

Egg Candling



- **Easy to clean**
- **Available for all types of setter trays**
- **Constructed for use in integrated automation line**
- **High capacity**
- **Classifies eggs in 4 categories**
- **Reliable and user-friendly operation**
- **PC/PLC based controls**
- **Constructed in stainless steel**

Handling quality eggs demands skill, experience, dedication, and a little support from LINCO!

Technical description

- **Easy to clean**
The candler is constructed so that sensitive parts are protected against the impact of cleaning. The trays are moved through the candling unit on stainless steel rollers, avoiding chain systems which can be difficult to clean.
- **Available for all types of setter trays**
The candling unit is available for LINCO Set & Hatch trays as well as for setter trays from all other brands of equipment - the tray type just has to be specified when ordering.
- **Constructed for use in integrated automation line**
The automatic candler can be installed as a "stand alone" unit or it can be combined with a number of other products available from LINCO. Following facilities are available:
 - Automatic setter trolley buffer system
 - Automatic destacker for setter trolleys
 - Automatic transfer (setter to hatcher tray)
 - Automatic pick-out of clear eggs
 - Automatic stacker for hatcher trays
 - Automatic buffer system for hatcher trolleys
 - Automatic soaking and washing systems
- **High capacity**
The system is available in a single-line and a double-line version. Individual electronic cameras monitor each line and deliver the data to the same PC unit. The single-line system has a capacity of 40.000 eggs/hour and the double-line has a capacity of 75.000 eggs/hour.
- **Classifies eggs in 4 categories**
In the candling process the eggs can be divided in 4 categories: "no egg", "clear egg", "early dead in shell" and "fertile egg". These data are processed and stored in the PC and they will be available for automation equipment installed in line with the candling unit.
- **Reliable and user-friendly operation**
The candling unit is operated directly from the PC (Windows based) and offers a very high accuracy. Operation, programming and pre-setting is done easily on the computer and an extensive manual will guide the operator through all steps.
- **PC/PLC based controls**
The entire candling process is controlled and monitored by a PC and PLC system, enabling automatic operation, manual operation, process control / supervisory monitoring and alarm log system. The system also allows transfer of stored data to an external administration database for further performance control (optional extras).

Technical specifications

Capacity:	40.000 / 75.000 eggs/hour (single/double line)
Electrical supply:	230V, 50/60 cycles
Power consumption:	4,0 kW
Air consumption:	No compressed air needed
Material:	Stainless steel 304

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