

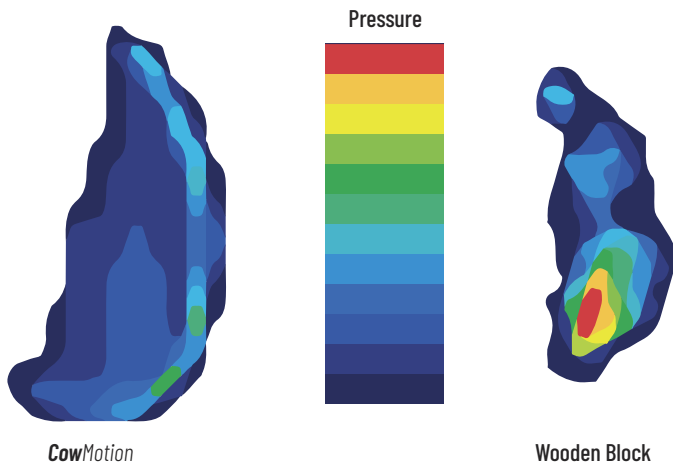
the animal-friendly and sustainable solution for claw diseases

CowMotion is a revolutionary orthosis for the treatment of claw diseases and lameness in cattle, developed in close cooperation with veterinarians and claw specialists. Utilising cutting edge scientific research together with the biomechanics of the claw apparatus, CowMotion offers an innovative therapy option for diseased claws. This leads to an improvement of claw health and increases the well-being of sick animals.



Biomechanical needs

For anatomical reasons, there is a great pressure load on the carrying edge of the claw. From there, the power is transmitted to the wall and the hoof-leg carrier to the toe bones. CowMotion ensures a load on the supporting edge or even pressure distribution on the sole and thus prevents local pressure peaks. For this purpose, the orthosis was designed to be significantly more stable on the outer edge than in the area of the sole.



The pressure and pressure distribution measurements carried out at the Veterinary Anatomical Institute of the University of Leipzig show the biomechanical advantages of CowMotion. Better pressure distribution and fewer pressure peaks reduce the risk of acute or chronic damage to the claw.

Innovative construction

CowMotion is made up of two different layers. These ensure optimal transmission to the load-bearing parts of the claw and protect the anatomically sensitive areas. Thanks to the flexible material, the orthosis can be quickly and precisely adapted to any cattle claw.

Animal friendly treatment

"Avoid suffering. Best possible help for the animal. Righting a wrong." This veterinary principle forms the basis for the development of CowMotion. A wide variety of factors were taken into account and combined into a high-tech product.

- ✓ CowMotion is tailored to the special biomechanics of bovine claw
- ✓ CowMotion supports the natural digital cushion of the bovine claw
- ✓ CowMotion promotes anatomically and physiologically correct movement
- ✓ CowMotion reduces the risk of damage by absorbing the entire weight load of a limb
- ✓ CowMotion protects the soft parts of the claw
- ✓ CowMotion is adapted to the hardness of the sole horn at the respective point
- ✓ CowMotion supports the natural function of the supporting edge
- ✓ CowMotion transfers the pressure forces to the load-bearing structures of the claw
- ✓ CowMotion prevents pressure peaks and reduces the development of claw ulcers
- ✓ CowMotion prevents incorrect loads by adsorbing the double pressure load
- ✓ CowMotion is precise to adjust and easy to attach
- ✓ CowMotion is flexible, pressure equalizing and still durable
- ✓ CowMotion is suitable for all surfaces
- ✓ CowMotion consists of a support layer and a damping layer
- ✓ CowMotion makes it easier to step on and off
- ✓ CowMotion can be easily removed

