



STENDEBACH  
Sleep better

ICONMAT®

The smart sleep solution  
from Stendebach.



## Restful sleep

The key to greater vitality and quality of life

Good sleep is not a luxury — it is the foundation of health and wellbeing.

In a world that never stands still — where schedules, digital stimuli, and constant performance pressure shape our everyday lives — one thing is often left behind: restful sleep. Yet, especially in times when stress, environmental factors, and a fast-paced lifestyle increasingly impact us, the importance of quality sleep becomes ever clearer. Sleep is essential for physical recovery, mental performance, and emotional balance.

Our new digital sleep system addresses exactly this need: combining cutting-edge technology with the latest insights from research and healthcare to help you achieve the best possible regeneration — night after night. The air-suspension system, individually adjustable via app or remote control, delivers the precise firmness level that suits you at any time — offering good spinal support and an ergonomic lying experience that flexibly adapts to your personal needs.

Discover how simple it can be to experience sleep in a whole new way — for greater energy, enhanced balance, and a better overall sense of wellbeing — every single day.



# Maximum comfort, minimalist design

## The future of sleep for a better quality of life

Experience sleep comfort redefined: Our innovative ICONMAT® sleep system with its intelligently connected platform combines state-of-the-art technology with stylish design. All functions can be conveniently and intuitively controlled via app or remote — whether you prefer relaxed reclining, comfortable sitting, or indulgent lounging, all at the touch of a button or a swipe of a fingertip.

ICONMAT® also offers an optional integrated massage unit, delivering soothing relaxation on demand — ideal for unwinding after a long day.

The system impresses not only as a compact, minimalist stand-alone solution with a clear and elegant design language, but can also be effortlessly integrated into existing bed frames — preserving your current interior while adding a valuable functional upgrade.

Also ideal for urban living concepts, where functionality becomes design: transform your bed within seconds into a wellness retreat, a cozy daybed, or a comfortable armchair — creating space whenever you need it most.

A piece of furniture that thinks ahead — for people who expect more from their home.





# Technology meets relaxation

## Smart control for ultimate recovery.

### **The result of this mission is ICONMAT® — the digitally adjustable sleep system.**

Based on our extensive expertise, years of research and development have resulted in a sleep system that is revolutionizing the way we sleep: the digital sleep system ICONMAT® — the digital sleep system that sets new standards in modern sleeping comfort.

#### **+ Individually adaptable:**

Choose from 55 firmness levels — for perfectly tailored sleep comfort.

#### **+ Ergonomic & gentle on your spine:**

The innovative air core adapts to your spine and ensures optimal weight redistribution based on the displacement principle for balanced, ergonomic support.

#### **+ Intuitive control:**

Control your sleep system effortlessly via remote or smartphone app — one control for everything: the pump system and platform/bed base.

#### **+ Smart additional features in the app:**

The app allows you to control the pressure-relieving zero-gravity position and two freely assignable memory positions of the base frame. For the air core, two additional memory functions as well as stretching and relaxation modes are available for personalized adjustment, so that you can tailor your well-being entirely to your personal needs.

#### **+ Relaxing & regenerative:**

Our innovative sleep system with an optional integrated massage unit combines state-of-the-art technology with elegant design — for noticeable recovery and deeply relaxing moments of wellbeing at the touch of a button.

#### **+ Adaptable for multiple applications:**

Use your sleeping system flexibly as a bed, wellness lounger, or armchair—for maximum comfort at any time.

#### **+ Comfort meets technology:**

ICONMAT® impresses not only with first-class comfort, but also features modern USB charging and integrated under-bed lighting.

#### **+ Modular design for a sustainable future:**

Its modular architecture allows every component to be swapped or upgraded anytime — designed to save resources and engineered with parts that are already circular-ready.

#### **+ Hygienic & allergy-friendly:**

For a naturally healthy sleep atmosphere — gentle, clean, and allergy-friendly.

### **A step ahead of traditional sleep solutions**

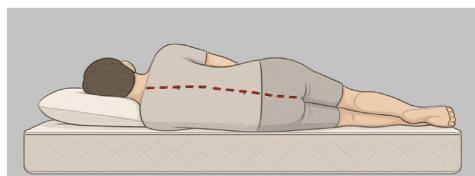
## The mission behind ICONMAT®

Every person has different physical characteristics and individual sleep habits. These can also change over time and never remain constant — a true challenge for any sleep system designed to provide the right support. For this reason, we have focused on 3 essential goals in the development of ICONMAT®.



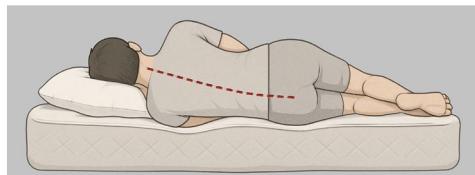
# Ergonomic reclining

Support your back and reduce tension



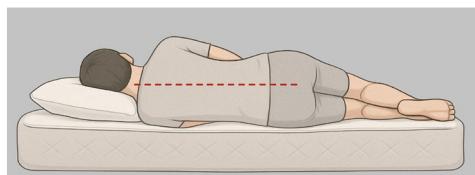
## A surface that's too firm

If a sleeping surface is too firm, the spine cannot maintain its natural alignment. The intervertebral discs are placed under strain, and tense muscles can lead to stiffness and back pain. A surface lacking elasticity creates pressure points, compressing tissue and potentially restricting blood circulation. Common consequences include restless sleep, tingling, or a numb sensation in the limbs. Pressure marks around the shoulders and hips may trigger pain in the neck, shoulders, or head, as well as discomfort in the hip and lower body.



## A surface that's too soft

A mattress that is too soft can have effects similar to one that is too firm: the spine loses its natural alignment, and pressure around the shoulders may increase due to a shift in the body's center of gravity. The result can be sleep disturbances comparable to those caused by a mattress that is too rigid.



## Comfortably supported with ICONMAT®

With a suitable sleeping surface, the spine remains almost straight, allowing the back muscles to relax. The intervertebral discs are relieved and can regenerate. The hip and shoulder areas of the sleep system yield accordingly. Pressure on the extremities is reduced, providing overall relief for the body. Body tissue is better supplied with blood and nourishing fluids.

**IGR** Institut  
für Gesundheit  
und Ergonomie

## Recommended by experts

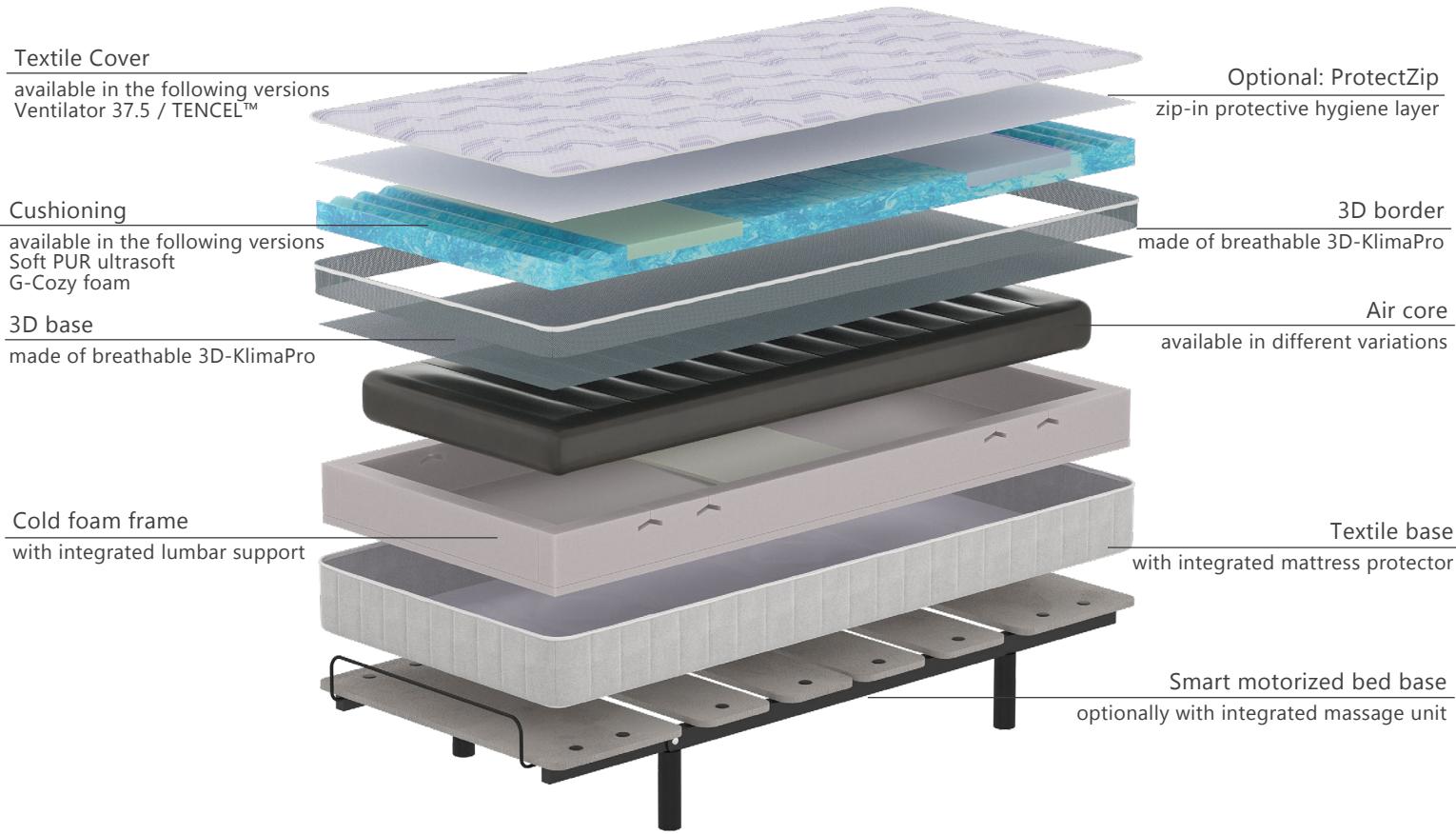
Thanks to its numerous benefits in the prevention and relief of back-related conditions, ICONMAT® is recommended by Institute for Health and Ergonomics. The organization brings together over 1,200 medical professionals, back-care trainers, sports educators, physiotherapists, and rehabilitation centers. ICONMAT® is especially suited for people with back pain, offering supportive comfort designed for spinal relief and long-term wellbeing.

## Our 3 requirements for the ideal sleep system

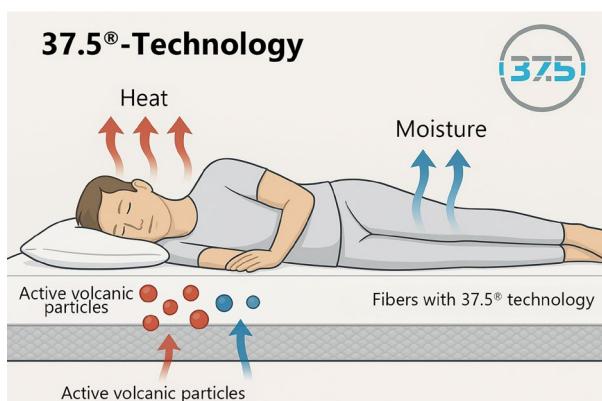
1. Adaptive firmness for personalized pressure distribution
2. Consistent ergonomic alignment across all body profiles and sleep postures
3. Designed for maximum longevity and resource efficiency

## ⊕ The modular structure of ICONMAT®

The ICONMAT® system consists of different elements, which are constructed modularly and thereby can be changed quickly and without much effort on demand.



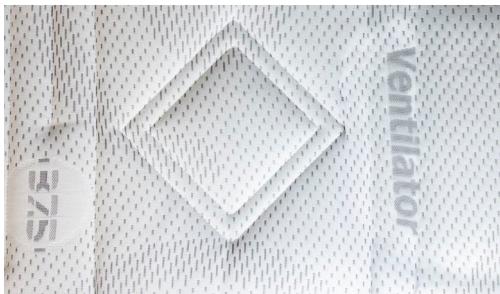
## ⊕ 37.5® - the ideal climate for your sleep



Experience superior sleep comfort in the mattress cover with the innovative 37.5®: Activated volcano-derived minerals and coconut-shell particles help create a microclimate that adapts naturally to your body's needs. These particles actively regulate temperature and humidity — even before sweat forms. The result is a mattress surface that stays comfortably dry and well-balanced. This technology warms you when it's cold and cools you when it's hot, supporting a more pleasant and restorative sleep experience.

# It's your choice

ICONMAT® can be adapted flexibly to your personal needs and individually adjusted at any time. Using the three modules — the textile cover, the cushioning, and the air core — you can configure your preferred combination exactly the way you want it. A range of different options gives you the opportunity to create your individual system according to your own preferences.



## Ventilator 37.5®

The mattress cover ensures a cool sleep climate and good ventilation. Material, structure, and natural particles enable fast moisture transport and active microclimate regulation. It absorbs moisture at the vapor stage, and body heat supports quicker drying — for lasting all-night comfort.



## TENCEL™

A premium cellulose fiber. The cover ensures rapid moisture transport and a natural microclimate, resulting in reduced allergen exposure. In addition, TENCEL™ has antibacterial properties and supports a permanently hygienic sleep environment.

## Textile cover



## Premium Topper Soft PUR ultrasoft

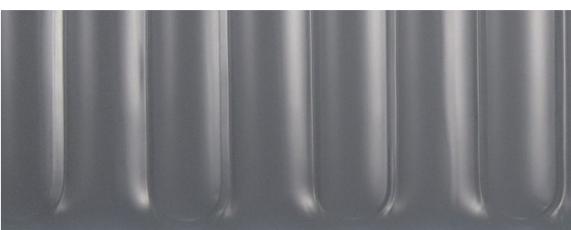
The core, made of a soft PUR foam, offers excellent moisture transport, high elasticity, and strong resilience with a cozy feel. The two differently firm shoulder zones allow for comfortable sinking and provide targeted relief for the shoulders. At the same time, the specially developed lumbar zone supports the lower back and promotes an ergonomic sleeping position.



## Premium Topper G-Cozy

The elastic, gel-like foam adapts exceptionally well to your body contours and provides a pressure-relieving lying sensation. Thanks to its open-pored structure, it offers excellent breathability and actively supports temperature regulation — ensuring a pleasantly balanced sleep climate throughout the night.

## Cushioning



## Clair

Gentle motion absorption through the flexible air support layer creates a light, floating reclining sensation. The result is a softly suspended feeling of comfort.



## SoftSwing

A stable reclining feel thanks to integrated vibration dampers. Ideal for higher body weights as well, featuring enhanced shoulder zone adjustment for deeper pressure relief.

## Air core

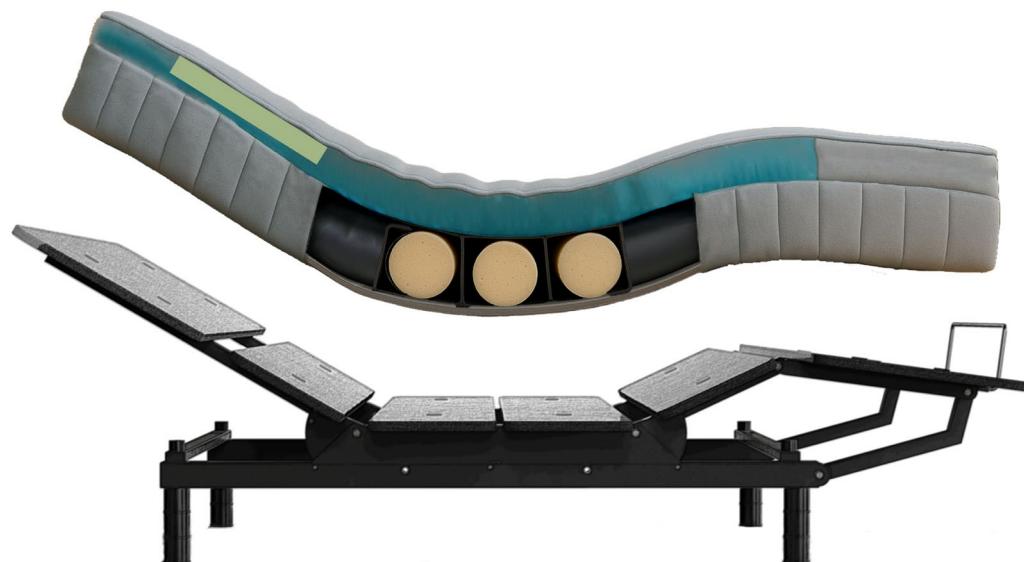
# ⊕ The sleep system ICONMAT®

**Sleep like on clouds – with intelligent technology for ultimate comfort**

Digitally adjustable, ergonomic, customized to you.

At first glance, our mattress looks like any other – but appearances can be deceiving. What presents itself as an ordinary sleeping surface hides a highly advanced, state-of-the-art system inside:

- ⊕ **55 different firmness levels**  
Adjustable in seconds by smart remote or intuitive app
- ⊕ **Ergonomic alignment** through the flexible air core  
for deep, restorative sleep
- ⊕ **Smart modular design** for maximum flexibility  
and a long-lasting system durability



Both the sleep system and the bed base are, of course, **also available separately**.

Experience the system live on-site and enjoy personal guidance from our sleep technology experts.  
For further details, please visit [www.stendebach.eu](http://www.stendebach.eu).

**STENDEBACH**  
Sleep better