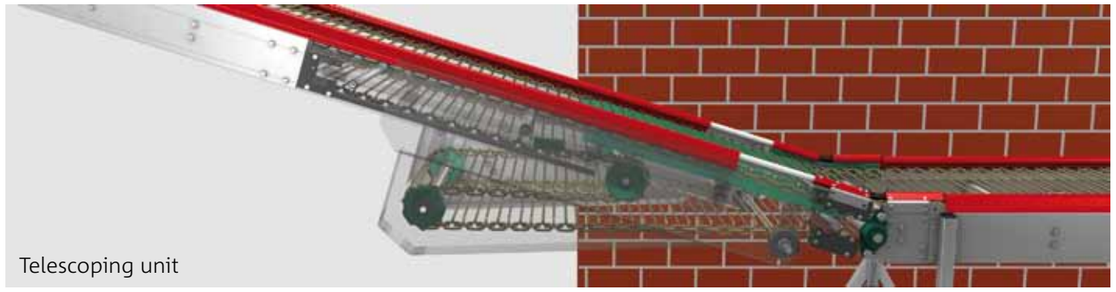
Main facts at a glance



Telescoping unit

Driving units

The right choice of drive will depend on the length of the chain, the different heights and the number of bends.

The rule of thumb for planning purposes is as follows:

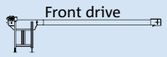
Driving units

up to 30 m:

Mini drive

up to 50 m:

Front drive



over 50 m:

Front drive Intermediate drive

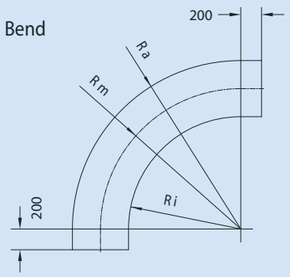
Example construction.
Please ask for a lay out design.

What we offer:

We will be happy to work out a made-to-measure recommendation to suit your individual requirements.

Conveyor width	Ri	Rm	Ra
200 mm	420	540	660
250 mm	530	675	820
350 mm	750	945	1140
500 mm	1080	1350	1620
750 mm	1630	2025	2420

Bend



System widths

The width of the curve conveyor determines its capacity. At a speed of five metres per minute capacities are:

Width	Capacity
200 mm	15,000 eggs per hour
250 mm	20,000 eggs per hour
350 mm	30,000 eggs per hour
500 mm	45,000 eggs per hour
750 mm	65,000 eggs per hour

The height required can be reached by means of adjustable fl oor supports. Several varieties are available and can be used as required. For safety reasons the conveyor chain is clad on both sides in a red chain cover. When an egg lift is used for conveyance a telescopic unit is required. This unit is completed with balancing and pivoting units on both sides and can be added at any point along the curve conveyor. Its length has to be in accordance with the height of the battery and will be produced according to individual requirements.

For further information: www.lubing.com

Technical modifications reserved.

Curve conveyor
for egg transport

LUBING

Drinking-Systems
Conveyor-Systems
Climate-Systems

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Curve conveyor for egg transport

Construction, function, technical details

The conveyor system is of crucial importance for egg farms of all sizes. Variations in battery arrangement always require a tailor-made individual solution.

Therefore we based our LUBING curve conveyor on the following concept:

- Maximum operational safety and minimum maintenance.
- A unit construction system with elements designed to cope with any imaginable spot requirements, all kinds of curves, heights and distances.
- Conveyor chain widths of between 200 and 750 mm (8 in. - 30 in.).
- Capacities ranging from 15,000 to over 65,000 eggs per hour.
- Optimum rentability.

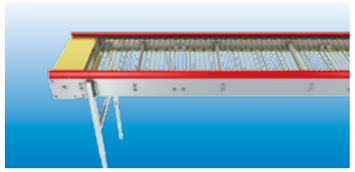
Many years of experience with LUBING conveyor-Systems confirm our worldwide leading position.

The conveyor chain runs backwards and forwards on stable plastic sliding profiles. The straight sections of the conveyor belt consist of connecting elements either 2 m or 3 m long.

The side profiles and cross-struts are made of anodised aluminium. All plastic sliding profiles and guide elements are wear and tear-resistant and can be easily replaced on the system.

End piece

Simple and safe redirection of the conveyor chain at the end with guide rollers.

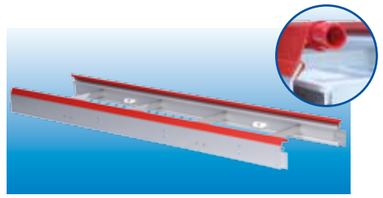


Pivoting unit

Pivoting units are needed for upward gradients or downward gradients in the conveyor. These pivoting units are infinitely adjustable.

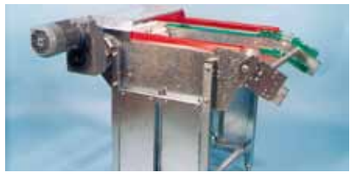
Connecting element

Connecting parts are available in closed and lateral open versions. The open profiles with dirt plates will be used at transfers.



Front drive

The front drive is the main drive for the conveyor. The tension unit for the correct tension of the chain is integrated in this drive.



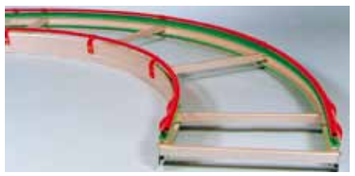
The central element of the curve conveyor: LUBING conveyor chain

The galvanized conveyor chain consists of two tempered external chains with rods welded in between. The horizontal rods are placed at an even level to ensure that eggs are gently placed on the conveyor, can easily make their way through transfer areas and are not crushed on the inside of bends. Please see the information sheet „Conveyor Chains“ for details concerning the appliable conveyor chain angles.

Plastic covered rods can help reduce egg damage at critical transfer points. The plastic surface increases the damping and protection of the eggs even under extreme climate conditions. This conveyor chain version B is available in width of 500 and 750 mm.

Intermediate drive

Conveyor over approx. 50 m length needs the intermediate drive to support of the front drive. Large conveyor needs several intermediate drives.

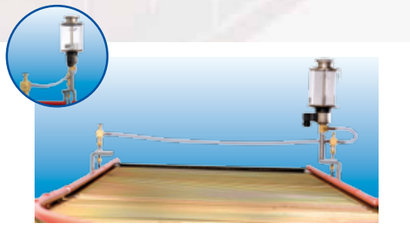


Bend 90 degree

For curve guidance standard bends are available in 180°, 90°, and 45°-bends. Bends can be made in all degree numbers.

The LUBING Guide Unit

The LUBING Guide unit is used to distribute eggs evenly across the conveyor chain and to move them from the transfer areas.



The LUBING Electric Drip-Oiler

The LUBING Electric Drip-Oiler offers automatic lubrication of the conveyor chain. The conveyor chain is properly lubricated for smooth and trouble-free operation.

Multiple drive

The multiple drive was developed for multi-tier conveyor. Hereby one engine, with a main drive shaft, can drive several conveyor lines at the same time.