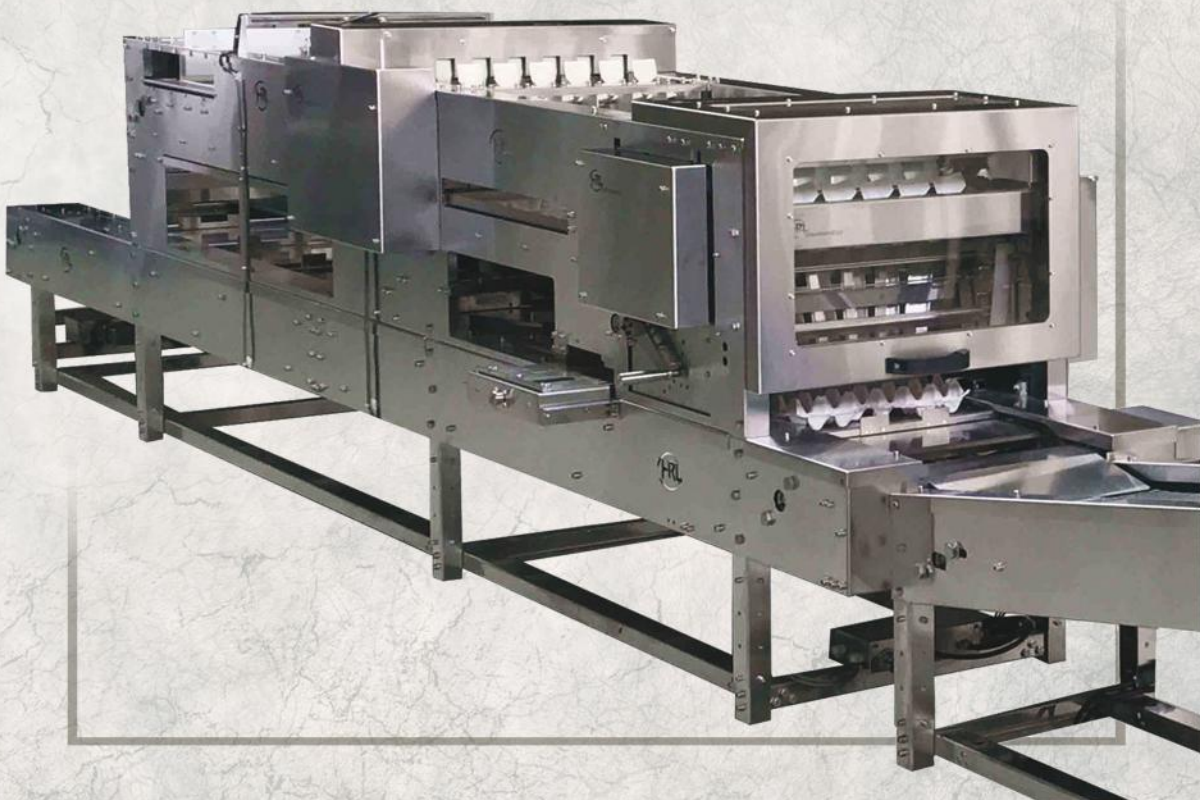
Packers are available in three types: sorter packer, normal packer, and economy packer, installed based on the volume of eggs, needs, and the facility's capacity, with expert guidance.

### **Sorter Packer:**

The sorter packer is the most advanced type of packer, with a nominal capacity of 36,000 eggs per hour. It can collect and arrange eggs in various trays and, since it can connect to a grader or divider, is designed for high-capacity production units.

**Normal Packer:** It has the same capacity and precision as the sorter packer but cannot connect to a grader or divider, making it suitable for medium-capacity production units.

**Economy Packer:** This type of packer can arrange eggs into 30- or 20-egg cardboard trays with a nominal capacity of 25,000 eggs per hour. Due to its lower variety in arrangements, it is economically suited for smaller production units.

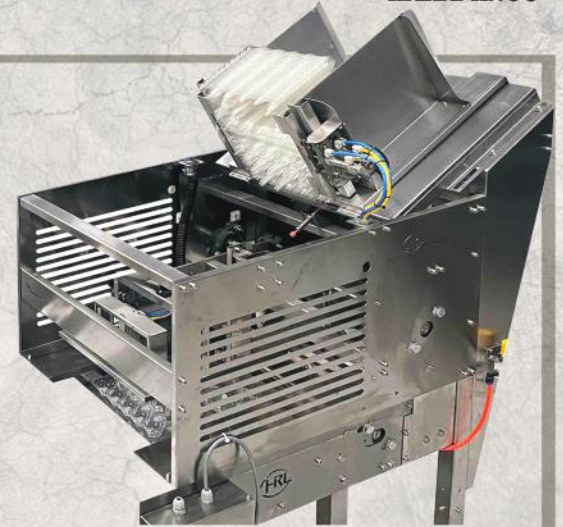




### **Tray Feeding:**

For arranging eggs in trays using different packers, there are three tray feeding methods:

**Manual Feeding:** In this method, trays or plastic containers are manually placed one by one into the machine by the operator.



### **Egg Printer:**

The egg printer is designed for printing various texts, dates, logos, barcodes, etc., on eggs.

Printers are divided into normal, packaging, and manual types, each suitable for different packaging shapes and production capacities.

### **shoulder feeding:**

In order to arrange the eggs by different types of packers in the comb, it is possible to feed the comb in three ways.

### **Manual feeding:**

In this case, the combs or talqi containers are placed inside the device by the user one by one.



## shoulder feeding:

In order to arrange the eggs by different types of packers in the comb, it is possible to feed the comb in three ways.

### Manual feeding:

In this case, the combs or talqi containers are placed inside the device by the user one by one.





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