



**109 EGG GRADER**

**Features**

- ◆ Made of strong stainless steel for great durability and hygiene.
- ◆ Includes accumulator & candling & head turning & UV sterilizing, grading & counting, auto packing and manual packing functions all in one machine with a capacity of 30,000 eggs/hour.
- ◆ This model of egg grader is featured with a color touchscreen and PLC control system with self-diagnose function.
- ◆ Ideally, connect to an auto vacuum loader, making egg loading more easier and efficient, eggs will be loaded onto the accumulator of egg grader automatically.
- ◆ Eggs are transported to the candling section. You can check for any leaking, dirty, cracked eggs through LED lights by eyes, and remove them manually.
- ◆ Is equipped a LED candler with a stainless steel candling cover and a mirror for better candling results.
- ◆ This model of grader is also equipped with UV disinfection function which will sanitize the egg shell for maximum food security.
- ◆ Head turning makes sure the eggs are orientated with the bigger head (air chamber) on top for longer storage before getting packed.
- ◆ Eggs are weighed electronically and graded into 5~6 grades with an accuracy of within  $\pm 1g$ .
- ◆ It has a counting function as well, you can check how many eggs of each grade and total output per shift have been processed.
- ◆ Each auto-packer includes a drop-set unit, empty tray transfer conveyor and collection conveyor.
- ◆ Empty cartons/trays need to put onto the transfer conveyor manually, the transfer conveyor will transport the cartons/trays towards the egg drop-set to fill with eggs.
- ◆ The egg drop-set unit supports 10, 12, 15, 18, and 30 egg cartons/trays.
- ◆ Each size can be attached with an auto packer. It can be also connected to a manual packing table.
- ◆ The manual packing table can be split into 2~3 sections to accommodate 2~3 egg sizes if needed. Graded eggs will drop onto the sponge roller of the manual packing table, the roller will deliver the eggs to its collection section. You can collect the eggs from there and pack them into egg cartons/trays manually.
- ◆ Connect with the ZENYER 204A egg washer to set up the Zenyer 304A egg processing line with a capacity of 30000 eggs/hour.
- ◆ Ideally, connect the Zenyer 615 auto vacuum loader with the 109 egg grader, which makes egg loading easier and more efficient.

Model	ZYF-HDS6-4Z
Product code	109
Capacity	30,000 eggs/hour
Accuracy	$\pm 1g$
Grade	5-6
Power	7.5 KW, 50HZ
Voltage	380V-415V, 3-phase
Dimension (L*W*H)	11*8.9*2M
Net weight	1500 kg
Gross weight	2000 kg
Function	Accumulator, candling & head turning & UV, grading & counting, auto-packer, manual collection & off-grade table and optional printing

\* Power, net weight and gross weight are calculated according to the floor plan below.

