# Fall asleep at home, wake up in seventh heaven.



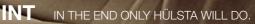
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www.huelsta.com

hülsta sleeping systems. Base frames and mattresses.





Take a third

# of a day's holiday. Every night.



# Contents

# Smart ideas for improved sleep quality.

Sleeping requirements differ immensely: Whilst a giraffe needs only two hours a day for regeneration, a bat sleeps up to 20 hours. The same applies to human beings: Some people require 10, others only 4 hours of sleep to become fully fit.

Scientists have not yet unravelled why we sleep at all. However it is undisputed that the sleep quality is more important than its duration. Research has led to clearly defined requirements for a healthy, restful sleep. hülsta sleeping systems deliver perfect solutions. Various tests as well as our wealth of experience ensure that you will sleep as comfortably as you would wish. We wish you a good night's sleep. Every night!

Contents	4-5
The secret of good rest	6-11
Amazing things happen at night.	8-9
7 factors to ensure healthy sleep.	10-11
Your sleep means hard work for us	12-27
In the end only hülsta will do.	14-15
Especially for you.	16-17
hülsta is here. Right here.	18-19
The unique hülsta concept	20-21
For your restful sleep.	22-23
The perfect sleeping system	24-25
Combining base frames and mattresses	26-27
Sleep enjoyment à la carte:	20-21
hülsta mattresses	28-43
The philosophy of hülsta mattresses.	30-31
Lying correctly – 3 firmness levels –	
3 cover versions	32-33
AIR DREAM 2000	34
AIR DREAM 4000	35
AIR DREAM 7000	36-37
AIR DREAM 8000 THERMO TOP POINT 1000	38-39 40-41
TOP POINT 2000	40-41
TOP POINT 4000	43
Your back will be pleased:	
hülsta base frames	44-51
Quality and function -	
The world's best slat	46-47
INNO FLEX	48
	49
LEVEL FLEX II	50-51
Extraordinary comfort:	E0 E7
hülsta motor-driven base frames	52-57
The principle of hülsta motor-driven base frames	54-55
LEVEL FLEX II MOVE	56-57
We are a strong DUO:	
The hülsta DUOs	58-61
AIR DREAM 2000 and LEVEL FLEX II	60
TOP POINT 4000/INNO FLEX	61
AIR DREAM K 1000 PILLOW	62-63
AIR DREAM K 2000 PILLOW	62-63
AIR DREAM MK 3000 PILLOW	62-63
hülsta-TOPPER	64-65
COLD FOAM TOPPER	64
VISCO TOPPER	65
Spring core system	66-67

Overview

hülsta base frames/mattresses



# The secret of good rest

During sleep, the functions of the human organism change. The pulse, rate of breathing and blood pressure decrease. Many brain and motion functions go into sleep mode. The processes involved are so complex, that considerable research into sleep continues. However, it is obvious that healthy sleep requires an appropriate room climate and a base that provides comfortable support. The sleeping requirements are a little different for each individual person, which is why hülsta's sleeping systems are exceptionally versatile.

# Amazing things happen at night.

Average number of dreams per night:

4

# 34%

of the people who were surveyed dream about work

# approx. 80%

of the population suffer from back problems

60 calories are burned

per hour of sleep

33% of our life is spent asleep



of the people who were surveyed snore

# approx. 20

times per hour we change position during sleep

# 2.7 million

of the people who were surveyed regularly take sleeping tablets

# 6 to 8

hours of sleep per night are required for an average adult to remain healthy



of shift workers complain about sleep disorders

# 1/4 to 2 litres

of fluid are lost per night

# factors to ensure healthy sleep.

# ( 2.

Room climate: The room should be thoroughly aired, the window should be closed overnight to maintain a temperature of approx. 18 degrees. This ensures that the body does not cool down and that it receives sufficient oxygen and moisture.

3.

Diet: Eating heavy foods 3 to 4 hours before bedtime should be avoided. Caffeine and alcohol are also sleep "robbers". Herbal tea or warm milk can help going to sleep.

# **C** 5.

Darkness and silence: Even a sleeping person senses light and noise. A sleeping mask or ear plugs can help to achieve undisturbed sleep. If the partner snores, sleeping separately might be a better option.

# **C** 6.

Textiles, pillows and covers: Any materials that are in contact with the sleeping person should be comfortable and breathable. The thermal properties of the cover are important: duo-covers that can be joined together are perfect for adapting to the seasons.

# **C**1. Time: It is best to follow your inner rhythm. There are naturally early risers and night owls.

Both types should go to sleep when getting tired.



#### **Rituals:**

Following the same routine every day before going to bed turns the brain into night-time mode. Reading a book, wind up the clock – whatever it is, the main thing is to do it every day.



Sleeping system: The individually suitable combination of mattress, pillow and base frame ensures relaxed lying and restful sleep



# Your sleep means hard work for us.

We do absolutely everything possible to ensure that you can comfortably sleep in your new hülsta bed. Even if you suffer from back problems or poor blood circulation, an individually suited hülsta sleeping system will offer calm and restful sleep. Whilst we cannot do anything about the lack of exercise in modern times, we can do something to counteract its consequences on your sleep. We therefore consider numerous medical aspects in our product development as well as patented functions, high-quality materials and the legendary hülsta workmanship.

# In the end only hülsta will do.

#### Exceed high expectations.

At hülsta, product development and innovation mean thinking in systems. The development of hülsta sleeping systems represents a particular challenge, as we have high expectations: our sleeping systems are designed not only with regard to the human spine, but also for the entire physiological sleep process. Our aim is the perfect combination of materials, thermal and elastic functions in order to ensure restful sleep.

#### Quality is a matter of the heart.

hülsta products are special: this can be instantly felt and seen. Fabric selection, meticulous quilting and high-quality upholstery materials speak for themselves. A pocket spring mattress can only bear the hülsta brand, if each spring reacts separately to ensure exceptional pressure relief, which in turn prevents entire areas sinking in. This difference in quality is noticeable even after years of use!

#### hülsta safety guarantee:

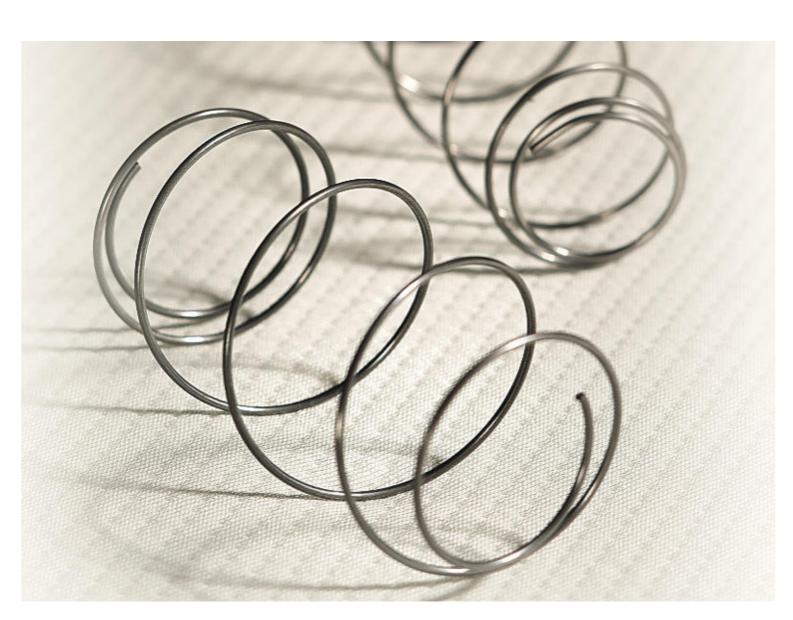
As a hülsta customer, you expect a product that is safe, sustainable and physiologically harmless. In order to assure you that you can rely on this, we give you the hülsta safety guarantee. Our reputation guarantees that we comply with all of the industry requirements for quality awards, and that – in most cases – we actually deliver even more safety.

#### Sleeping systems:

hülsta base frames and mattresses form a functional entity, which we call a sleeping system. The quality products that can be individually combined offer very different performance levels. Your personal selection and combination provide ideal conditions for restful, comfortable sleep.

#### Guarantee:

12 years hülsta manufacturer's guarantee on all base frames, 3 years guarantee on motors, electric parts, gas-pressurised springs, 5 years guarantee on mattress cores. Please also refer to the guarantee passport that is enclosed with the product. Please note: For loads exceeding the maximum limit of 140 kg, guarantee claims and services can only be made with prior hülsta agreement.





# Especially for you.

#### Individuality is our standard.

The mattress and base frame must be compatible and their combination must match your requirements, such as sleeping habits, your BMI and your personal preference for firmer or softer lying. hülsta makes your selection easy: the finely tuned adjustments of our sleeping systems ensure excellent solutions for all the requirements related to ergonomic sleeping comfort. Our hülsta DUOs reflect frequently chosen combinations of mattress and base frame.

#### Your personal dream bed.

A hülsta sleeping system is a meticulously crafted product with plenty of engineering input: inlay materials, innovative ventilation systems and body zone concepts give hülsta mattresses a special edge. High-quality materials and ideal ergonomic properties plus base frames that can be adjusted in such a way that they turn your bed into your personal dream bed.

#### Special request? Come to us!

The manufacturing possibilities within our production sites in Germany ensure that special sizes, special shapes, double mattresses, even with two firmness levels, or other bespoke productions are generally feasible. Simply ask.





# hülsta is here. Right here.

#### Made in Germany. Now and in the future.

"Made in Germany" is much more than a designation of origin. All over the world, customers appreciate the quality of products, which have been manufactured in Germany in line with German quality standards. For hülsta, "Made in Germany" is a commitment. Our production sites have always been located in and around the Münsterland. We employ skilled craftsmen who use all of their expertise to ensure the exceptional standard of our products. By constantly setting ourselves new targets with the help of innovations to improve our products, we redefine standards. Now and in the future.

#### Sustainability is second nature to us.

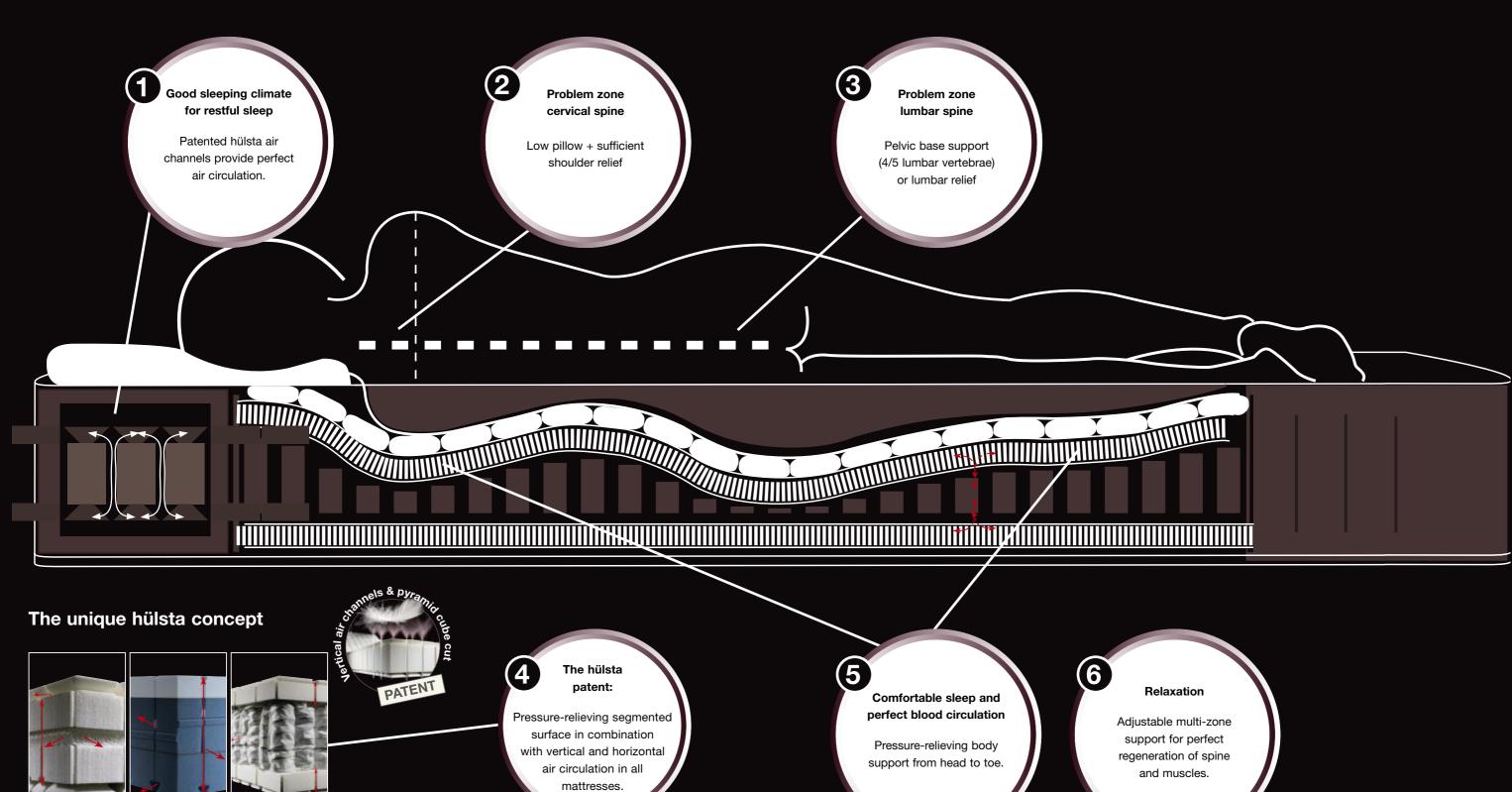
Whatever we do today – we want to be able to stand by it tomorrow. For decades, hülsta has used materials that have as little impact on the environment as possible during production and use. For your safety and the protection of the environment, all hülsta surfaces are non-toxic and physiologically harmless. As one of only a few furniture manufacturers, hülsta is entitled to label its entire modular unit range with the environmental seal "The Blue Angel". The "Golden M" label proves that all of the "Blue Angel" requirements for mattresses, RAL 119 have been fulfilled.





# Strengthen your spine while you sleep.

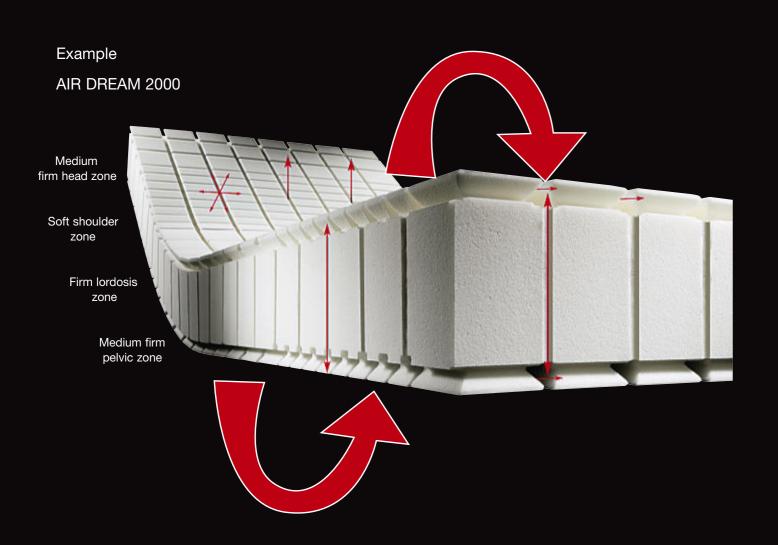
Your spine is the benchmark hülsta mattresses are measured with. We have therefore developed multi-zone systems, which - in combination with hülsta base frames - ensure perfect regeneration of your intervertebral discs. Additionally, pressure-relieving point elasticity guarantees good blood circulation. Vertical and horizontal air circulation prevents a build-up of air and ensures a healthy sleeping climate.



# For your restful sleep.

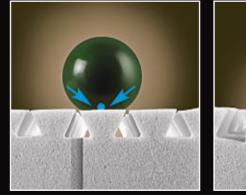
The main criteria for healthy sleep in a relaxed position are the correct body support, pressure relief and suitable air circulation. The elaborately crafted, high-quality hülsta

mattresses consistently offer sleeping comfort on the highest level. All of the different mattress parts functionally match and have been scientifically tested.



### The hülsta patent:

Perfect pressure relief is achieved by surface segments that individually adapt to the body. Perfect air circulation: Every 85 mm, a vertical air channel runs through the core.





#### Body support

#### Air circulation

for perfect relaxation and regeneration of spine and muscles. for a comfortably dry sleeping climate.

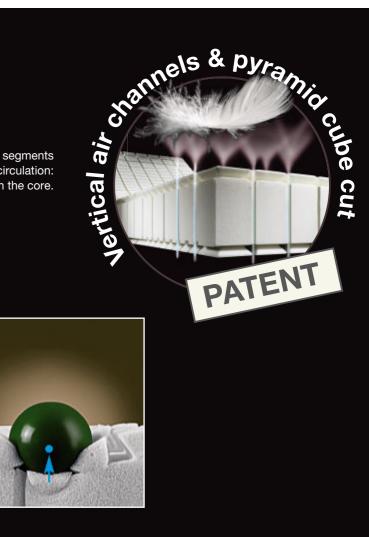
Segments in different widths, depths and firmness levels define the appropriate body zones. An individually adjustable base frame, which is particularly effective with HR cold foam mattresses, additionally supports the resting and is also more hygienic. body.

Warm air rises. Inside the hülsta mattresses, it circulates through the vertical air channels, thus dispersing moisture and excess heat. This process provides restful sleep

#### Pressure relief

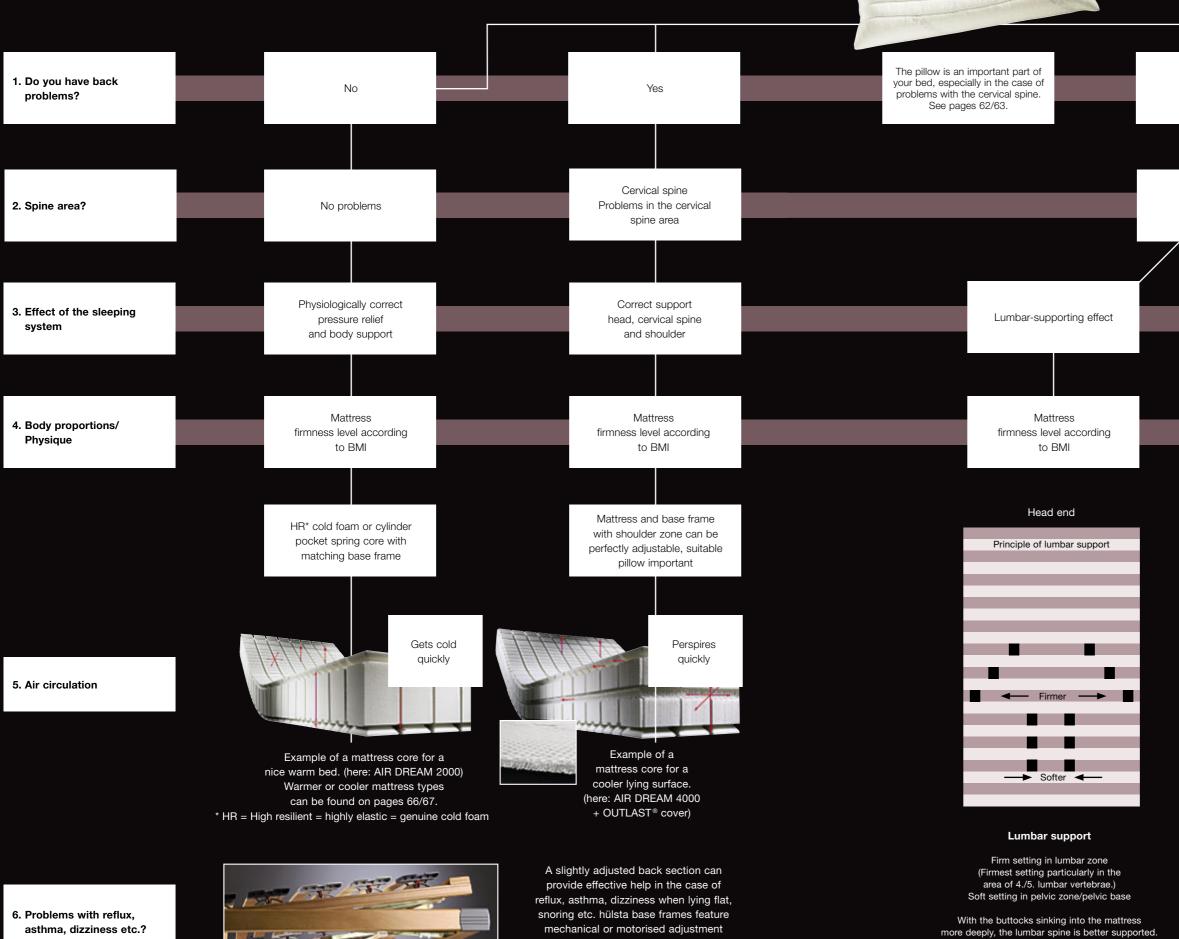
for good air circulation and restful sleep.

Individual 2-phase support: Soft where it touches the body, progressively firmer in the core. Can be perfectly combined with a base frame featuring either a firmer or softer lying comfort.

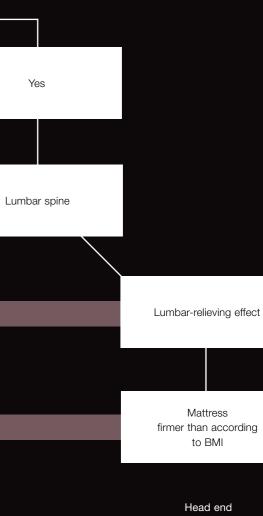


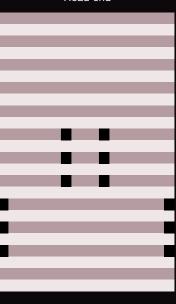
Except for AIR DREAM 8000 THERMO and EASY CILMATE, all of the hülsta mattresses feature a symmetrical construction and can therefore be turned and reversed as required.

# Six important questions when selecting a mattress:



and offer the correct back section lengths and adjustment angles.





#### Lumbar relief

Soft setting in lumbar zone (flatter lumbar spine) Firm setting in pelvic zone

With the buttocks sinking into the mattress less deeply, the lumbar spine is supported less and can rest flatter. The stretched-out lumbar spine brings the required relief.

Pelvic zone

The individual firmer adjustment in the lumbar

area provides the required lumbar spine support.

Lumbar zone

# **BASE FRAME AND MATTRESS A PERFECT COMBINATION**

#### Pocket spring core system

TOP POINT 1000



**TOP POINT 4000** with micro springs



**TOP POINT 2000** 

The base frame

CREA FLEX

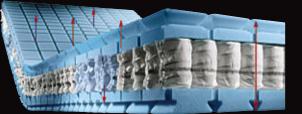
section

• Extremely flexible;

• Comfort version to

3-motor version,

**IR-memory** 



# **BACK PROBLEMS?**

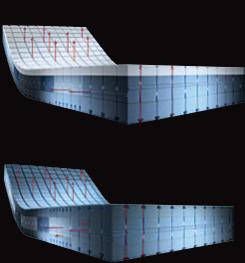
We recommend a multi-functional, adjustable base frame + HR\* cold foam mattress

Cold foam system

AIR DREAM 8000 THERMO with Visco therm foam



AIR DREAM 7000



AIR DREAM 4000 with middle spacer fabric layer



AIR DREAM 2000



### The base frame for cold foam and Latex mattresses



LEVEL FLEX II Widest choice of body

• Extremely flexible using steplessly adjustable slats support possibilities Comfort version to



universal base frame, suitable for all mattresses

INNO FLEX • Good elasticity;





LEVEL FLEX II MOVE Flat motor technology with cable memory or remote control



for pocket spring core mattresses

#### \* HR = High resilient = highly elastic = genuine cold foam

20 cm core height



LEVEL FLEX II MOVE Flat motor technology with cable memory or remote control



INNO FLEX Good elasticity; universal base frame, suitable for all mattresses

16 cm core height



# Sleep enjoyment à la carte: hülsta mattresses.

You will certainly have high expectations for your dream mattress. Proportions and body size, the tendency to either be cold or perspire and the preference for either a firmer or softer lying surface must certainly be taken into consideration. Should the mattress be supported by a motor-driven base frame? Are you only looking for lying comfort or are you also taking health factors into account? hülsta offers almost limitless possibilities. Our systematic selection criteria will nevertheless make it easy to find exactly the right mattress for you.

#### The philosophy of hülsta mattresses.

Not every mattress trend is good for your back. Futons made from cotton, Kapok mattresses and straw-filled mattresses have caused many problems. The fashionable choice is not necessarily the right one. It is therefore certainly safer to count on hülsta's 40 years of

experience. We have developed and produced sleeping systems in close cooperation with renowned research and testing institutes. hülsta offers state-of-the-art sleeping systems for your healthy, comfortable sleep.

#### hülsta HR\* cold foam

The term "cold foam" stands for particularly high-quality polyurethane soft foam. Unfortunately, the term is not protected, which means that some of the so-called cold foam mattresses do not fulfil the respective criteria. Only the additional HR (HR = high resilient = highly elastic) gives you the security to acquire material with perfect shape recovery and open cell structure. In addition to that, hülsta guarantees not to use any filler.

The patented core construction featuring up to 120 ventilation channels per  $m^{2}$ ensures that the ventilating properties of the HR cold foam are perfectly used. The high volumetric weight (VW = 60 kg/m<sup>3</sup>) of the hülsta HR cold foam is a distinct quality factor, ensuring that the lying properties remain unchanged even after years of use.

#### hülsta spacer fabric

Spacer fabrics are ventilation layers positioned across the entire upper side or centre of the mattress. They provide unhindered air circulation underneath the resting body, which is important for a healthy, dry sleeping climate and a comfortable lying sensation. hülsta uses 2 x 6.5 mm thick spacer layers for their OUTLAST® mattress cover in order to perfectly support its excellent climatic functions. Spacer layers and the patented hülsta mattress core guarantee a healthy sleeping climate.

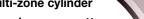
Recommended for people that perspire more heavily or prefer a cooler sleeping climate.

# Multi-zone cylinder

pocket spring core mattress

Multi-zone

HR\* cold foam mattress



climate

#### hülsta spring core

Generally, spring core mattresses only "pass on" the difference in zone and firmness level to a limited extent. If however - as is the case with the hülsta multi-zone cylinder pocket spring core mattress - each individual spring reacts independently, pressure-relieving lying comfort is guaranteed. The different construction of the springs defines the body zones and the firmness of the mattress, thus creating a comfortable lying surface that is appreciated by many people. The patented core construction guarantees perfect air circulation to provide an ideal sleeping

#### hülsta mattress covers

The outer cover of our hülsta mattresses is a special high-quality, elastic relief composite material weighing 380 g/m<sup>2</sup>. We use the regenerative Lyocell quality fibre from TENCEL®, which regulates moisture more effectively than cotton and is repellent to dirt, mould etc. Skin-friendly and washable up to 60°, it is also recommended for allergy sufferers. An ideal fabric for our mattress covers, it can also be combined with spacer fabric and other padding.

All of the hülsta mattresses and pillows are available in three functionally different covers: basic TENCEL® cover, natural PUROTEX® cover and climatic OUTLAST® cover.

See page 32/33 for further details

Multi-zone Visco-therm foam mattress

#### hülsta Visco-therm

Visco-therm foam is thermo-elastic, i.e. it reacts to body weight and warmth by yielding. This ensures perfect pressure relief, free blood circulation and therefore deep, calm sleep. The balanced shape recovery forces of the core and the correct dimension of the Visco-therm foam make sure that movement during sleep is not restricted. In order to ensure perfect air circulation, hülsta's fine-celled Visco-therm foam is always used in conjunction with the patented core consisting of a segmented surface and vertical ventilation channels. The hülsta name guarantees that your Visco-therm mattress always shows all of those quality features. Top Quality with VW 85 (85 kg/m<sup>3</sup>)



Lying correctly: 3 firmness levels, 3 cover versions – natural or high tech, cooler or warmer – we help you to find the right solution! hülsta mattresses for your personal dream factory.

The 3 cover versions:

# NATURAL **PUROTEX**<sup>®</sup> COVER NEUTRALISES DUST MITE ALLERGENS



# THE COVER FOR A NATURAL, PERFECT MATTRESS ENVIRONMENT

Perfectly combined with washable pure new wool in padding:

- Neutralisation of metabolic discharges into the mattress
- Natural moisture management
- Bedding/Room air cleaner
- Good upholstered effect
- TENCEL® fabric additionally contains probiotic PUROTEX® fabric
- 380 g/m<sup>2</sup> fabric with TENCEL<sup>®</sup> Lyocell micro-fibre + padding with genuine pure new wool, washable up to 60°, 500 g/m<sup>2</sup>
- Protected against shrinking and matting by INGEO (corn) fibre

PUROTEX®:

- Probiotic coating on the cover
- Suppression of bad bacteria in the mattress cover • Neutralisation of dust mite allergens
- Actively prevents mould
- Natural deodorant effect
- Durable performance, even after washing
- Cover can be split, washable up to 60°

# NORMAL **TENCEL®** COVER

A VERY SOFT FIBRE MADE FROM EUCA-LYPTUS WOOD

# THE COVER FOR NORMAL REQUIREMENTS

Perspiration, allergies, heat requirement ... everything within the normal range.

TENCEL® – the special Lyocell fibre made from wood:

- Very good skin friendliness
- Very good moisture management
- Very hygienic
- Very good electro-static properties
- Genuine climatic hollow fibre in padding: hydrophilic effect - moisture is "pulled away' from the body. Extraordinary, durable puff exceptionally cosy.
- 380 g/m<sup>2</sup> fabric with Lyocell micro-fibre,
- TENCEL® + padding with genuine climatic hollow fibre 400 g/m<sup>2</sup>
- Cover can be split, washable up to 60°





# AIR DREAM 2000

#### Multi-zone HR\* cold foam mattress

- Very good body and spine support because of multi-zone construction
- Soft, pressure-relieving surface segmentation (pyramid cube cut)
- Perfect air circulation for moisture transport via vertical air channels and segment surface
- The warmer mattress core

# AIR DREAM 4000

#### Multi-zone HR\* cold foam mattress plus "Air plus" climatic system

- Perfect air circulation for moisture transport because of 20 mm spacer fabric ("Air plus") in the core + air channels + segment surfaces
- The cooler cold foam mattress core

individual parts of the body.



- Very good body and spine support because of multi-zone construction
- Soft, pressure-relieving surface segmentation (pyramid cube cut) for a comfortable lying surface
   Recommendation: even cooler with OUTLAST<sup>®</sup>
- Recommendation: even cooler with OUTLAST mattress cover

# The ideal basis for restful sleeping comfort.

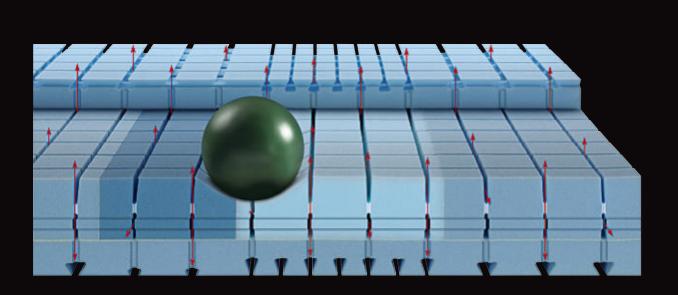
#### Exceptional lying comfort.

The comfort of a mattress depends on how comfortable you feel lying on it. It is particularly relaxing for the human body, when a mattress reacts to body movement by "swinging". Up to now, high-quality cylinder pocket spring mattresses have shown the best swing properties. The newly developed mattress core of the AIR DREAM 7000 now provides exceptionally comfortable swing properties for cold foam mattresses.

### **AIR DREAM 7000**

Multi-zone HR\* cold foam mattress with 20 cm high comfort mattress core

- Highest lying comfort due to 20 cm high core featuring perfect swing and micro-swing properties.
- · Perfect body and spine support due to different function-• Ideal two-phase pressure relief due to patented pyramid cut. al zones that are adapted to the anatomy.





# The premier class with 20 cm core height.

AIR DREAM 7000 with innovative HR\* cold foam core centre.

State-of-the-art cutting technologies provide perfect swing properties for HR\* cold foam.

Especially cut shapes and the three-layer design make it possible:

the 9 cm high middle core is cut into spring elements. 5.5 cm strong upholstered padding with original AIR DREAM patented structure is added on both sides.

Further to the spring effect, the vertical ventilation is complemented by a cross ventilation to provide a perfect air circulation within the entire mattress core.

The core centre defines the mattress zones:

Firm HR\* cold foam and a few flat cuts in the surface support the lordosis zone. Soft HR\* cold foam and many deep surface cuts provide pressure relief in the shoulder zone.

The spring elements provide high-point elasticity. They therefore create a fantastic lying comfort due to swing and micro-swing properties, which has never been achieved in cold foam mattresses before.

Available in 3 firmness levels to guarantee individual lying comfort: Medium firm = BMI up to 25. Firm = BMI 25-31. Hard = BMI above 31.

\* HR = High resilient = highly elastic = genuine cold foam

#### 1 Pressure relief:

Surface segments with 2-phase support Phase 1: soft, point elastic spring system Phase 2: progressive support via core centre

#### Air circulation:

Continuous vertical ventilation plus horizontal cross-ventilation via the core centre.

#### Multi-zone body support:

Surface cut plus spring elements with different firmness levels in the core centre.

O Spring comfort:

Fantastic lying comfort due to spring elements in the core centre.

• Perfect air flow, air circulation and quick dehumidification through vertical and horizontal air channels.



# A new lying dimension.

#### Exceptional pressure relief due to visco-therm technology.

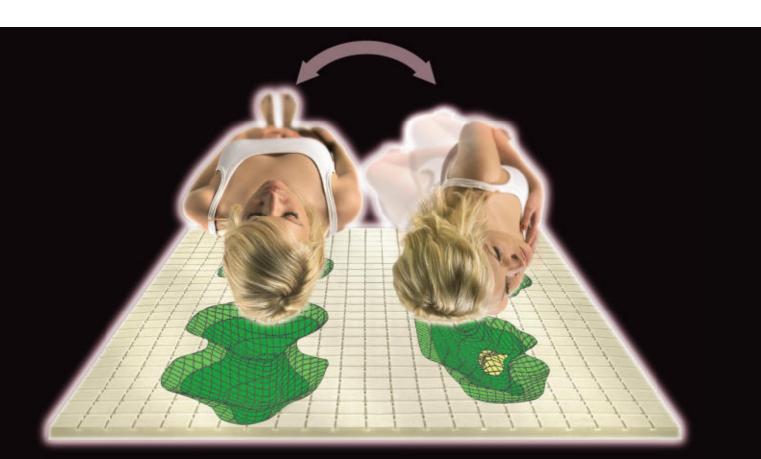
Conventional visco-elastic mattresses provide pressure relief for the body and therefore promote blood circulation. However, the body often sinks too deep into the fine-celled foam of these mattresses. This leads to the formation of hollows thus preventing the natural movement of the body that occurs during sleep. Lack of movement has a negative impact on the free blood circulation. A rigid sleeping position is harmful and leads to tiredness and exhaustion in the morning.

# **AIR DREAM 8000 THERMO**

#### Flexible pressure relief for the resting body.

Visco-therm foam (VW 85) reacts to the weight and temperature of a person with pressure relief (5). Special shape recovery and the correct dimensioning of the material height ensure unlimited freedom of movement





# Developed by hülsta – tested by scientists

• Ideal body support:

Visco-therm foam flexibly reacts to body pressure and warmth. The new point-elastic core centre supports this function with different firmness foam cylinders depending on zone.

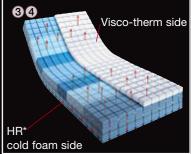
- Highest lying comfort due to Visco-therm foam, enhanced by perfectly swinging core cylinders.
- · Excellent moisture transport: continuous vertical ventilation - cross ventilation in the core centre.
- Reversible: Visco-therm mattress with flexible pressure relief on one side.
- AIR DREAM cold foam mattress with soft, pressurerelieving surface segmentation (pyramid cut).

The correct combination of mattress components is essential to provide restful sleep. High shape recovery for freedom of movement - high point elasticity for pressure relief - ergonomic zones for healthy spine support - perfect air circulation.



- 1 Perfect vertical and horizontal air circulation provides reliable moisture transport from the core. In order to optimise the sleeping climate, we recommend the OUTLAST® cover, which also supports the fast reaction of the visco-therm foam.
- 2 The HR\* cold foam side without Visco-therm with the patented hülsta core structure and a warmer, padded cover is a convincing combination.
- Air circulation:
  - Good air circulation is highly important for Visco-therm. The hülsta system creates a perfect sleeping climate for every temperature requirement.
- **4** 7-zone body support on both sides: Point-elastic HR\* cold foam cylinders in different firmness levels and a segment cut with cuts in different depths and widths (HR\* cold foam side) define zones suitable for different parts of the body.

during sleep. Perfect, as the ideal amount of freedom of movement - adapted to the respective body at any moment during the night – is guaranteed. This allows unrestricted blood circulation and thus restful sleep.





# DON'T CHOOSE ANYTHING LESS THAN A CYLINDER POCKET SPRING **CORE MATTRESS!**

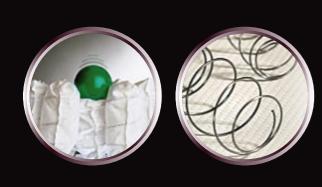
A confusingly large number of spring systems make choosing a spring core mattress very difficult. When does one choose a spring core mattress?

Spring cores have particular swinging properties. When twisting and turning in the bed, a lot of strong swinging has a negative impact on the sleep quality - in order to stabilise itself, the body automatically reacts with muscle tension. However, muscle tension and deep sleep do not work together. This is therefore an issue that is especially reviewed during mattress testing. Micro swinging though is very comfortable and does not disturb the sleep. This is where a good spring core is unbeatable. A decision for spring core is therefore a decision for particularly comfortable lying.

# **TOP POINT 1000**

#### 7-zone cylinder pocket spring core mattress

 Very good body and spine support via 7-zone cylinder pocket spring core and high-quality HR\* cold foam padding.



The invention of the cylinder pocket spring core was a huge step forward in spring core technology. A spring which is slimmer at the top and bottom than in the centre sits in a small textile bag. Only the bag is fixed, the spring itself can react freely and flexibly to any loads.





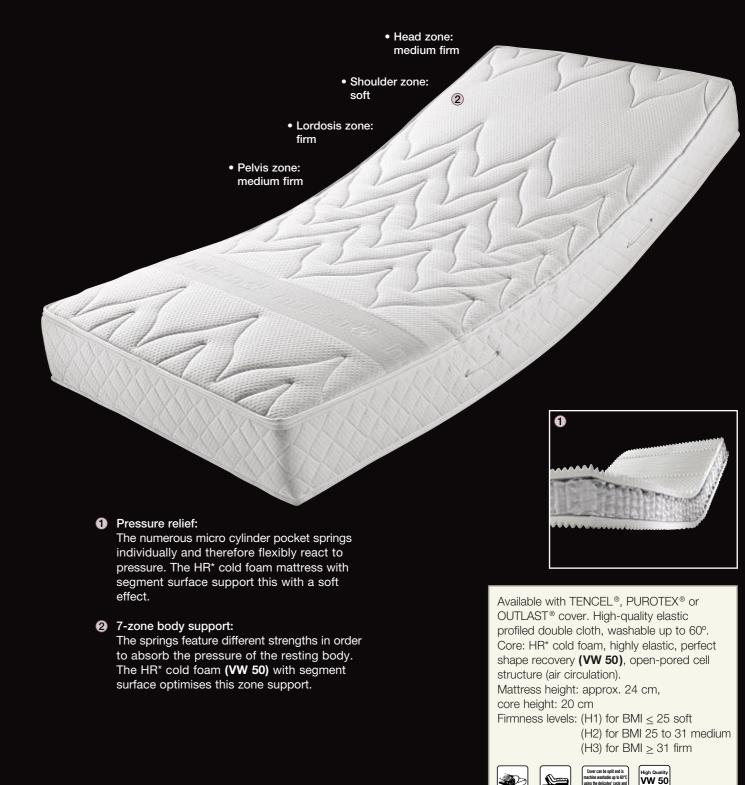
Spring core types, which ensure high point elasticity, are suitable for perfect body support. Each spring must be able to react independently. Spring core systems, where the springs are directly connected to one another, result in a larger area of impact - this may lead to a painful sensation, if the heavier pelvis pulls down the support for the lower lumbar zone. Connected spring core systems include Bonell or cylinder pocket springs.

Spring diameter, height, wire strength, coil number, preloads and number of springs - these are only some of the parameters that can be used for the development of a spring core.



In terms of body-supporting properties, the sub-springing is

less important for spring cores. Using cylinder pocket spring core mattresses, the body support cannot individually adapted via the base frame - an important factor in case of back problems. For pocket spring core mattresses, we recommend our CREA FLEX base frame.



- Effective pressure relief via differentiated surface segmentation.
- Good moisture transport

### **TOP POINT 2000**

#### 7-zone micro cylinder pocket spring core mattress

- Very good body and spine support via multi-zone micro cylinder pocket spring core and high-quality HR\* cold foam padding.
- Effective pressure relief via differentiated surface segmentation.
- air channels and segment surface (pyramid cut).

# **TOP POINT 4000**

#### 7-zone cylinder pocket spring core mattress with micro springs

• Micro springs: more than 900 cylinder pocket springs (100 x 200 cm) and CNC-cut in multi-zone configuration for perfect body and spine support.



soft



firm



- **1** Pressure relief: (2 phases) Phase 1: soft segment springs
- 2 Air circulation:

 Head zone: medium firm Shoulder zone: Lordosis zone: PATENT Pelvis zone: medium firm (4) 2 Available with TENCEL<sup>®</sup>, PUROTEX<sup>®</sup> or OUTLAST<sup>®</sup> cover. High-quality elastic profiled double cloth, washable up to 60°. Core: HR\* cold foam, highly elastic, perfect shape recovery (VW 60), open-pored cell structure (air circulation). Mattress height: approx. 24 cm, core height: 20 cm Firmness levels: (H1) for BMI  $\leq$  25 soft (H2) for BMI 25 to 31 medium (H3) for BMI  $\geq$  31 firm

#### **3** 7-zone body support:

3 Phase 2: more than 900 micro springs in direct contact with the padding provide accurate progressive support. The segment profile padding with full-depth air channels (patent): unhindered air circulation The micro springs come in various strengths, coils and tensions - individually adapted to suit each firmness level and different body zones. The multi-zone HR\* segment padding made from high quality cold foam (VW 60) has a special compressive strength depending upon the firmness level. This provides perfect support for the spine with excellent pressure-relief

(point elasticity) and air circulation. VW 60

#### 4 Partner zip for connecting two mattresses

• Perfect air flow for moisture transport via vertical

Head zone:

Shoulder zone:

soft

Lordosis zone:

firm

Pelvis zone: medium firm medium firm

# 2222

### • Pressure relief:

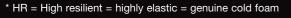
The numerous micro cylinder pocket springs individually and therefore flexibly react to pressure. The HR\* cold foam mattress with segment surface support this with a soft effect.

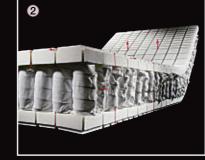
#### Air circulation:

The segment surface of the HR\* cold foam and the patented air channel system in the core provide air circulation right into the core centre for the very first time.

#### **8** 7-zone body support:

The springs feature different strengths in order to absorb the pressure of the resting body. The HR\* cold foam (VW 60) with original AIR DREAM segment surface optimises this zone support.





PATENT

Available with TENCEL®, PUROTEX® or OUTLAST<sup>®</sup> cover. High-quality elastic profiled double cloth, washable up to 60°. Core: HR\* cold foam, highly elastic, perfect shape recovery (VW 60), open-pored cell structure (air circulation). Mattress height: approx. 20 cm, core height: 16 cm Firmness levels: (H1) for BMI  $\leq$  25 soft (H2) for BMI 25 to 31 medium (H3) for BMI  $\geq$  31 firm



- Perfect pressure-relief due to carefully adapted surface segmentation
- Perfect air circulation for moisture transport through vertical air channels and segment surface (pyramid cut)



# Your back will be pleased!

Let us begin with the most important: the world's best slat, consisting of 7 moisture-proof glued veneer layers including the green, original middle layer. Sturdy beech frames with softened edges are perfectly crafted in the same way as on visible furniture surfaces. Plus pure ergonomics: Base frames - featuring flexible slats and bearings - that can be adjusted in different ways to provide perfect body support. Back and foot sections are also adjustable, either mechanically or via motor - upon request even with IR-memory technology. Too much information for now? No problem - simply let your back decide when you look for the most suitable version.

# The best base slat in the world!

# 12 years guarantee for all base frames.



World-class PREMIUM: hülsta is the first furniture manufacturer in the world to have been awarded the "Premium Product" title by the LGA in Nuremberg. Everything at hülsta is "Premium" guality, from the choice of materials all the way through to our after-sales service.



Furniture thoroughly tested by the TÜVRheinland is awarded the GS sign.



hülsta is entitled to label its entire modular unit range with the environment-friendly "Blue Angel" sign.



protection,

extremely

durable.

### Base frame, version LIFT (for INNO FLEX, CREA FLEX and LEVEL FLEX II) Example INNO FLEX

INNO FLEX

adjustable , 9-50°

#### Flexible back section:

- High adjustment for comfortable sitting and relaxing
- Low sleeping position to relieve respiratory tract (reflux, dizziness, snoring)

#### hülsta-quality frame

- beech plywood
- surface

#### Adjustable foot section

adjustable

2-50°

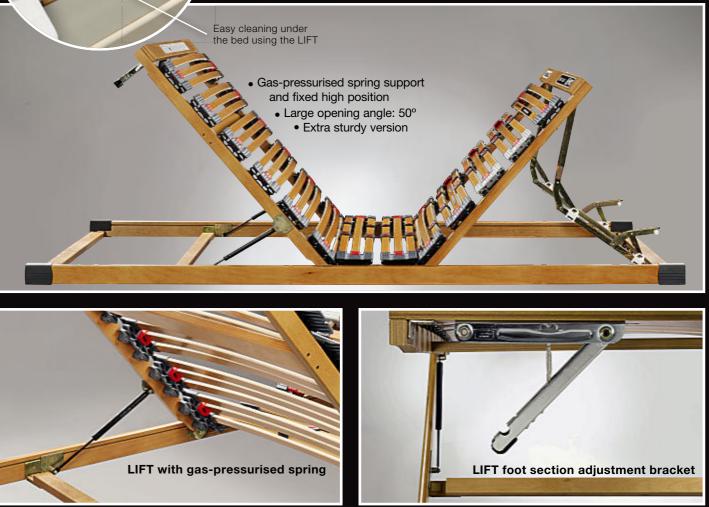
Exclusive hülsta

double-scissor bracket

#### Cardiovascular relief

Putting the feet slightly higher than the thorax provides relief for the cardiovascular system. On the basis of medical information it is recommended not to put the foot section higher than 6 cm. (Please consult your doctor in the case of high blood pressure).

- Moisture-proof glued - High-quality furniture





The green hülsta guarantee layer: Stabilises and therefore increases the stability of the slat. Moisture penetration is avoided and durable, consistent elasticity is guaranteed.

7 beech veneer layers, moistureproof glued

3.

The LIFT completely raises the foot section. Effortless and quick operation due to the gas-pressurised spring. The space underneath the bed can therefore be perfectly used (for instance a linen box). Cleaning underneath the bed is also easy: from above, without having to remove base frame and mattress.

# **INNO FLEX**

Good elasticity – individually adjustable. Universal frame – suitable for all mattresses.

- Stable profiled high-rimmed frame made from multiplyglued beech plywood, softened furniture surface
- Featuring the world's best slat

- High-quality, robust metal brackets
- GS-sign (proven safety)

# **CREA FLEX**

#### The base frame for pocket spring mattresses.

- Sturdy profiled high-rimmed frame made from multiply moisture-proof glued beech plywood, softened edges.
  With the world's best slat
- Elastic double-slat bearing made from high-tech plastic



# Types and sizes

Adjustability	fixed	manual	LIFT	motor
	0			
Back/leg		0	0	0
Head/back/leg				0

Sizes: 70/80/90/100/120/140x190/200/210/220 cm

- Slats, flexibly and individually integrated into bearings, adapt well to the mattress.
- 6 firmness adjusters in lumbar zone provide individual support. Tear-proof centre belt ensures load balancing.

### Types and sizes

Adjustability	fixed	manual	LIFT	motor
	0			
Back/leg		0	0	0
Head/back/leg				0

Sizes: 70/80/90/100/120/140x190/200/210/220 cm

- High-quality, robust metal brackets
- GS-sign (proven safety)



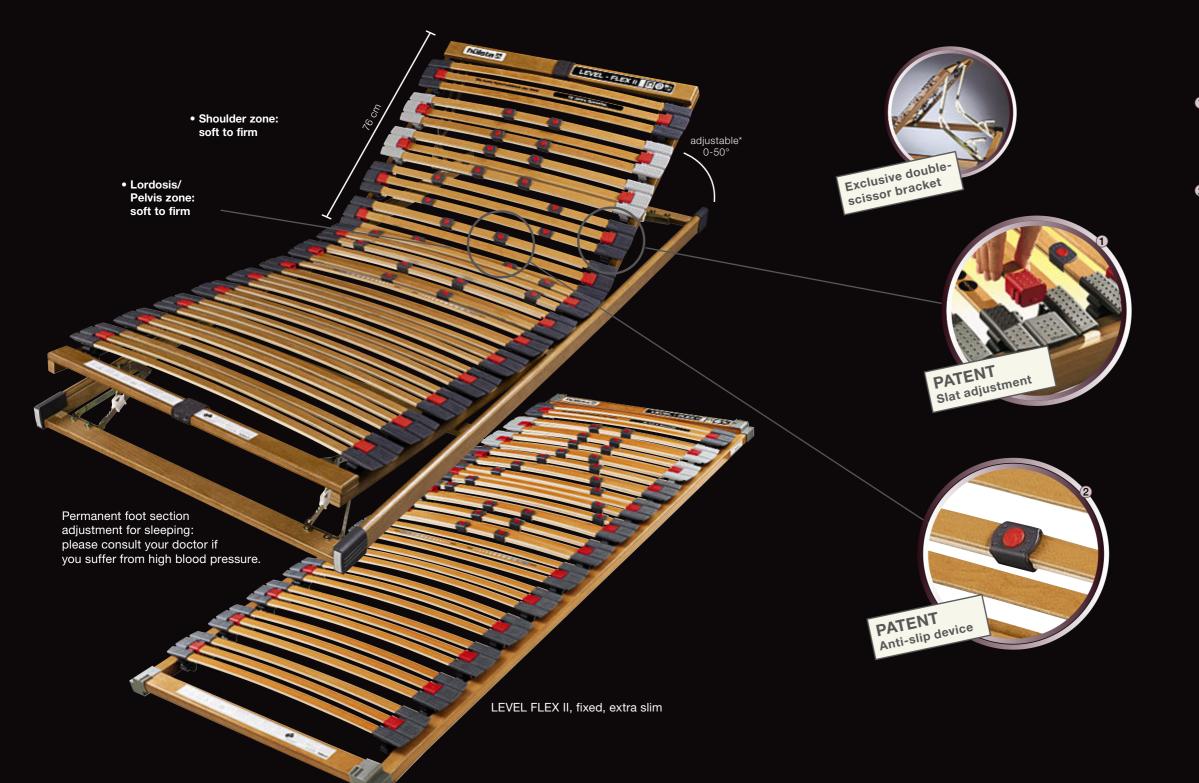
- comfortable sitting position up to 50°
- low lying position from 2°

# LEVEL FLEX II

#### The ideal base frame for Latex and cold foam mattresses.

- Sturdy profiled high-rimmed frame made from multiply moisture-proof glued beech plywood.
- With the world's best slat

- Patented trio-slat bearing with inlay
- High-quality, robust metal brackets
- GS-sign (proven safety)



 Highly elastic trio-slat bearings.
 39 slim slats adapt accurately.
 2-phase support: the centre slats can be set at a lower position or be removed completely: from soft to firm.

2 Greatest individual support for both light and heavy people as well as special parts of the body. Centre slats can be removed or adjusted to high/low. Firmness adjustment from soft to firm.







### Types and sizes

Adjustability	fixed	manual	LIFT	motor
	0			
Back/leg		0	0	0
Head/back/leg				0

Sizes: 70/80/90/100/120/140x190/200/210/220 cm

Double bracket for:

• comfortable sitting position up to 50°

low lying position from 2°



# Extraordinary comfort

Whether cable, remote or infra-red control – your choice. The cable memory or IR-memory technology allow you to save the favourite position you might have either for medical reasons or because you simply prefer it. This position can of course also be changed at any time. hülsta base frames always ensure a relaxed position. If you love reading or watching TV in bed, or if you just want to position certain parts of your body higher up, you will appreciate the comfort of a motor-driven base frame. At the touch of a button, the frame moves into the required position.

# **MOTOR-DRIVEN BASE FRAMES**

The comfortable way for using all of the talents of a flexible hülsta base frame: effortless operation from the bed. Stepless adjustment for perfect body support and relaxation of head and neck at the touch of a button. Important: no "electro smog" during sleep and no stand-by cost. Compatible with superior network circuits.

# CABLE OPERATED HANDSWITCH

Large buttons ensure easy and safe operation. Switch can be hung up on the side of the bed after use. For wider bed sides, we offer a leather strap with magnet.



 Relaxing and sitting position
 Sitting comfortably in bed for longer periods is only possible if all parts of the body are in a relaxed position. In order to sit in bed comfortably, the heel should be relieved and the knee joint be supported. Perfect is a "knee-bend".



 4. Spinal disc relief
 Raised foot section: relief for the spine (spinal discs), heels and knees.





**2. Vein relief** Adjustment in the calf zone relieves the veins. Medical advice:

the tip of your foot should be higher than your chin and your calves should rest horizontally parallel to your body.



#### 3. Cardiovascular relief

Cardiovascular relief can be achieved by positioning the feet higher than the thorax. According to medical advice, the height of the foot section compared to the rest of the bed should not exceed 6 cm. (Please consult your doctor, if you suffer from high blood pressure).

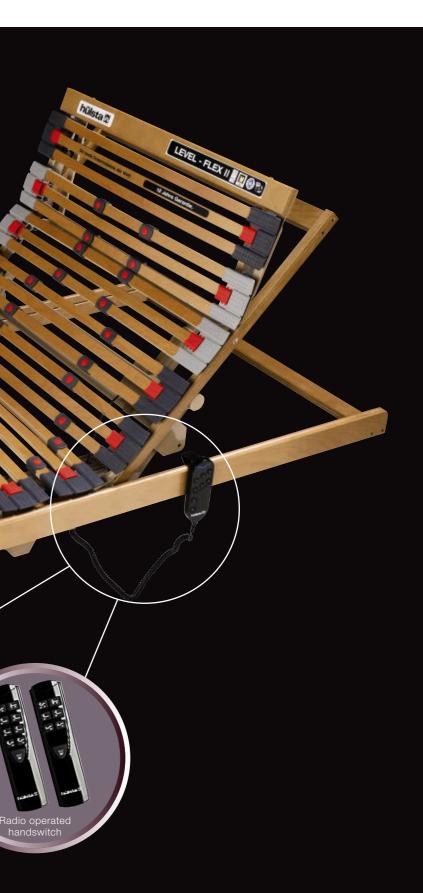


# Upper body relief Angled back section: muscle-relaxing position. Also suitable for therapeutic purposes to achieve relief from reflux, dizziness or snoring.



### **INFRA-RED REMOTE CONTROL**

② Can be used anywhere in the room without cable: highperformance infra-red technology provides excellent adjustment comfort. Available with memory function on request, making it very simple to use all of the comfort features of the frame.



# LEVEL FLEX II – MOVE (flat motor technology)

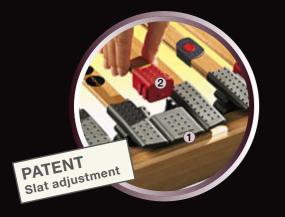
No space underneath bed required. Invisible adjustment technology using 3 motors.

- Back and foot sections adjustable by motor.
- 6-zone system: With innovative lordosis and freely adjustable head support.
- Exclusive motor technology, "invisible" integration into inner frame.
- No space for motor technology underneath base frame within the bed (linen box) required.
- Optionally available with remote control; manual emergency lowering.
- Featuring the world's best slat.

- · Cable operation with memory and two switchable sockets
- Remote control (without memory)
- Disconnection from power supply.
- Consistent low-voltage technology.



Raised foot section: Relief for spine, hells and knees.



- 1 Highly elastic trio slat bearing. 39 slim slats perfectly adapt (2 m length).
- 2 Highest possible individual support for light to heavy people and individual areas of the body. Centre slat removable or high/low position of centre slats: firmness adjustment from soft to firm.



Patented adjustment slides. Firmness adjustment across the entire upper body zone. Pelvis - lordosis - shoulder can be individually supported.



Angled back section: Muscle-relaxing position. Also suitable for therapeutic purposes, such as for respiratory tract relief or in case of problems with reflux.



Relaxing position: Head section can be individually adjusted using the third motor.



Cable operation with twofold memory, easy to operate. Electrical safety: no power supply in bed. Low 24 Volt current only flows when pressing the buttons. Remote control (optionally) available. Easy operation with the same electrical safety.







Control for cable operation with 2 euro sockets max. 625 W, 250 V, 2.5 A. Can be switched on/off via manual switch.



fitted with plastic covers.

- 3 years guarantee on motor technology.
- 12 years guarantee on all other frame parts.

The complete mechanism is



In the case of a power cut, the base frame can simply be lowered manually.



# We are a strong DUO.

A simply perfect choice, as everything matches so well. This will last for a long time. We are talking about the hülsta DUOS: carefully selected combinations of mattresses and base frames that perfectly complement each other. The individual components are an ideal match in terms of ergonomics and quality and guarantee exceptional sleeping comfort without compromise.

# The perfect DUO H: AIR DREAM 2000 and LEVEL FLEX II

AIR DREAM 2000 with "TENCEL®"/"PUROTEX®"/"OUTLAST®" cover, LEVEL FLEX II with back and foot section adjustment.

# **TWO FANTASTIC PRODUCTS! ONE FANTASTIC PRICE!**\*

# THE TOPSELLER DUO\*: TOP POINT 4000/INNO FLEX

TOP POINT 4000 mit "TENCEL®"/"PUROTEX®"/"OUTLAST®" cover, INNO FLEX with back and foot section adjustment.

# **HIGHEST SPRING COMFORT! ONE FANTASTIC PRICE!\*\***



Offer sizes: 80x200cm; 90x200cm; 100x200cm Choose the suitable firmness according to your Body Mass index: soft, BMI < 25, (1) medium, BMI 25-31, (2) firm, BMI > 31, (3)

to your Body Mass Index: soft, BMI < 25, (1) medium, BMI 25-31, (2) firm, BMI > 31, (3)

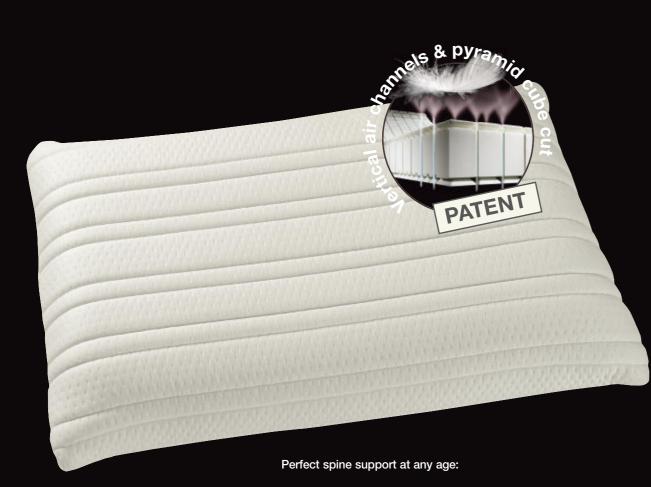


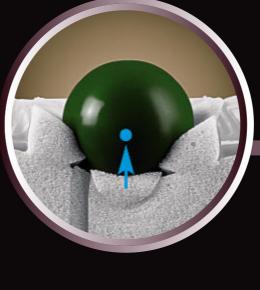
# AIR DREAM K 1000 | K 2000 | MK 3000 PILLOW

#### Cold foam pillow for healthy sleep.

- Particularly soft head support with even pressure distribution
- Perfect head and neck support
- Individually adjustable in height

- Perfect moisture transport
- Removable cover washable up to 60°C.





2-phase support with elaborate CNC cut: Phase 1: soft, point-elastic segment springs. Phase 2: core centre progressively supports the body.

2 cm thick foam insert for individual height adjustment (approx. 8-10 cm)

# Straight pillow core

#### Advantage:

- No contour cut therefore
- no wrong shape
- No head fixation Free movement

an insert layer.

# Air circulation

Patented vertical and horizontal air circulation beneficial to respiratory system.

Available with TENCEL® cover. High-quality elastic profiled double cloth, washable up to 60°. Core: cold foam, highly elastic, antiallergen, dustproof, odour-free.

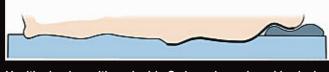


Visco side 🛶

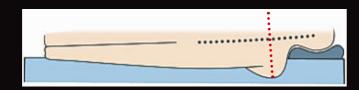
Wedge shape

Very important: perfect balance between user, lying surface and pillow.

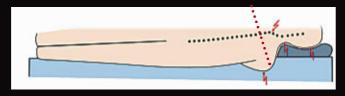
- Back position decides on correct pillow height. Head remains in line with the body.
- Sufficient shoulder relief in side position is absolutely vital.
- Sufficient softness of the pillow prevents blood congestion.
- Size: 36 x 68 cm is favourable. (suitable for 40 x 80 cm covers)



Healthy back position: double S shape in neck and lordosis zone.



Healthy side position: straight spine without bending towards the side.



Incorrect side position: spine bent to the side.

# Air Dream K 1000

Two profiles in one core for variable, comfortable support. Cosy feel and good ventilation. Height can be changed by adding an insert layer.

### Air Dream K 2000

Patented segmented core with vertical ventilation. Ensures very comfortable lying position and neck support. Height can be changed by adding

# Air Dream MK 3000

Particularly flexible due to visco cold foam core. Turning the specially shaped core half provides three lying heights. Featuring patented segmented core and vertical ventilation.

Cold foam side

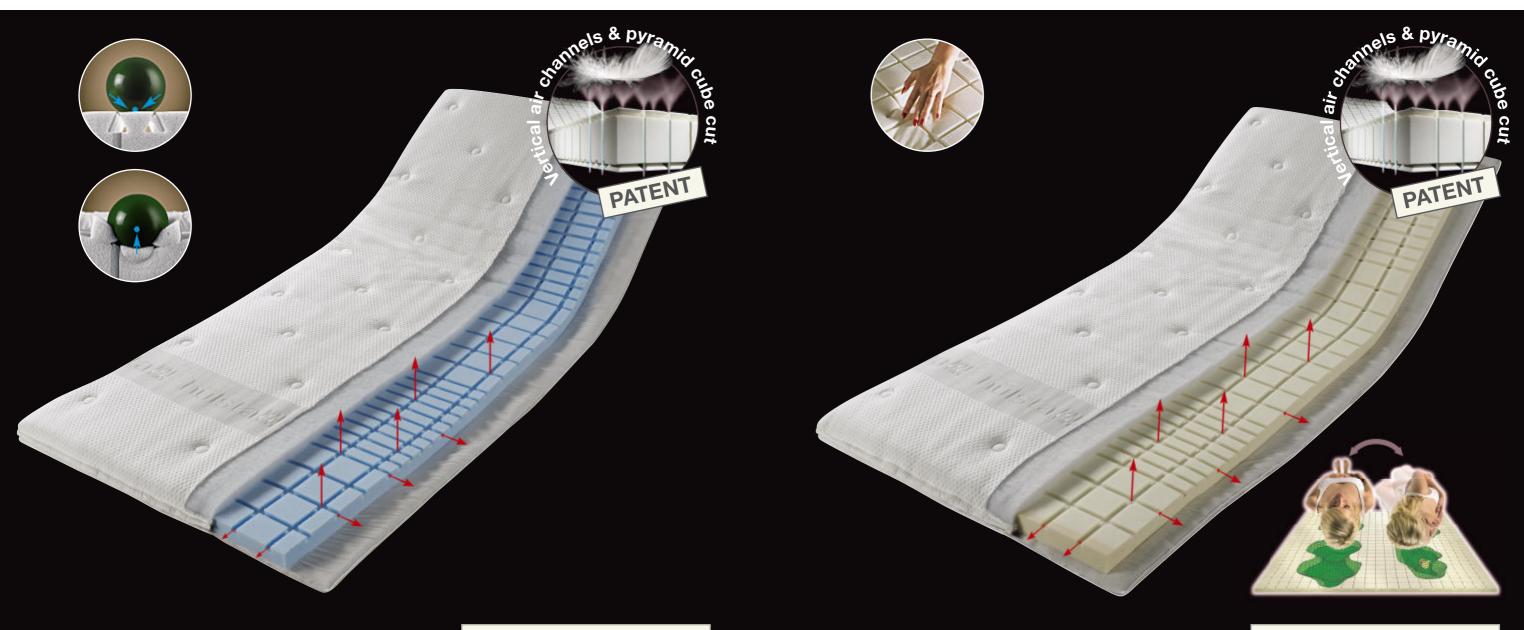
# **COLD FOAM TOPPER**

A topper is used to make the lying surface even softer and

as the TOPPER is the hygienic part. In the case of a double more comfortable. The useful life of a mattress is extended, bed, the TOPPER covers the gap between two mattresses.

# **VISCO TOPPER**

The special hülsta Visco-therm foam reacts to the weight and temperature of the person lying on it. The body sinks in deeper, the lying pressure is reduced by the resulting larger contact area. Special shape recovery and the correct dimensioning of the material height ensure unlimited



- Perfect air circulation for moisture transport via vertical air channels and segment surface.
- Soft, pressure-relieving surface segmentation (pyramid cut).
- For a cooler lying surface, we recommend the OUTLAST<sup>®</sup> cover.
- PUROTEX<sup>®</sup> and TENCEL<sup>®</sup> covers make it cuddlier and warmer.

• Standard sizes: 70 cm width to 200 cm width 190 cm length to 220 cm length Available with TENCEL®, PUROTEX® or OUTLAST<sup>®</sup> cover. High-quality elastic profiled double cloth, washable up to 60°. Core: HR\* cold foam, highly elastic, perfect shape recovery (VW 60), open-pored cell structure (air circulation) with 20 mm spacer fabric in the centre. TOPPER height: approx. 8 cm, core height: 4 cm



- Perfect air circulation in vertical direction ensures reliable moisture transport from the core. For a perfect sleep climate, we recommend the OUTLAST<sup>®</sup> cover, which also supports the fast reaction of the visco-therm.
- PUROTEX<sup>®</sup> and TENCEL<sup>®</sup> covers make it cuddlier and warmer.
- Standard sizes: 70 cm width to 200 cm width 190 cm length to 220 cm length

freedom of movement during sleep. Perfect, as the ideal amount of freedom of movement is guaranteed at all times during the night. This allows the blood to circulate unhindered, thus ensuring calm and restful sleep.

> Available with TENCEL®, PUROTEX® or OUTLAST<sup>®</sup> cover. High-quality elastic profiled double cloth, washable up to 60°. Core: Visco-therm (VW 85), highly elastic, perfect shape recovery, perforated openpored cell structure (air circulation) with 20 mm spacer fabric in the centre. TOPPER height: approx. 8 cm, core height: 4 cm



#### How firm should a mattress be?

**CREA FLEX** 

**INNO FLEX** 

Universal base frame

The base frame for all

Weight alone is not the only criterion for the choice of a mattress; size and the body's proportions must also be taken into consideration. The choice of firmness level

also depends upon individual comfort preferences as long as the basic physiological requirements for body support are still being respected.

#### Pocket spring core mattress system

# **TOP POINT 1000 TOP POINT 2000 TOP POINT 4000** 16 cm thick core 20 cm thick core pocket spring core mattresses 3 firmness levels 3 firmness levels 20 cm thick core 16 cm thick core suitable for all mattresses 3 firmness levels 3 firmness levels 16 cm thick core 20 cm thick core LEVEL FLEX II MOVE Flat motor technology to 3-motor comfort version 3 firmness levels 3 firmness levels

hülsta only offers the very best spring core mattresses, micro cylinder pocket spring core mattresses. The TOP POINT range offers 2 types, featuring different core heights and a 7-zone construction for perfect support of the entire body. Both mattress types are exceptionally comfortable. The base frame has little impact on the body-supporting properties of the mattresses.

#### Body Mass Index (BMI)

The internationally recognised Body Mass Index (BMI) is the basis for the choice of firmness level of the mattress. In the case of back problems, an individual, problemoriented determination of the firmness level should be made.

#### The BMI is calculated using a simple formula. Example:

Body weight 75 kg 75 = вмі 23,67 Body height (1,78 m)<sup>2</sup> 3,1684

#### Firmness level of the mattress

Recognisable by the colour in the illustration:



Firm, Body Mass Index ~ ≥ 31

HR<sup>\*</sup> cold foam mattress system

	AIR DREAM	
	AIR DREAM	
EVEL FLEX II	16 cm thick co	
he ideal base frame for cold bam and Latex mattresses		
	3 firmness lev	
NNO FLEX	16 cm thick c	
Iniversal base frame suitable or all mattresses		
	3 firmness lev	
EVEL FLEX II MOVE	16 cm thick c	
lat motor technology to -motor comfort version	2 firmpage lou	

3 firmness levels

hülsta only offers genuine HR\* cold foam mattresses. The patented core construction creates a perfect 7-zone body adaptation. The body-supporting properties of the mattresses are individually enhanced by the base frame - ideal combinations for all types of back problems.

#### Climatic properties – cover

- TENCEL<sup>®</sup> + PUROTEX<sup>®</sup> Normal warmth - high cosiness effect
- OUTLAST® Cooler cover, firmer



Climatic properties – mattress core Recognisable by the colour in the illustration:



Good moisture transport,



normal warmth



Good moisture transport, slightly warmer



Very good moisture transport, less warmth

# My SUITE home. Sleeping comfort for my home.

my SUITE home Boxspring will suit the highest expectations in terms of luxurious sleeping comfort.

Design, function and quality are typical hülsta. Experience sleeping comfort that only **my** SUITE **home** Boxspring can bring. An individual mix of box, mattress and topper combines correct lying with perfect comfort. The wide choice of components provides an individually adaptable basis for restful sleep. The exclusive design and extensive selection of fabrics, piping and headboards allow you to create your personal sleep paradise using **my** SUITE **home** Boxspring – a perfect design that will effortlessly match your hülsta bedroom.

Ask your retailer about my SUITE home Boxspring from hülsta!

The hülsta system ranges and individual products are protected by a large number of national and international patents, prototypes and registered trademarks. Subject to alterations in construction, colour and materials by way of technological progress. Subject to error. Design of all furniture: hülsta designer team.

One more important note for you:

Our veneer experts purchase the most beautiful and precious veneers worldwide. Genuine wood is a natural product, its graining and structure is fascinatingly unique. As each leaf of a tree is different, so is each sheet of veneer. Typical features such as graining, knots and colour shades are created by the life history of a tree. They are therefore a sign of the ineradicable character of the natural wood and the only guarantee for its genuineness. Due to the materials that are used, even new furniture may show differences in colour or structure over time. Colour differences for additional purchases at a later date will adjust after a while. Vertically and horizontally veneered parts have a different colour shade; this is due to the refraction of the light in the pores of the wood. In the case of products with fabric covers, standard trade colour deviations must be accepted in additional and subsequent purchases. Cover fabrics as well as finishes are subject to changes in fashion and are no longer available once they have been discontinued. When taking photos (ambience photos), the colour of the articles can change due to light and colour reflections of floor, wall and ceiling colours. Despite high-quality prints, further colour deviations can never be completely excluded. Such colour tolerances are excluded as reasons for complaints. Always ask to be shown hülsta's material samples when purchasing.

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Dated 02/2014, Imprimé en Allemagne, Printed in Germany Feeling well is not simply a matter of chance.



71