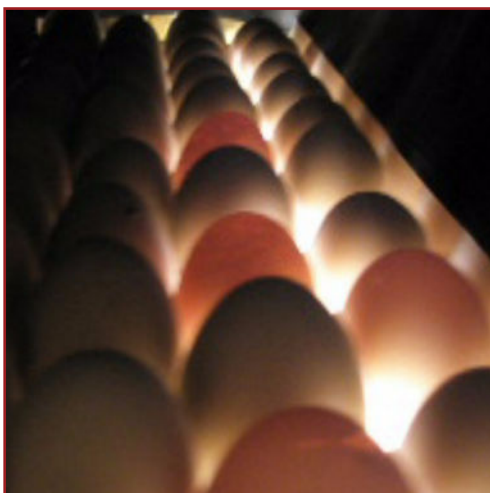
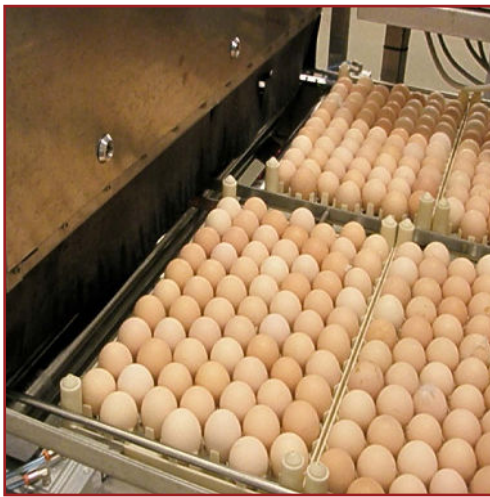
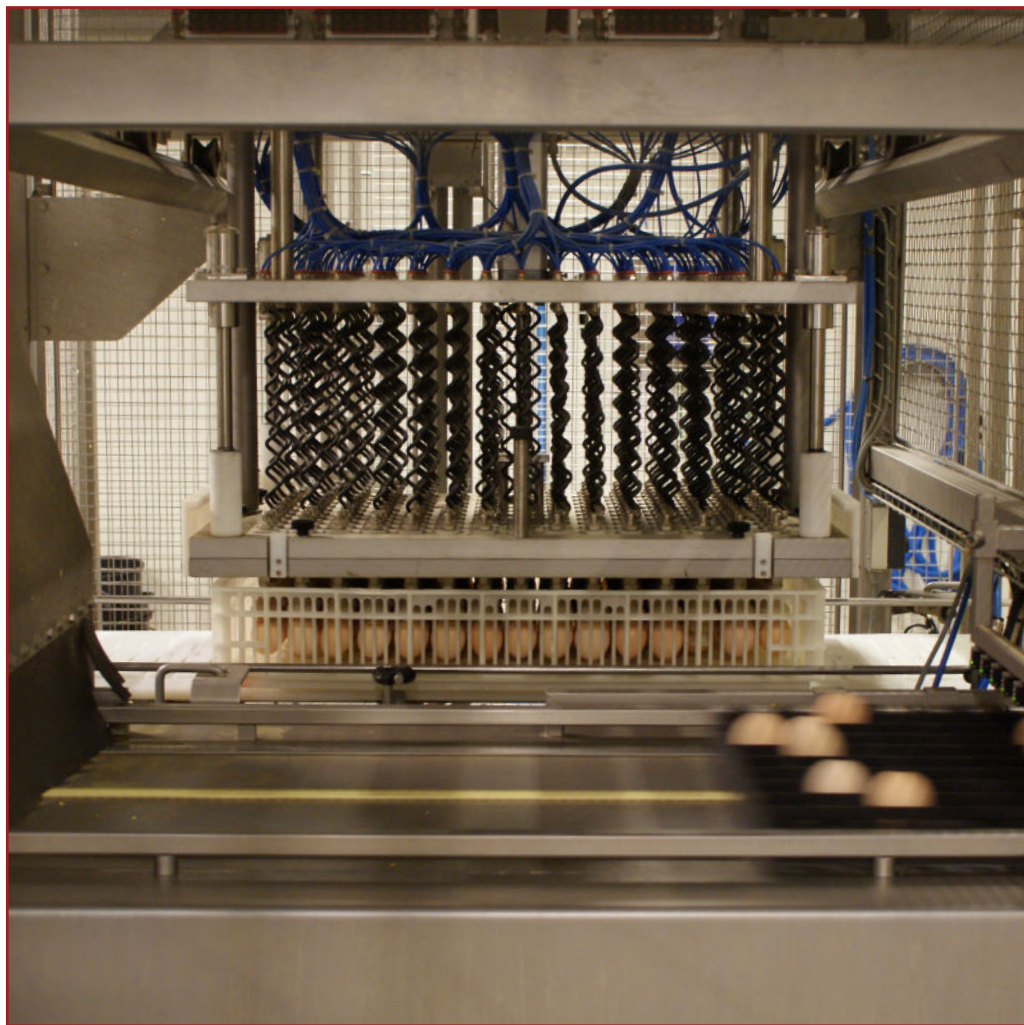
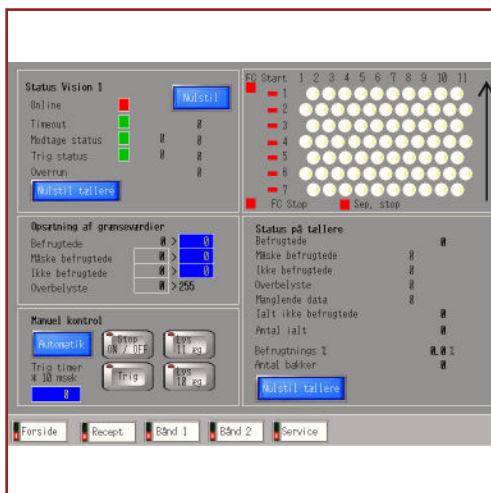


HATCHERY AUTOMATION

Egg Candling



Kummerowsvej 3
9400 Nørresundby
Tlf.: (+45) 9631 2020
Fax.: (+45) 9631 2021
www.nordland.dk



- Easy to clean
- Available for setter trays of all types.
- 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
- Low power consumption

Technical description

■ 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 automatic equipment installed in line with candling unit.

■ Reliable and user-friendly operation

The candling unit is operated directly from the PC(Windows based) and others 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.

■ High capacity

The system is available in single-line and double-line version. Individual electronic cameras monitor each line and deliver data to same Pc-unit. The single-line system has a capacity of 40.000 egg/hour and the double-line has a capacity of 75.000 eggs/hour.

■ 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 during ordering.

■ 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.

Technical specifications

Capacity:
40.000/80.000 eggs/hour
(Single/double line)

Electrical supply:
230V 50Hz

Power consumption:
0,6 kW

Air consumption:
10 l/min

Air pressure:
6 bars

Material:
Stainless steel 304

Dimensions:
Single line 1000x500x1000mm
Double line
2000x500x1000mm

■ 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 from Nordland Automatic.

- Automatic setter trolley buffer system.
- Automatic destacker for setter trolleys.
- Automatic transfer (setter to Hatcher tray)
- Automatic pick-out of clean eggs.
- Automatic stacker for hatcher trays
- Automatic buffer system for hatcher trolleys
- Automatic soaking and washing systems.

■ PC/PLC based controls

The entire candling process is controlled and monitored by a PC and PLC system, enabling automatic operation, process control / supervisory monitoring and alarm log system. The system allows transfer of data to an external administration database for further performance control (Optimal extras).

