

*There is strength in calmness*



**moosburger**

*Rosshaar-Manufactur*

*handed over by:*





## Hello and Größ Gott

For more than 100 years the art of upholstery has been passed on from father to son. In this way also the fifth Moosburger generation has learned the profession of upholsterer.

In the course of the many years we have worked with all kinds of upholstery materials (afrigue, coconut fibres, sisal, kapok, feathers, wool, foam, latex, horsehair, etc). So far horsehair has proved to be the best material. ~~It has both excellent upholstery characteristics and fulfills climate-friendly, health-oriented requirements.~~

X It has both excellent upholstery characteristics and fulfills climate-friendly, health-oriented requirements.

With regard to mattresses made of horsehair they became a culmination of the upholsterer's craftsmanship. Their workmanship production requires experience, practice and careful handling.

It was back in the 1980s that we specialised in horsehair as our main and much appreciated upholstery material. In the years that followed we intensified our knowledge and our production of horsehair products. Today we are the only manufacturer worldwide that produces beds from the raw materials to the end product under one roof.

In our family business in Hörbranz on the Lake of Constance we process horsehair solely of ultimate quality. The handcrafted products are completely natural and put together with the greatest care in our manufactory. With our products we seek to serve those people who look for quality and who attach great importance to their sleep.

In this spirit we hope that you enjoy reading this brochure and we wish you, of course, a good night's sleep.

Yours sincerely,  
Family Moosburger

## *Sleeping - in total accordance with the nature of man*

*Human beings have hair.*

*If people use hair to lie on and cover themselves with, they just extend their natural hair covering.*

*Animals don't need anything but their fur to lie on and cover themselves - in summer and in winter.*

*Covered in their fur they sleep on wet and cold grounds, even on snow - and stay healthy all the same.*



*Hair - cooling when it's hot and warming when it's cold*

## *Which hair to lie on and which hair to cover yourself with?*

*Wool, cashmere, silk, camel, llama and alpaca etc. are the most appropriate for covering yourself. They are thin, light, soft and supple.*

*Horsehair has, for 500 years, proved its ~~value for~~ the production of mattresses, mattress toppers and pillows. Horsehair is thicker and longer than other hair. Due to its curliness it withstands the body's weight like a spring and stays permeable to air at the same time.*

## Horsehair varies

The naturally straight horsehair may only be called horsehair once it has been curled, also the softer mane and cattletail hair as well as the strong horsetail hair.

Three horsehair qualities are differentiated by the Austrian ÖNORM regulation 51690 and the German standard RAL 599 C4.

X Vielleicht gleich  
in die nächste  
Zeile

**Horsetail hair:** exclusively horsetail hair that is longer than 15 cm

**Tail hair:** exclusively horse- and/or cattletail hair that is longer than 10 cm

**Horsehair:** horsemane hair with at least 20% tail hair which need not necessarily be washed, but only cleaned.

Hier Text eingeben



## moosburger® horsehair - better than the standard

Only the best quality horsehair is used for our mattresses, mattress toppers and pillows:

- horsehair which is exclusively washed in our house
- hair that is 2 to 3 times longer than stipulated by the standards
- hair with a particularly strong springiness due to its curliness
- ~~XX~~  
~~XXXXXXXXXXXXXXXXXXXX~~ bitte löschen  
our manufactory
- washed with ecological soap, gently steamed and correctly stored in our manufactory



## moosburger® horsehair - the best possible processing



We collect the hair in our own truck. This gives us the possibility to preselect the longest hair from the start.

So begins the quality check with our own people long before the hair arrives at our company.



In our laundry the hair is washed with a lot of clear, fresh water and with detergents that are 100% biologically degradable. After washing the hair is re-greased in order to guarantee the hair's longevity. X Beistrich fehlt



The next step is to comb the hair with the help of the, so called, hackling machine which frees the hair of knots. Now the hair is ready to be put on the spinning machine where it is spun into thin braids. The thinner the braids the more twists they will have and the stronger the springiness will be after untwisting them.



The crimpiness will be fixed gently under steam using trusted traditional methods. Then the hair is steamed for three hours with the highest steam temperature possible. In that way the hair becomes elastic and is hygienically faultless. kein Bindestrich notwendig wäre nur als Trennung richtig  
With this process, the hair is subjected to marron changes and thereby the hair becomes strongly crinkled.



The blow drying of the horsehair braids in the drying chamber takes up to three days. The horsehair is then adjusted to the normal air humidity. In order to avoid vapor diffusion, the hair temperature is gradually adjusted to the room temperature.



The dried and tight-twisted bundles of horsehair are then stored for at least 3 months. This will, according to old traditional knowledge, intensify the crimpiness which as a consequence will last forever.

This is reflected here:  
There is strength in calmness



Depending on requirements moosburger® untwists the horsehair by hand. By this untwisting process the tight-twisted braids are loosened again. In this way the quality of the long hair is preserved with the highest elasticity possible.



The hair gets its natural volume through hand-combing. Then it is weighed and now ready to be used for all the horsehair products that are made in the Moosburger horsehair manufactory. The result is the best horsehair quality ever - moosburger® thus stands for guaranteed quality.

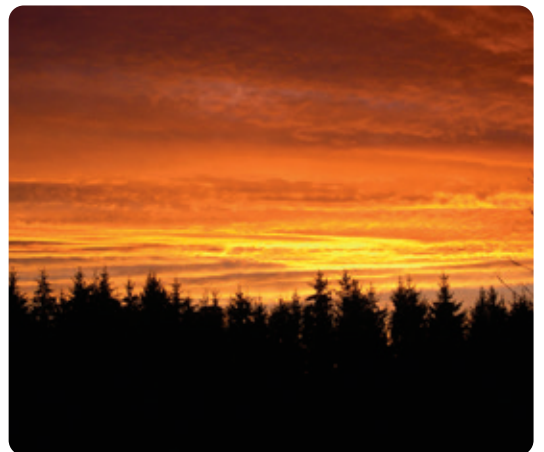
## *Naturally healthy sleep on moosburger® horsehair products*

*Our mattresses, mattress toppers and pillows have proved their value since the 1980s. Their air permeability ensures a wonderful pleasant and dry sleeping climate. In winter as in summer you will feel cosy on them. And for people who tend to sweat or who suffer from rheumatism our products are the only alternative.*

*They help people suffering from allergies (dust, pollutants, animal hair) and people suffering from skin problems (eczema, psoriasis, neurodermatitis). The burden on people's immune and defence system will be relieved internally and externally through 100% natural materials. Horsehair and cotton are produced 100% according to ecological standards. As a consequence you will sleep well and be a more healthy human being.*



sleep  
~~xxxx~~ well  
and stay  
healthy



*Experienced donors have acknowledged that earth rays and electrosmog will be reduced with horsehair and it protects from electrostatic charge and helps you to sleep soundly.*

*"The bioelectrical cell energy of the horsehair activates energy pathways (chakras) and the energy and vitality of the horse is transmitted to the human being. Energy blockages can dissolve."*

*-- Experiences made by natural healers --*



## Horsehair and allergies

In connection with allergies horsehair plays a vital role. Generally speaking horsehair is the most valuable material for allergy sufferers.

### House-dust allergy

House-dust allergy sufferers mostly react to the mite excrement. In order for mites to spread they need humid warmth. They proliferate with the relative humidity being around 73 - 85%. In a mattress made of horsehair the maximum humidity will not be higher than 55%, not even if the human has fever. ~~moosburger~~ <sup>Moosburger</sup> horsehair mattresses are so permeable to air that even a hot body will be cooled and stay dry. If the body doesn't sweat, the hair will stay dry. Mites also live from mould spores. Due to the fact that horsehair is a pure horn product it cannot mould. The hair will simply rot at the end of its life cycle which will be after 80 to 100 years.

### Horsehair allergy

Horsehair allergy sufferers are allergic against soft proteins. This means that they are allergic against all substances around the hair that can mould, e.g. sweat, hair roots, the outer protein layer of the hair and possibly also against excrement and urine. All this will be removed by moosburger® through the thorough washing and steaming of the horsehair. What remains is pure horsehair that eventually rots when its long life cycle has been fulfilled.

## Substances that are not there cannot strain the body

### Pollutant-allergy

moosburger® horsehair products are 100 % natural - inside and outside. The filling is manufactured in the workshop of Moosburger with great care and without any chemical substances. The shell is made of raw materials that come from controlled biologically raised plants, they are unbleached and undyed. The same is true for our covers which additionally comply to the standards of GOTS.

## Lying on horsehair - lying on soft or firm base?

### Lying on a firm base:

The horsehair mattress BIOCEN O-RS is a firm mattress. It has proved its value with people who suffer from back ache or who have problems with their spine or their intervertebral discs. The slatted frame influences the flexibility of the mattress. On a highly flexible slatted frame the mattress tends to be more adaptable to the body than on a less flexible frame.

Old and worn-out slatted frames put a lot of strain on the mattress. <sup>M am Satzanfang groß schreiben</sup> moosburger® produces its own slatted frame consisting of three parts, <sup>als Satzzeichen fehlt</sup> one of it being the so-called base mattress UF-RH 3/3 (see page 12). <sup>hier fehlt der Apostroph</sup> It's the perfect complement to the horsehair mattress.

<sup>hier würde ich gleich mit einen neuen Absatz beginnen statt der Einrückung</sup> **Suggestion:** <sup>XXXXX bases,</sup> for the healthier lying on firm <sup>moosburger®</sup> also recommends a firm pillow. To sleep well in the lateral position the space between head and shoulder should be filled out. For this reason a neck pillow is particularly important as it supports both neck and shoulders.



### Lying on soft base:

Those who prefer to lie more softly may choose Moosburger's horsehair mattress <sup>topper</sup> BIOCEN MA-RS in combination with the double cushioned base mattress BIOCEN UM-RS 3/3. Together they create a soft and cuddly effect.

The same effect can be reached if the somewhat stiffer mattress BIOCEN OH-RS is put on a very flexible slatted frame. <sup>bitte nicht trennen gleich in die nächste Zeile als Ganzes</sup>

## The BIOCEN-system



In 1982 Walter Moosburger developed the BIOCEN-system which, as a consequence, revolutionized the horsehair mattress. The inside of the entire mattress is divided into chambers which are filled with tiny cube pillows. These little parts, which are of exactly the same size and weight, are filled with horsetail hair and are inserted into the mattresses' chambers. In order to have access from both sides, the mattress can be opened with a zip on either side.

## The advantages of the BIOCEN-system:



*The filling can be washed package-wise.*

In this way particular cube pillows can be taken out and washed singly at 30 degrees. Dried in the drier these parts of the mattress will soon be usable again.

*The mattress can be made firmer.*

After about 9-10 months use, it is possible to add a half filled cube pillow to make the mattress firmer.



*The life of the mattresses use is extended.*

Through repositioning of the cube pillows - side cubes to the middle and middle cubes to the side - the durability of the mattress will be extended.

*A tripartition that is not noticeable.*

The mattress is made slightly larger than the specified size so that the three parts fit in the bed frame. Once you lie on the mattress, the three parts are compressed so close together that you don't feel any gap or hard edges.





## The tripartition

The mattress care couldn't be easier. The individual parts are light and handy. They can easily be moved by one person without back-breaking efforts. To put them into the sun you only need one window - so you can avoid carrying them long distances.



Their durability can be extended. <sup>It is</sup> ~~It's~~ the middle of a mattress that is strained the most. By swapping the position of the three parts the strain on the material is equally distributed. The horsetail hair can regenerate in the less used foot area and this is how the original springiness comes back again. In this way a fast wearing out can be avoided and refurbishing can be delayed.



## Horseshair base mattress UF-RH 3/3

The base mattress is a three piece, horseshair upholsted wooden slatted frame. A wooden slatted frame without horseshair upholstery could, through dampness from sweat, get weakened in time. Therefore the horseshair upholstery prevents the wood from firing. This construction is mounted on a purpose-made 3 cm wooden frame.



Cleaning, especially under the mattress and bed becomes easier and does not need much physical exertion. The individual parts are handy so can easily be moved by one person without back-breaking efforts. With proper care their durability can be extended.



The middle part of the mattress (buttocks area) is the most heavily strained area. By turning and swapping the position of the three parts the strain doesn't remain on the same spot. The base mattress lasts longer. The horseshair upholstery serves as a breathable mattress protector. It substitutes any other protector between slatted frame and mattress and it reduces the strain on the mattress fabric at the same time. Special wooden elements can be fixed on the wooden frame in order to elevate the head or the legs.

## Moosburger's varied possibilities

### Mattresses and base mattresses :



The BIOCEN O-RS is about 11 cm high and is a traditional, firm mattress. It comes in two varieties: either as a one or preferably a three-piece mattress. They are exclusively filled with the horsetail hair and it can be put on any standard slatted frame. The ~~XXXXXX~~ fabric shell consist of washable, 100 % in neue Zeile bitte certified organic cotton. In connection with the three-piece base mattress the BIOCEN O-RS is a very flexible and easy-to-clean bed system. The three pieces can be snapped and put out to air with ease.



~~XXXXXX~~ mattress cover soft-shell MH-RS is called so because it covers the three-piece mattress and keeps it together. You will get a cuddly feeling. The zipper is sewn along 3 sides with 2 closing devices, which can be closed in any position. The MH-RS can also be used on any other type of mattresses and made in every requested size and height.



The BIOCEN OH-RS is about 7 cm high. It is filled with ~~XXXXXX~~ horsetail hair and it totally transfers the flexibility of the base mattress. The habitual shoulder and pelvis sinking becomes more noticeable.



BIOCEN MA-RS is Moosburger's leading mattress topper. It can be ~~XXXXXX~~ 1 x zuviel put directly on the base mattress BIOCEN UM-RS 3/3 which is produced for this purpose. It is a slatted frame substitute and is upholstered with an additional layer of horsetail hair in the typical BIOCEN way. The mattress topper ensures an additional softness.



## Toppers:



The soft mattress topper BIOCEN MA-RS is 5 cm high. It consists of 50 individual cube pillows made of horsetail hair. The shell cotton is organic and washable at 60°C. It is possible to change the individual cubes and also to wash them at 30°C. Its high air permeability ensures a pleasant sleeping climate because it keeps your body warm and dry. <sup>that is</sup> ~~That is~~ why this mattress topper is the ideal combination with too warm or too cool mattresses – in the summer as in the winter it ensures the same agreeable temperature. Carrying straps on both sides facilitate the handling. The topper is available in different sizes and can eventually cover gaps on an existing mattress. After long years of use it can even be re-worked.



The MS-RS is 3 cm high and the horsetail hair is fixed directly to the <sup>fabric shell</sup> ~~xxxxx~~ by quilting. It can be cleaned in a commercial laundry or washed in the bathtub at maximum 30°C. The best care is regular airing of the topper. It can be used with any standard mattress and will improve <sup>Leerraum zuviel</sup> ~~X~~ quality through its perfect temperature and humidity control. The MS-RS mattress topper will serve you for a long time but cannot be re-worked at the end of its durability.



The duvet ZU-RH is filled with 100% horsemane hair and stitched in several places. The curling of the horsehair creates a large air cushion between every single hair, which provide insulation in the night. At the same time, the skin can breathe and this prevents overheating under this duvet. The cover is woven with 100% organic cotton and can be washed at 30°C.

## Tailhair neck pillows

Since 1980 Moosburger's neck pillows have proven their value thousands of times. Neck pillows help with neck and shoulder pains and numb arms. Even back pain can disappear or at least be alleviated.

Moosburger's neck pillows are also an absolute blessing for rheumatics and for sleepers who sweat easily. Due to its high air permeability it cools the head and the neck even on hot days. They are also beneficial for people suffering from migraines and headaches, assuming the correct positioning of pillow and head are adapted.

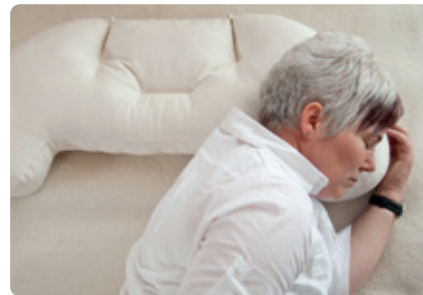
The neck pillows A, B and CF are suitable for the back and side position. Pillow H is only suitable for the side position. Each moosburger® pillow can be adapted to individual customer needs by adding or removing hair. A re-working of the pillows <sup>is</sup> ~~xxx~~ always possible.

Then the pillow is fresh and elastic again as on the first day. The pillows can be washed in the washing machine. If washed including the hair, it should be washed with max. 30°C. The pillow shell made of 100% organic cotton and without the hair, can be washed at 60°C.



## Neck pillow A

The neck pillow A is suitable for the supine and side position. It is ideal for people rolling up in the side (embryo) position. The neck pillow A ~~XXX~~ is bitte nur A about 80 cm wide, so sleepers need not move the pillow back and forth when turning to the other side.



The pillow is filled with horse or cattletail hair. The pillow consists of 4 parts which can be individually adjusted to the customer's needs. For the supine position it offers a neck roll, for the head there is a soft and thin cushion. For the side position there are two solid pillows on both the right and left hand side.



*The curve on both sides is ideal for the embryo position:*



*Thanks to the large bulge to the front left and right the head fully rests on the pillow. There is no need to pull the pillow forward. Due to its solid filling the pillow supports and cosily warms the shoulders even at cooler temperatures.*

*The neck roll of the pillow adapts to the neck:*



*In the supine position the back of the head should always be at the same height as the shoulders. Only the neck is supported. The pillow can easily be adjusted to the customer's needs by removing or moving the hair.*

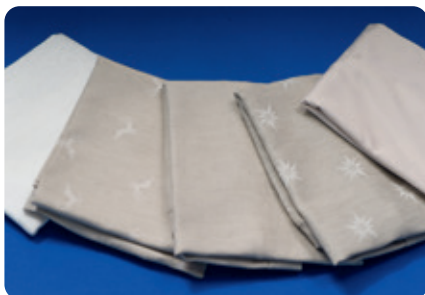
*A pillow made of horsehair is easy to handle:*



*By opening the zip and putting the pillow outside to air 2 to 3 times a year is the best care for it. Preferably when the moon is ascending. Moon calendars can be obtained from Moosburger every year.*

*For each moosburger® pillow there are suitable cotton-~~damask~~ covers. All of them are made of 100% organic cotton and comply with the standards of GOTS. Furthermore, they are locally sewn in Hörbranz on the Lake of Constance.*

*A moosburger® pillow lasts a very long time:*



*Pillows made of horse or cattletail hair last for decades. After about 7 to 10 years a re-working of the pillows is recommended. For this the hair is loosened, cleaned, aired, hand combed and re-filled into its ~~XXXXXX~~ fabric shell. If necessary, the old shell will be replaced by a new one.*

### Neck pillow B



The neck roll of pillow B is smaller (60 cm) and slightly lower than the neckroll of A. It is most suitable for children older than 6 years and adolescents. It can also be used as a travel pillow for those who don't want to miss their neck pillow.

### Neck pillow CF



The neck cushion CF is smaller than the A. It has no curve so that it can be combined with a regular 40 x 80 cm pillow cover. ~~It is~~ ~~xxx~~ particularly suitable for people who, in the side position, do not bow their head.

### Shoulder pillow H



Pillow H is a firm pillow exclusively manufactured to sleep in the side position. It is suitable for rather corpulent people who don't sleep on their back. The pillow relieves the strain on the shoulders.

Thanks to the gentle curve the head is free to move back and forth while always in full contact with the pillow.

## Horsehair pillows that have proved their value for generations



moosburger® offers a variety of pillow sizes. They are mostly filled with horse or cattletail hair. The fabric shell is free of any chemicals, made of 100 % organic cotton. They are equipped with a zip and are washable at 60°C. If the entire pillow is washed 30°C is appropriate. A re-working of the pillow after many years of use is always possible. For each pillow there are suitable, high-

quality cotton damask covers which are, of course, produced in Moosburger's manufactory. All of them are made of 100% organic cotton and comply with GOTS standards. Apart from that they are all washable at 60°C same as the fabric shell.

*Pillow E* size 40x60 cm slightly softer, ideal for adolescents and lightly built people

*Pillow F2* size 40x80 cm easy to handle through 2 differently filled elements in the inside of the shell

*Pillow G2* size 50x70 cm firmly filled pillow, suitable <sup>Leerraum zuviel</sup> for Southern European cover sizes.

## Baby pillows made of horsehair D-RH and DE-RH



Baby pillow D-RH (30 x 40 cm) and DE-RH (40 x 60 cm) have been recommended by grandmothers for generations. Their high air permeability warms the baby when it's cold and cools them when it's warm. This also helps the babies when they are teething or when they have other pains. Cosily wrapped in organic material the babies can enjoy a healthy sleep.



## Natural wooden beds

The bed frame is made of solid wood. It consists of at least 10 individual parts which are assembled with the help of wooden dowels and without using any metal. The wood is planed by hand and not treated in any other way. It gets a smooth surface and stays breathable at the same time. Its special construction prevents it from creaking. Every bed is an individual piece which can be tailor-made according to special requests. The standard model is made of knotless untreated spruce. If required, wood, bed height or surface treatment (e.g. oiled) can be changed. Three standard models are available and can easily be combined with each other.



### model Domino:

- rectangular headboard
- side boards on both sides slightly deepened in the middle
- solid feet in light dihedral shape
- comfortable entry height of 47 cm (44 cm)



### model Libro:

- rectangular headboard - slightly tilted backwards and therefore ideally suitable for reading in bed
- straight, low side boards
- solid feet in light dihedral shape
- height 42 cm



### model Rustica:

- arch shaped headboard
- side boards on both sides
- deepened in the middle
- solid curved bed feet
- convenient entry height 50 cm (44 cm)



Head- and footboard match each other, bedside table, bed drawers, wooden cupboards, etc.  
Please ask us for the solution you need!

## *Further products made by moosburger®*



### *Insoles - made of horsehair*

- no sweating
- warm feet
- ideal in winter and in summer
- long-lasting
- 100 % natural



### *Seat cushions made of horsehair*

- wedge seats for chairs and cars
- no sweating
- long-lasting
- washable
- available in any size



### *Wheelchair cushions*

- no sweating
- preventing pressure sores
- completely washable
- long-lasting and re-workable
- any size for any chair



### *Upholstered furniture made with horsehair*

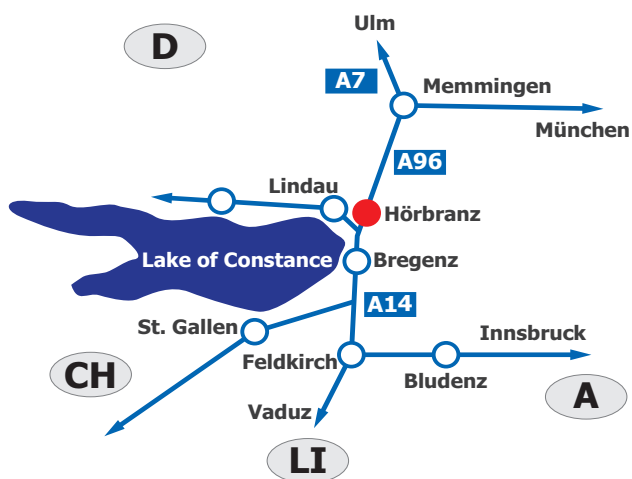
- without inner-springs
- individual frames
- horsehair upholstery
- high-quality covering materials
- unlimited durability



### *Materials needed for horsehair upholstery*

- hair of the horse's tail
- hair of the cattle's tail
- in braids
- as loose material
- quilted on pads

*Visit us - we are here at home:*



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horsehair - mattresses  
horsehair - topper  
horsehair - neck cushion  
horsehair - pillow  
horsehair - baby pillow  
horsehair - seat cushion  
horsehair - wheel chair cushion  
horsehair - upholstery  
horsehair - insoles  
horsehair - cradle mattress

