



111 EGG GRADER

Features

Option:



- ◆ Made of strong stainless steel for great durability and hygiene.
- ◆ Includes accumulating, candling, head turning, grading & counting and auto packing functions all in one machine with a capacity of 60,000 eggs/hour.
- ◆ This model of egg grader is equipped with a color touchscreen and a PLC control system with a self-diagnose function.
- ◆ Ideally, connect to the ZENYER automatic egg loader which makes egg loading more easier and efficient, as 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 or cracked eggs through LED lights by sight, and remove them manually. There is also a candling cover and a mirror for better candling results.
- ◆ The optional UV sterilization can 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 4-7 grades 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.
- ◆ 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.
- ◆ There are 8 auto-packers shown on the floor plan, you can add more auto packers according to your situation.
- ◆ The automatic packer supports 10, 12, 15, 18 and 30 egg cartons/trays.
- ◆ Aside from the sizes of eggs which are managed by the auto packer, 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.

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| Model | FBD170-8 |
| Product code | 111 |
| Capacity | 60,000 eggs/hour |
| Accuracy | $\pm 1g$ |
| Grade | 4-7 |
| Power | 13.36KW, 50HZ |
| Voltage | 380V, 50HZ, 3-phase |
| Dimension (L*W*H) | 11.57*10.54*2M |
| Net weight | 4280 kg |
| Gross weight | 6150 kg |
| Function | Accumulator, candling, head turning, grading & counting and auto packing, optional automatic vacuum loader, UV sterilizing, printing and visual AI egg detector. |

