Main facts at a glance

The drive units
All LUBING drives for the short conveying distances are 0.18 kW motors. They can be positioned on the left or right on the output end. Various voltage levels are offered on request. Furthermore, all motors can be actuated using a frequency converter.

The guide unit
The LUBING guide unit is used to evenly distribute the eggs to be transported on the conveyor chain and to keep them away from the transfer areas. This prevents collisions between the eggs and thus reduces the number of cracked eggs on conveyors with lateral transfer to a minimum.

Design
In order to provide you with a conveying system that is exactly tailored to your needs, we will be pleased to prepare an individual design for your optimum conveyor.

### Loader conveyor
from the laying area to the central conveyor

<table>
<thead>
<tr>
<th>Loader conveyor</th>
<th>Widths</th>
<th>Capacity [eggs/h]</th>
<th>Max. slope</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rod conveyor units</td>
<td>350 and 500 mm</td>
<td>30,000 and 45,000</td>
<td>± 25° (47 cm / 100 cm)</td>
</tr>
<tr>
<td>Loader conveyors</td>
<td>200, 250, 350 and 500 mm</td>
<td>15,000, 20,000, 30,000 and 45,000</td>
<td></td>
</tr>
<tr>
<td>Steep conveyors</td>
<td>350 and 500 mm</td>
<td>20,000 and 30,000</td>
<td>± 50° (119 cm / 100 cm)</td>
</tr>
</tbody>
</table>

All information with regard to slopes refers to table eggs. Slopes for hatching eggs will be provided to you on request.

### Conveyors for Loader conveyors

<table>
<thead>
<tr>
<th>Conveyor chain for Loader conveyors</th>
<th>Max. slopes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard</td>
<td>± 20° (36 cm / 100 cm)</td>
</tr>
<tr>
<td>Epoxy coated</td>
<td>± 20° (36 cm / 100 cm)</td>
</tr>
<tr>
<td>Plastic coated</td>
<td>± 15° (27 cm / 100 cm)</td>
</tr>
<tr>
<td>Rods up/down</td>
<td>± 28° (53 cm / 100 cm)</td>
</tr>
</tbody>
</table>

Loader conveyors, Rod conveyors and Steep conveyors

LUBING SYSTEM SRL
via Marco Polo 33 · 35011 Campodarsego (PD) · Italy
Tel.: +39 049 9202290 · Fax: +39 049 9201234
e-mail: info@lubing.it

www.lubingsystem.com

Technical modifications reserved.

Copyright© Lubing System. All rights reserved.
For transporting the eggs from the laying area in deep litter to the central conveyor, LUBING offers various approaches for any house situation.

**Small and flexible**
In the laying area, the eggs must usually be transferred from the nest to a subsequent conveying system that transports the eggs towards further processing units. This is where the LUBING loader conveyors are employed – small, flexible units that cover the short transport distances to the central conveyor line.

**Connection to central Conveyor-Systems**
By means of the chains that are different for rod conveyors, curve conveyors, loader conveyors, or steep conveyors, conveyors of a different width transfer the eggs from the nest to the central Conveyor-System. Transport with loader conveyor is also expedient from a production-related point of view: The inter-stage conveying systems serve to separate the central conveyor line from the house area and thus make it possible to obtain maximum hygiene standards. Additionally, the general central conveyor process can be simplified: Apart from savings achieved by the design, simplified linear conveyor lines can also allow the implementation of higher running speeds. Furthermore, a central conveyor line that is as straight as possible enables the eggs to be transported with maximum care.

The variety of loader conveyors offered by LUBING and the possibility of adapting them to different situations by means of the various conveying chains provided makes it possible to constitute the optimum system exactly tailored to your needs.

**Loader conveyor for egg transport**
from the laying area to the central conveyor

**Rod conveyor unit**
Rod conveyor units are used for linear transport from adjacent nests at the same height or at different heights. The conveyor chain consists of two hollow pin chains that are connected with metal rods and with slid-on plastic pipes. The rod conveyor units are provided in designs of either one conveyor section or two parallel conveyor sections. Ready-made units in different lengths are the standard design provided.

**Loading conveyor**
Loader conveyors are used for linear transport from adjacent nests at the same height or at different heights. The conveyor chain consists of two round link chains that are welded to metal rods. The exact design of the chain rods can be adapted in each case (see front side). These units are provided in designs with either one conveyor section or two parallel conveyor sections.

**Double loader conveyor with an S-curve**
Double loader conveyors with an S-curve are used for the transport from nests lying one above the other. The conveyor chain consists of two round link chains that are welded to metal rods. The exact design of the chain rods can be adapted in each case (see rear side). The units are provided with an offset curve in one of the conveyor sections in each case. This serves to bring the eggs to one height for parallel transfer to the central conveyor line.

**Steep conveyor direct**
LUBING steep conveyors direct are used for linear transport with large differences in height. Eggs are transported from slopes up to 50° to the central conveyor from adjacent nests that can be at the same height or at different heights. The conveyor chain consists of two round link chains that are welded to metal rods (with attachment plastic elements for gentle egg handling).

**The LUBING electric drip oiler**
With the electric drip oiler, the outer chain links of the conveyor chain are continuously supplied with an oil film, thus extending the conveyor chain's service life. Manual lubrication is no longer required.