

More space for a natural lying position: XL lying lengths with TarsaCare

Tittmoning, 2 September 2026

Larger dairy cows need sufficient space to lie down comfortably, rest with ease and get up safely. Long lying areas measuring 1.92 m and a specifically designed TarsaCare comfort zone support natural lying positions, cleaner free stalls and the protection of sensitive hock joints.

Dairy cows have changed significantly in recent decades: As milk production and body size increase, so do the requirements for free stalls. To enable cows to perform their natural movements when lying down, resting and getting up, they need sufficient freedom of movement and a comfortable, safe surface.

With its free stall mattresses in an XL lying length of 1.92 m, KRAIBURG offers solutions designed for modern free stall concepts. Combined with an appropriate free stall design and the TarsaCare comfort zone, they create a resting area that effectively combines animal comfort with practical barn management.



On longer free stall flooring, it is easy for animals to adopt natural lying positions © KRAIBURG Elastik

Longer lying areas promote natural positioning

In practice, elevated stalls with lying lengths exceeding 1.90 m offer significant advantages. If cows have sufficient space in front of them, they can position themselves more upright and lie more relaxed. This reduces the inclination to lie at an angle or to settle too far back. Hygiene also benefits: if the cow lies further forward and straight in the stall, her tail is more likely to remain within the lying area. Manure and urine are more likely to be deposited in the walking alley. This keeps the free stalls and the animals cleaner.

The key factor here is always the interplay between the length of the lying area, the neck rail and, where applicable, the brisket board. As a guideline, the horizontal distance between the neck rail and the brisket board should be at least 25 cm, or preferably 30 cm. This gives cows sufficient freedom of movement for a natural lying-down process. With correctly adapted free stall control devices, it is often even possible to dispense with a brisket board altogether.

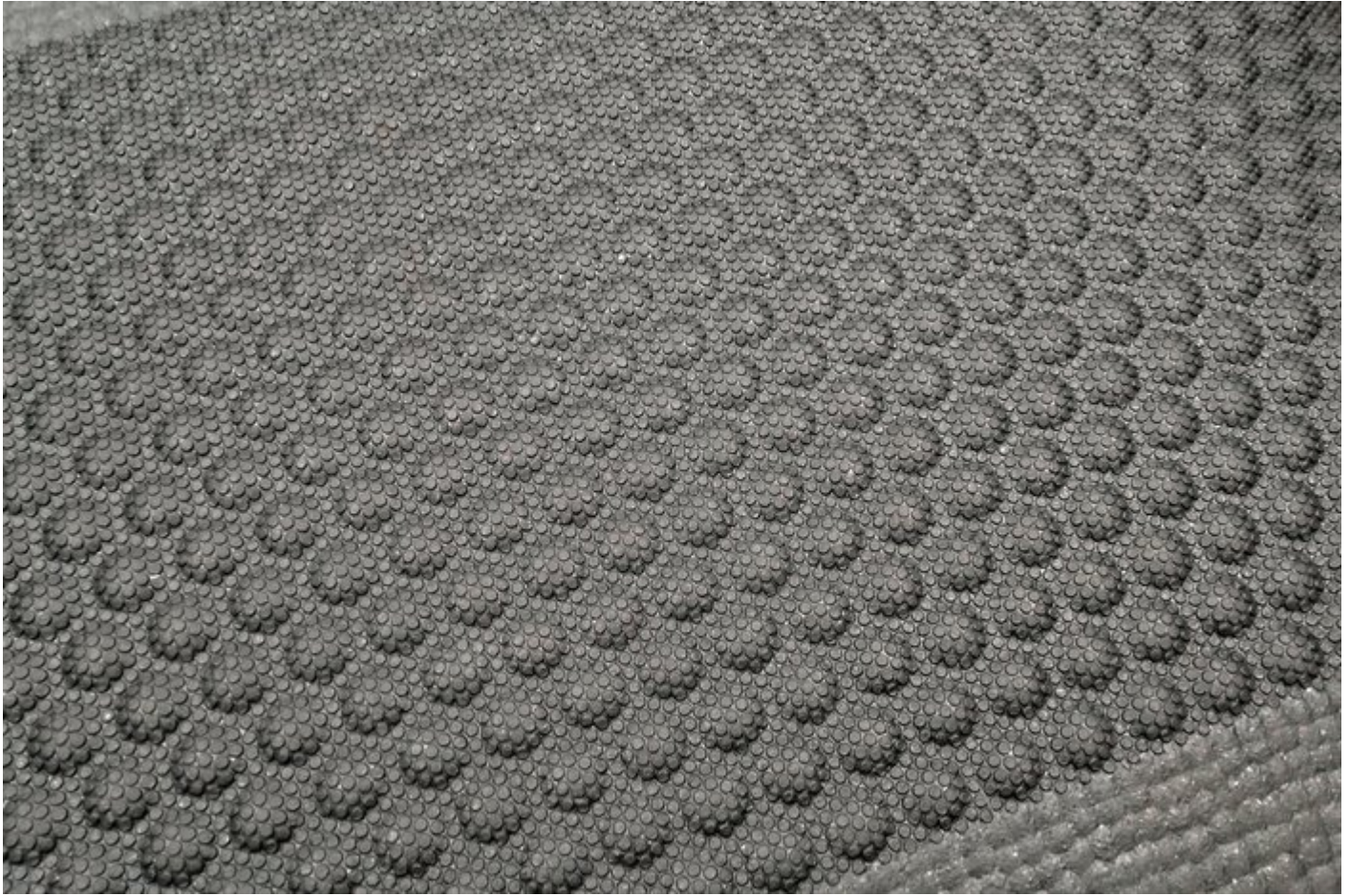


The control devices of the free stall should be adapted to the size of the animals © KRAIBURG Elastik

TarsaCare: Comfort where it is needed most

With the **TarsaCare comfort zone**, KRAIBURG specifically enhances the long lying area in the rear third of the mat. Pliant ball-shaped segments create a soft, structured surface for the sensitive hock joints. The tarsal joints are gently supported while resting and kept drier at the same time.

The surface structure also holds even small amounts of bedding material securely, thereby supporting the formation of an organic layer. Improved ventilation of the skin areas contributes to a drier coat. In addition, the comfort zone provides slip resistance and makes it easier for cows to get up and leave the free stall.



TarsaCare comfort zone with pliant ball-shaped segments for drier bedded hock joints © KRAIBURG Elastik

XL lying lengths for different housing concepts

KRAIBURG offers various free stall flooring products in an **XL lying length**. The proven **KEW Plus** mattress system is available with a lying length of 1.92 m, as are the **KEW Plus LongLine** and **Softbed LongLine** continuous roll systems. **KEW Plus Visco** is available as a particularly comfortable option with an additional visco-elastic foam layer. The **WINGFLEX** mattress and the **KIM LongLine** continuous roll system are also available in an XL lying length.

For elevated deep bedded stalls, KRAIBURG offers **maxiBOX**, a solution with a particularly generous lying area: The 2.15 m option has an internal dimension of 1.90 m, thus providing an effective lying length of around 2 m. This allows the right solution to be selected for different free stall concepts and housing requirements.



The 4-layer KEW Plus Visco TarsaCare mattress system, offering that extra touch of comfort © KRAIBURG Elastik

Comfort to match the free stall concept

The TarsaCare comfort zone is available in various KEW Plus mattress systems. **KEW Plus TarsaCare** combines the proven three-layer construction of rubber, foam and rubber with the pliant comfort zone. For additional pressure relief, **KEW Plus Visco TarsaCare** is available, featuring a four-layer construction with a thickness of approx. 10 cm and an additional visco-elastic foam layer. For suspended dividers, KRAIBURG also offers the **KEW Plus LongLine TarsaCare** as a continuous roll system.

Well planned, rested comfortably

Long lying areas and targeted pressure relief in the hock area are important components of an animal-friendly free stall. Combined with appropriate free stall dimensions, correctly positioned control devices and consistent maintenance, these elements create the conditions that enable cows to enjoy using their free stalls, rest comfortably and get up safely again. This contributes significantly to animal welfare and improved performance.



Lying in a relaxed position helps to improve performance © KRAIBURG Elastik

Further information:

Press information [KEW Plus Visco TarsaCare](#)

<https://kraiburg-elastik.com/company/press/kraiburg-kew-plus-visco-provides-adaptation-to-the-body-provides-noticeable-relief/>

Guide [Cow-friendly lying](#) <https://kraiburg-elastik.com/guidance/expert-knowledge/longer-stall-mats/>

Guide [The perfect free stall](#) <https://kraiburg-elastik.com/guidance/expert-knowledge/the-perfect-free-stall/>

Information on [Long lying areas](#) <https://kraiburg-elastik.com/long-lying-areas/>

View [Products](#) <https://kraiburg-elastik.com/products/dairy-cattle/>

Image package for this press information: [Download image package](https://lemodision134.owncloud.online/s/YIUDdmS9MLEiZ3K) <https://lemodision134.owncloud.online/s/YIUDdmS9MLEiZ3K>

Use of images

The images may only be used free of charge in an editorial context relating to KRAIBURG Elastik, provided that the image credit 'KRAIBURG Elastik' is included. Any other use requires prior written consent. Please send a copy or a link to the publication.

About KRAIBURG Elastik

Gummiwerk KRAIBURG Elastik GmbH & Co. KG has been developing and manufacturing elastic rubber flooring for cattle and horse housing since 1968. In Tittmoning, Germany, around 200 employees combine experience in rubber processing with practical product development. The aim is to support animal welfare, safety, performance and efficient barn management with innovative solutions. The DIN-compliant products are tested in the company's own laboratory, in test barns and by independent institutes. KRAIBURG Elastik holds the DLG quality seal 'CONTINUOUS MONITORING'. The barn flooring specialist is committed to resource-saving production and repurposes tire rubber as a raw material for robust flooring. The company is part of the KRAIBURG Group.

Press contact

Gummiwerk KRAIBURG Elastik GmbH & Co. KG
Petra Ertl
Marketing & Communications
Mobile: +49 173 5871 125
Email: petra.ertl@kraiburg-elastik.de