

MOBA

GRADING - PACKING - PROCESSING

Egg grading

PRIMA 2000



THE PARTNER FOR PROFIT

www.moba.nl

Easy to clean and maintain

Simplicity: "mechanical programming"

Individual egg handling: "The gentle touch"



The Moba Prima 2000 is a reliable, economical no nonsense machine. A machine with a relatively low investment price enabling it to grow with your company needs in the future. The Prima 2000 is a stainless steel egg grading and packing machine with a capacity of 20,000 eggs/hour. By means of an Upgrade Kit, the Prima 2000 can be expanded to become a full Moba 2500 (30,000 eggs/hour).

Description

The infeed of the Moba Prima 2000 is equipped with a mechanical orientator and can be attached to an accumulator, a loader or a combination of both. A candling booth is standard on this machine. The entire machine handles all eggs separately without risk of cracks caused by colliding eggs. This is called the individual egg handling better known as Moba's "Gentle Touch".

The Prima 2000 can be equipped with automatic packing lanes and optional manual packing lanes. The automatic packing lanes are standard supplied with pin conveyors. The control system of the packing lane is user friendly; The packing lane movements are stored on an exchangeable metal disk, easy to understand and modify. New packages that become available in the future are also simple implemented by means of this system.

In addition to the automatic packing lanes, manual packing lanes can be used for any grades that occur less frequently. Both manual and automatic lanes can process the machines entire output. Unless you have logistic reasons to do so, there is no need to program multiple packing lanes for one grade. Automatic packing lanes always come in units of 2, while manual packers come in units of 4. The maximum machine configuration fits 4 automatic lanes and 4 manual lanes. (1 unit of 4). The automatic packing lanes also offer room for third party equipment such as labeling machines.

Standard features

- Maximum capacity 20,000 eggs/hour
- Stainless steel
- Pin conveyors to load packages
- PLC as reliable control system
- Quick programming via touch screen
- Handles large variety of packages
- Candling booth

Options

- Stainless steel single tray loader
- Stainless steel accumulator (+ various sorts extensions)
- Semi automatic candling
- Automatic crack detection
- Automatic denesters
- UV disinfection
- Inkjet provision (message selection per packing lane)
- Packing lanes in various combinations
- Egg stamping, coupon dispensers, automatic pack closers and box stamping

By means of an Upgrade Kit, the machine can be changed to a Moba 2500 with a maximum capacity of 30,000 eggs/hour.

Upgrade Kit enables the following options

- Stainless steel automatic loader suitable for stacks of 6 trays
- Extra packing lanes as in Moba 2500

Optional: Handpacking lane

Optional: Crack detection

Optional: Denesters



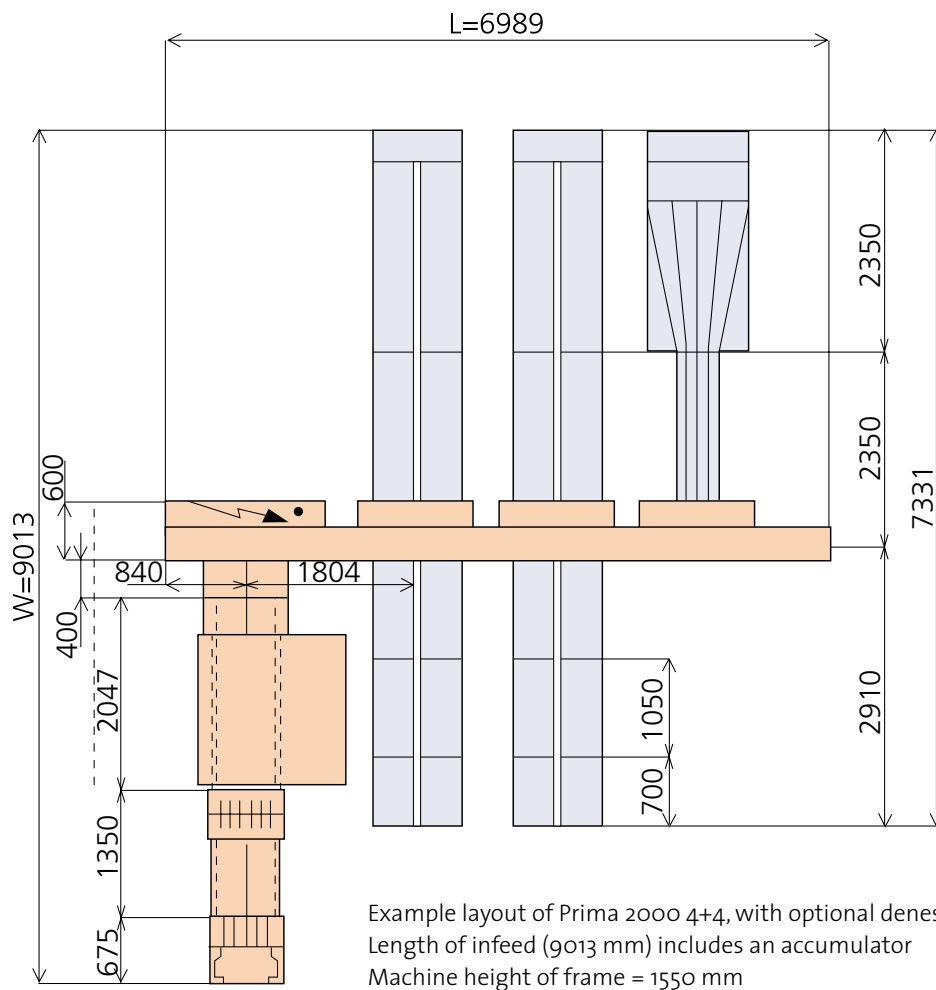
Specifications

| Technical data | | Prima 2000 | | | | |
|-----------------------|---|------------------|--------|--------|--------|--------|
| Minimum Capacity | | 15,000 eggs/hour | | | | |
| Maximum Capacity | | 20,000 eggs/hour | | | | |
| Number of infeed rows | | 6 | | | | |
| Packing lanes | Configuration | | | | | |
| Automatic | 2 | 4 | 0 | 2 | 4 | 0 |
| Manual | 0 | 0 | 4 | 4 | 4 | 8 |
| Length (L)* | 4037mm | 5513mm | 4037mm | 5513mm | 6989mm | 5513mm |
| Power consumption** | 5kVA | 6kVA | 4.5kVA | 5.5kVA | 6.5kVA | 5kVA |
| Power supply | Suitable for all 3 phase + neutral systems, both 200-230V and 380-420V, 50 or 60 Hz | | | | | |

* See lay-out on next page

** Indication without options





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