



109 EGG GRADER

Features

- ◆ Made of strong stainless steel for great durability and hygiene.
- ◆ Includes accumulating & candling & head turning, 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 equipped with a color touchscreen and a PLC control system with a self-diagnose function.
- ◆ Eggs are transported to the candling section. You can check for any cracked, dirty or otherwise unqualified eggs through LED lights by sight, and remove them manually. There is also a candling cover and mirror for better candling results.
- ◆ The optional UV sterilization sanitizes 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 4~7 sizes with an accuracy of within $\pm 1g$.
- ◆ It has a counting function, you can check how many eggs of each grade have been processed and the total output per shift.
- ◆ There are 4 auto-packers shown on the floor plan, you can choose to add more auto packers according to your situation.
- ◆ Empty cartons/trays can be individually loaded onto the empty tray conveyor which will automatically send the trays to where the eggs will drop from. Alternatively, the trays can be loaded a stack at a time if the machine has the optional auto-destacking device, which reduces the frequency which trays need to be loaded.
- ◆ The auto packer supports 10, 12, 15, 18, and 30 egg cartons/trays.
- ◆ Aside from the grades of eggs that are managed by the auto packers, all other grades of eggs will drop off onto the off-grade table, the table can be split into 2~3 sections to accommodate 2~3 egg sizes if needed.
- ◆ Ideally, pair with the Zenyer 615 automatic egg loader for egg loading, making egg loading easier and more efficient as eggs will be loaded onto the roller of egg grader automatically.
- ◆ Can be connected with the Zenyer 204A egg washer to assemble a Zenyer

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| Model | ZYF-HDS6-4Z |
| Product code | 109 |
| Capacity | 30,000 eggs/hour |
| Accuracy | $\pm 1g$ |
| Grade | 4-7 |
| Power | 6.65 KW, 50HZ |
| Voltage | 380V-415V, 3-phase |
| Dimension (L* W* H) | 7.8*8.6*2M |
| Net weight | 3060 kg |
| Gross weight | 4280 kg |
| Function | Accumulator, candling, head turning, grading & counting, auto packing and manual collection. optional auto vacuum loader, egg printer and UV sterilizing. |

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

