

LUBING

Global Solutions



Drinking-Systems · Conveyor-Systems · Climate-Systems

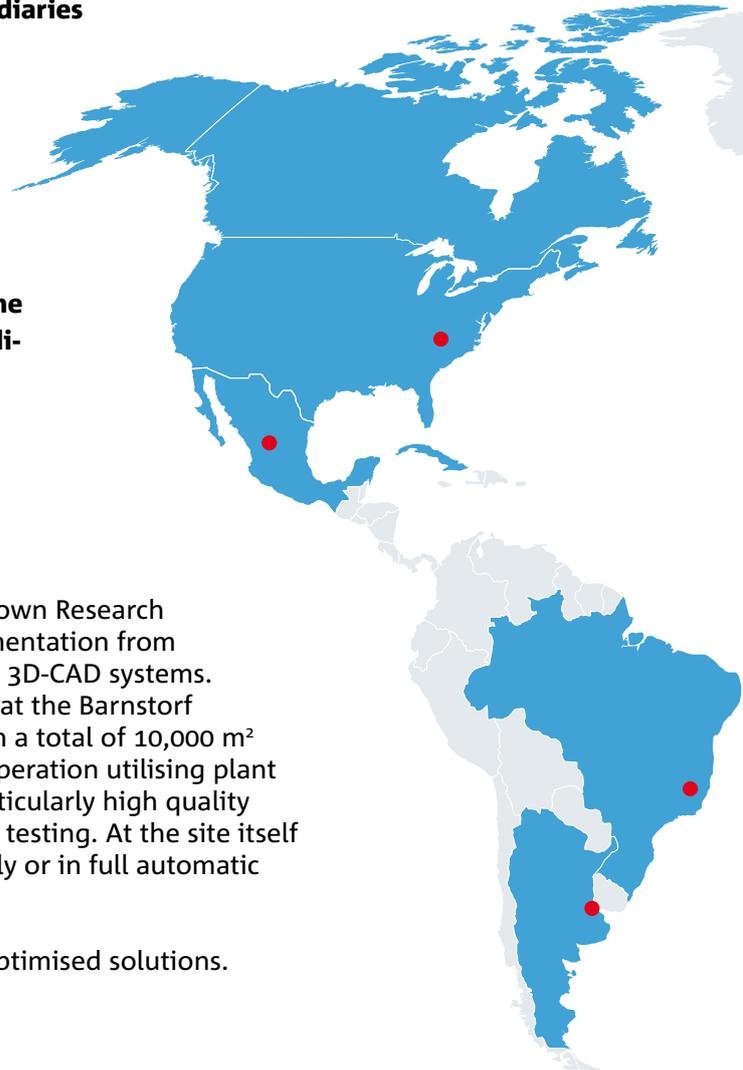
Ultramodern Drinking-, Conveyor- and Climate-Systems from Barnstorf

The LUBING Maschinenfabrik was founded in Barnstorf in 1949. Since that time the establishment of international subsidiaries and agency offices has seen the company evolve into a globally operating enterprise – LUBING thus enjoys a presence on all 5 continents. The company's innovative products in globally tried-and-tested top quality have made LUBING the international market leader in the sectors of Drinking-, Conveyor- and Climate-Systems. Our systems are complete solutions for all modern requirements in animal farming, but at the same time are modular in design so that they can be individually matched to customer wishes.

Development and production

LUBING carries out research and development work at its own Research Centre using the latest technologies. Planning and implementation from initial idea to end product is effected by means of modern 3D-CAD systems. All versions of the entire product range are manufactured at the Barnstorf site, an expanse covering 22,000 m² housing five halls with a total of 10,000 m² of production space. Here, a partially 3-shift system is in operation utilising plant at the leading edge of manufacturing technology. The particularly high quality standards set by LUBING require more than careful quality testing. At the site itself up to 100% of the components are checked either manually or in full automatic operation.

With a staff of over 100 we are able to offer individually optimised solutions.



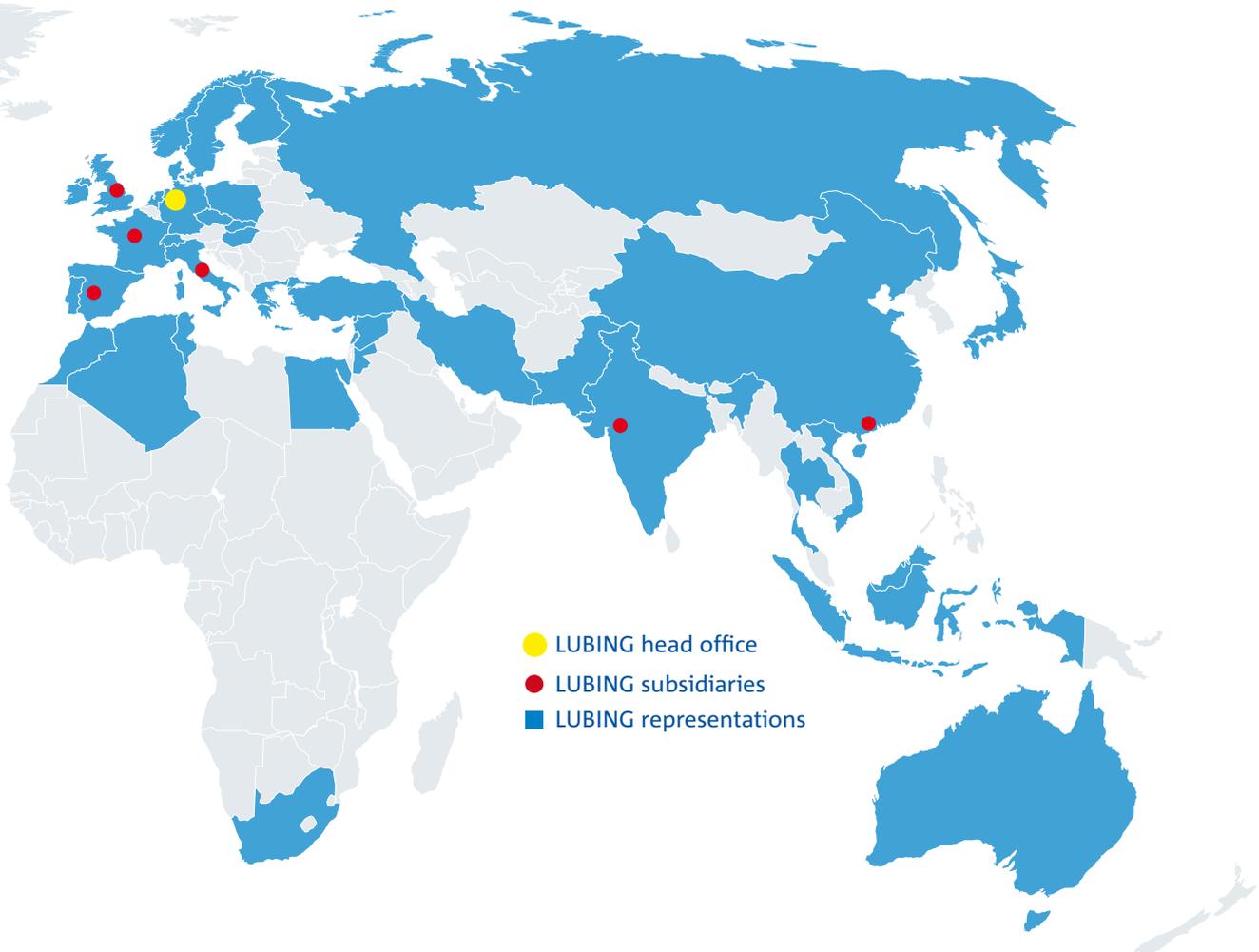
The administration building in the Lubingstraße in Barnstorf.



Managing director Egon Schumacher (left) and Markus von der Assen.



Technological perfection: quality control.



The company's business fields

- **Drinking-Systems for poultry, rabbits, cattle and pigs**
- **Conveyor-Systems for egg transport**
- **Climate-Systems for humidifying, cooling and dust binding**

LUBING pursues a course of constant and steady expansion. Sound economic development, the systematic and continuing further development of all products and an uncompromising quality philosophy spanning production to service are the foundations of our success.



Optimised for permanent use: **LUBING Drinking-Systems**

LUBING has manufactured drinking nipples for agricultural animal farming for more than 40 years. The vast experience that we have been able to gather during this period has been put to good use in the development of complete systems for animal farming. The systems themselves have gone through a constant process over the past decades to meet the requirements of modern animal farming and optimum handling: Each Drinking-System can be tailor-made to the individual needs of the house and the stock.

Today LUBING develops and produces watering systems for

- Caged or free range chick breeding
- Caged, aviary and free range laying hens and parent animals
- Broiler
- Turkey breeding and fattening
- Duck breeding and fattening
- Rabbits
- Pigs
- Cattle.

Advantages of the LUBING Drinking-Systems

- **Clean, hygienic drinking water in a closed system**
- **Patented nipple principle which is easy to use for the animal and enables substantial watering**
- **The flow rate of the nipple can be matched to the age of the animal and enables optimum provision for all climatic zones and age levels**
- **The stainless steel nipple valve is extremely robust and durable**
- **The modular system of watering and the vast range of accessories makes it easy to adapt it to every house.**



The right climate in the house: Climate-Systems from LUBING

The LUBING Top-Climate-Systems work on the principle of cooling the ambient air by emitting a fine spray of water under high pressure. It can be effectively used in combination with all ventilation systems; open structures with low forced ventilation can profit considerably from the system. It is precisely in the case of laying hens and broiler chicken as well as for breeding that the Top-Climate-System can make a vital contribution to animal health and activity. The formation of moisture in the litter or other areas of the house is avoided by the extremely fine spray emitted under pressures of up to 70 bar. The Top-Climate-System is available both for pigs as well as for poultry and has been optimised for the respective requirements.

The LUBING Pad-Climate-System is made entirely of plastic. This LUBING system is used in systems where indirect cooling is required. It can be used for many different cooling purposes but is particularly suitable for poultry houses.

The advantages of Climate-Systems:

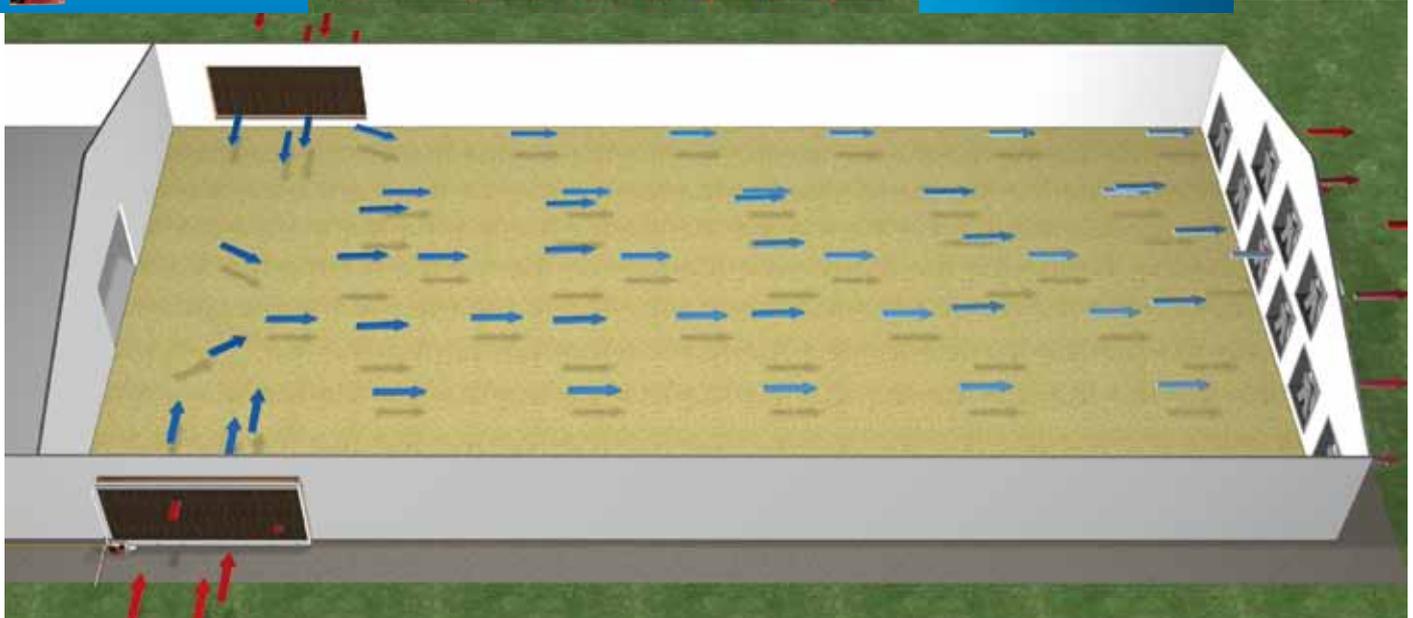
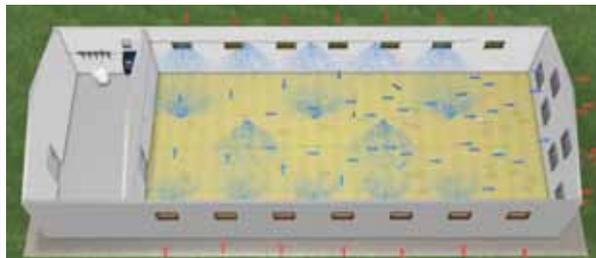
- Generation of an atmosphere individually adapted to the animal type, leading to more active and healthier animals
- total humidity control
- Fast and effective cooling without the formation of moisture in the house
- Temperature reduction by up to 10°C

The advantages of the Top-Climate-System:

- Dust collection in the house, positive influence on the respiratory organs of the animals
- System can be used to soak and disinfect the barn
- In combination with the LUBING medication metering attachment spraying of agent solutions possible, automatic operation of the system

The advantages of the Pad-Climate-System:

- Easy Assembly due to newly designed Clip-profiles
- No „Corrosion“ - all parts made from PVC or Stainless steel
- Perfect water distribution over the complete pad-length by the newly developed water-deflector with integrated watertank in the bottom gutter



Safe egg transport: LUBING Conveyor-Systems

The worldwide leading position of LUBING Conveyor-Systems is based on the high level of safety and the individual adaptability of the systems. Egg transport requires individual solutions dictated by the location and size of the building as well as the set-up in the house. In more than 30 years of experience with the product LUBING engineers have developed three types of Conveyor-Systems:

LUBING Rod Conveyor

The LUBING pad conveyor is a stable and extremely robust way of transporting eggs over straight routes.

LUBING Curve Conveyor

The LUBING curve conveyor is a flexible system that can be used to negotiate curves and radii in a minimum of space.

LUBING Steep Conveyor "Climber"

The LUBING steep conveyor, "Climber", conveys eggs effortlessly over inclines of up to 60° and thus, for instance, can overcome doorways and entrances in a minimum of space.

The LUBING egg transport solutions are individually utilisable systems which can handle all requirements.

Advantages of the LUBING Conveyor Systems

- Highest level of functional safety with minimum maintenance costs
- Modular principle to easily adapt all the systems for curved versions, inclines and long distances
- Conveyor width between 200 and 750 mm
- Conveying capacity depending on system of between 15,000 eggs/h and 65,000 eggs/h
- Extremely robust, durable design with low maintenance costs.





Innovative plastic production from Barnstorf – Barku:

The establishment of the Barnstorf Kunststofftechnik Barku in 1977 saw the successful LUBING company reacting to the increase in production and growing demands made on capacity. All the injection moulding and extrusion processes were taken over by Barku, which soon grew in tandem with LUBING and now boasts 15,000 m² utilisable space with 40 injection moulding machines of the latest design and nine extrusion lines, on which not just LUBING products have long since been manufactured. Over the years the product range has experienced innovative further development and sensible additional qualifications: this means that an initial prototype of the planned injection moulding part can

now be produced in-house using rapid prototyping and tested in practice before production.

Different starting materials can now be worked on in one work cycle by means of a special co-extrusion process and processed into semi-flexible foldable pipes for example. More than 80 employees work at Barku in three-shift operation in order to cater for all requirements and jobs in a swift and reliable manner.



LUBING

**Drinking-Systems
Conveyor-Systems
Climate-Systems**

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