

MOBA

GRADING - PACKING - PROCESSING

Egg grading

MOBA 2500



PROFIT STARTS WITH CARE

www.moba.net

Easy to clean and maintain

Simplicity: "mechanical programming"

Individual egg handling: "The gentle touch"



MOBA 2500

The MOBA 2500 is the ultimate solution to the need for a modern, simple, reliable and economic egg grading and packing machine. A perfect combination of reliable, proven principles and modern technology, this machine provides you with years of worry-free egg grading. These properties, with the combination of simple plastic and stainless steel construction, make the MOBA 2500 the ideal egg grading machine for small and medium businesses.

Description

The infeed of the 2500 is equipped with a mechanical orientation and can be attached to an accumulator, a loader or a combination of both. A candling booth is standard on this system. From the start of the machine until the package, all eggs are handled separately without risk of cracks caused by colliding eggs. This concept is world-famous by the name of "individual egg handling". The automatic packing lanes start with a denester and pin conveyor. This combination has proved to be the most reliable and versatile system for many years. The control system of the packing lane is amazingly simple. The packing lane movements are stored on an exchangeable metal disk – easy to understand and easy to modify. Also new packages that will become available in the future are easily implemented by means of this system.

Features

- Maximum capacity 30,000 eggs/hour
- Individual egg handling
- Full stainless steel
- Easy to operate and to maintain
- Simple control PLC functions via touch screen
- Robust design
- Can handle a large variety of different packages (same as OMNIA series!)

In addition to the automatic packing lanes, manual packing lanes can be used for any grades that occur less frequently. Both manual and automatic packing 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.

Optional: Handpacking lane

Optional: Crack detection

Reliable rugged and easy to understand mechanics ensure reliable operation



Dimensions

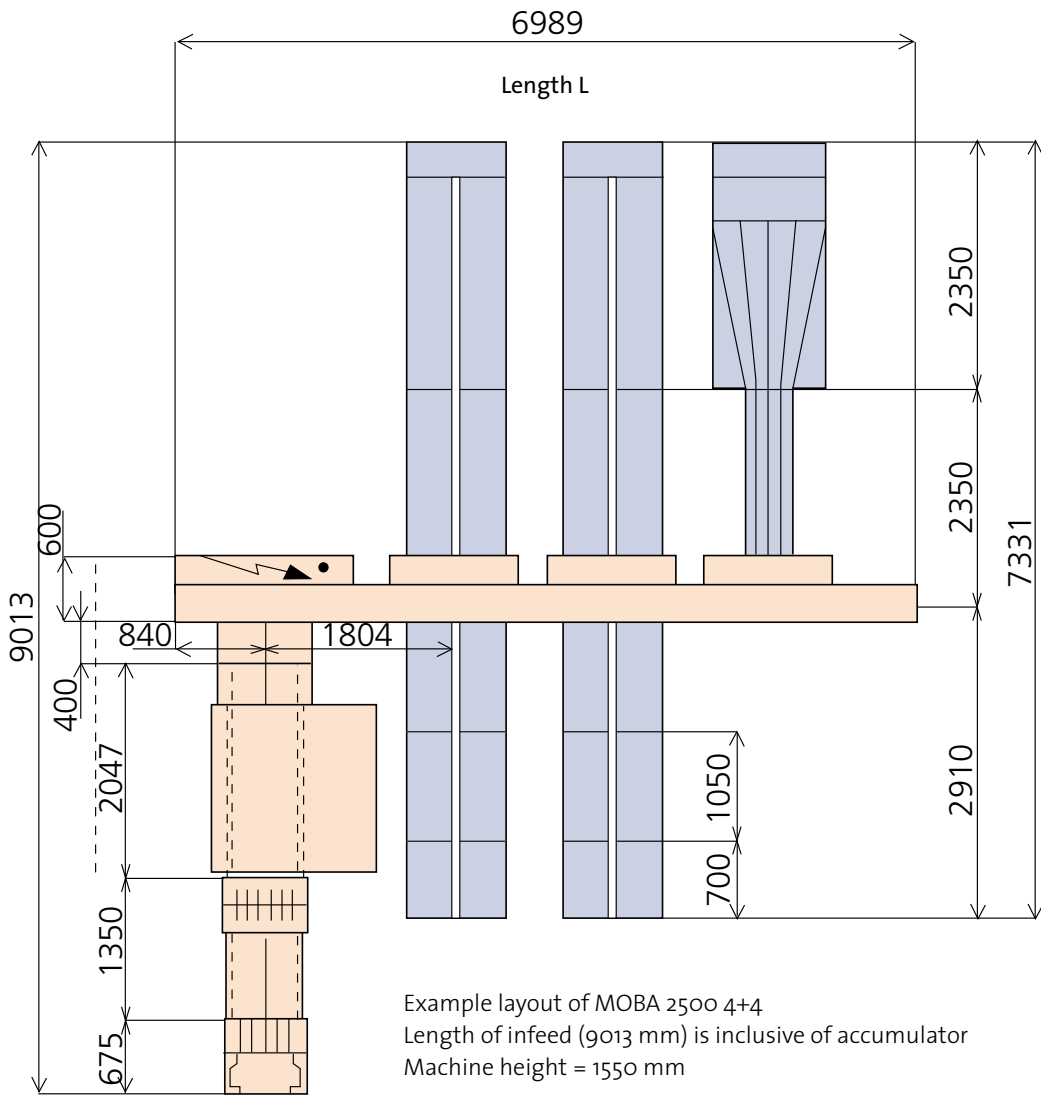
Packers	Configuration												
	2	4	6	8	0	2	4	6	8	0	2	4	0
Automatic	2	4	6	8	0	2	4	6	8	0	2	4	0
Manual	0	0	0	0	4	4	4	4	4	8	8	8	12
Length L	4037	5513	6989	8465	4037	5513	6989	8465	9941	5513	6989	8465	6989

The maximum machine configuration fits 12 outputs, for instance 8 automatic lanes (4 units of 2) and 4 manual lanes (1 unit of 4). The automatic packing lanes offer room for third party equipment such as labelling. For all possible combinations please see table.

The control system is based on an industrial PLC system. The few settings that are required to operate this machine (only weight and grading settings) can be adjusted by means of a few clicks on a simple, user-friendly touch screen. If you wish to store and/or print count results, this can be accomplished by connecting any PC and printer with Windows®. You can import the data via, for example, Excel. Without this extra feature, counting results are available via the touch screen of the machine.

Options

- Stainless steel single tray loader
- Stainless steel automatic loader suitable for stacks of 6 trays
- Stainless steel accumulator (+ various extensions)
- Semi automatic candling (machine sorts off-grades instead of removing them manually)
- Automatic crack detection
- Inkjet provision (message selection per packing lane)
- 2...8 automatic packers
- 4...12 manual packers
- Any combination with max. 12 output units (please see table)
- Automatic pack closers, coupon dispensers, box and egg stamping.
- Possibility to add additional packers after installation (modular concept)



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