

## MATTRESSES CATALOGUE



**FDM** company specializes in production and sales of mattresses. Thanks to our team efforts our offer is regularly updated with new models of mattresses, our technologies are constantly developed and gradually introduced to our latest products. Our offer also includes wide range of covers.

One of the most important objectives of our company is to provide high-quality budget products. Every day our teams attempt to adjust the offered products to the needs of our Customers. We keep an eye on the mattress market. Thanks to the wide range of products we can guarantee that each Customer will find a mattress that will satisfy their needs and meet their demands.

Our mattresses feature high-quality materials used in the production process as well as excellent execution technique. Our offer includes the following types of mattresses: foam, bonnell, pocket, multipocket and latex mattress whose decks are enhanced depending on individual needs of the Customer.

## In the interest of HEALTH OF YOUR CHILD

the production process uses the technology of gluing mattresses

## HOTMELT

## WHY DID WE CHOOSE IT?

- it does not involve solvents
- it does not involve harmful volatiles and water
- it is 100% ecological
- it is fragrance-free



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## **EXPLANATION OF SYMBOLS**



## **FOAM MATTRESSES**





The base of pocket mattresses is a form which consists of springs made in double hardening technology. It improves their lifetime up to 30 years. Each of them has a separate material pocket. Thus, each spring works independently. The pocket deck is made of a wire with different diameters, thus providing different hardness grades for particular zones. Their composition is adjusted to the body shape of the user, providing a very high comfort of sleeping and relaxation. Our mattresses have 7 hardness zones and demonstrate high point elasticity. They are recommended for older children and teenagers.

materials demonstrate medicinal properties and wide range of benefits.

## **BONNELL MATTRESSES**

Each of our bonnell mattresses consists of ca. 130 high-quality aligned springs /m2 combined with each other with a spiral wire. They feature high-flexibility and provide proper air circulation inside the mattress. Models with bonnell springs are suitable for different weight ranges, so they are great for older children and teenagers.





Base of these mattresses is the high-quality latex foam, made of the composition of natural and synthetic rubber. It is made of a very durable material and perfectly adjusts to the body shape. It is suitable for allergy sufferers as no dust or acarus is accumulated. It has porous and "breathing" surface which provides proper hygiene and excellent air circulation inside the mattress.



## Thermoplastic VISCO foam

It has a body memory function. Special structure of this material triggers its reaction to temperature and pressure. The layer takes the exact posture shape of the person who lies on it. This state remains for several dozen seconds.

## Moulded HR foam

The 7-zone moulded HR foam demonstrates higher flexibility which increases the comfort of use and prolongs its lifetime.

## Coconut deck

Natural coconut fibers binded during the production process, create a stiffened, airy plate which reinforces the mattress and forms a perfect barrier from mould and acarus.

## Sheep wool It warms up, helps maintain constant body temperature and our

**HIGH-CLASS COVER FOR FREE** to each mattress from our PREMIUM offer

## **PREMIUM** Cover

- resistant to dirt
- made of first grade hypoallergenic materials.
- provides good ventilation
- resistant to stretch
- to be washed in 30°C"



Upholstery deck

It increases strength of the mattress, separates the spring deck from the foam deck.

Fluffy non-woven synthetic fabric which improves air circulation and warms up the mattress.

### Natural buckwheat hull

It is closed in quilted, extra selected zones. It provides proper air circulation and does not warm up, thus preventing from excessive sweating.

### Climate regulating fiber

skin can breathe at the same time.





## BABYCARE Foam Mattresses

**↓ 9 cm** 



## About the mattress

Baby Care model is recommended for infants. Its hardness grade has been selected to ensure free movements even for infants. The layer of natural prevents from bedsores and spinal malformations and treats the already existing ones.

## Mattress structure

Natural buckwheat Polyurethane foam

## mattress from the others?





## Natural % BUCKWHEAT

Selected models from our offer include decks made of natural buckwheat hull closed in quilted, extra selected zones. It demonstrates many medicinal properties, so it is recommended even for infants.

## **IT CONSISTS OF FABRICS**

Tannins prevent from the formation of acarus and bacteria in the mattress as well as on the skin.

## **SIT IS VERY FLEXIBLE**

It adjusts to the body shape and does not collapse from the weight. It provides strong, stable support for the head and spine, it does not spring-back.

## **IT FEATURES ANTIALLERGIC PROPERTIES**

It does not absorb dust, moisture, prevents from the formation of acarus and bacteria. The mattress is always dry, does not mould, and is not penetrated by parasites. Buckwheat provides natural air permeability which makes it useful in preventive treatment of many diseases.

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COCO **Perfect ventilation and healthy** sleep.

- **T** It prevents from the formation of mould and acarus
- T Better ventilation of the mattress
- The stures antiallergic properties



## BABYCOMFORT Foam Mattresses

Premium

quilted cover

Polyurethane foom T25 Climate regulating fiber

### About the mattress

Baby Comfort has been developed specifically for the youngest. It is based of high-grade poly urethane foam T25, enriched with coconut and for the spine, does not form any bedsores and

- Natural Buckwheat
- Polyurethane foam
- Coconut deck
- 🚔 Climate regulating fiber

Foam mattresses







## Mattress structure



## What distinguishes this mattress from the others?



BUCKWHEAT



FÓAM T25



cočo







Bonnell mattresses

Bonnell mattresses







## About the mattress

is based on the 7-zone high-flexible HR foam which demonstrates resilience properties and supports the body perfectly. In addition, the mattress consists of latex which provides me-

### Mattress structure

<b>\$</b> \$\$\$	Latex	2 cr
	Highly-flexible foam HR	6 cr
	Polyurethane foam	

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## What distinguishes this mattress from the others?



### About the mattress

**Bresso** is a classic model of mattress. It is made of 100% high-grade polyurethane foam T25. Thanks to the materials used in the production process, it does not deform so the mattress is very comfort-able and provides good comfort of sleeping. It has a removable cover which provides high degree of hygiene of the user surface.

## Mattress structure

Polyurethane foam

Foam mattresses

### Foam mattresses



### Do you know that ...







## **Perfect ventilation and healthy sleep**



Latex is a high-grade noble material. It adjusts precisely to the body shape. Each movement causes the layer of latex to compress and expand, allowing the internal canals to carry air. It demonstrates a wide range of antiallergic properties, preventing from the formation of mould and acarus. Latex material features high-flexibility, it is durable and resistant to wear and tear, so it can be used for many years without visible changes in the structure or properties.

It has special **CANALS CARRYING AIR** 







ACARUS FORMATION

**ECOLOGICAL** CIRCULATION



DURABLE

CORATO Foam Mattresses

## Premium quilted cover

Polyurethane foam T25

### About the mattress

better and more responsive adjustment to the body shape. In addition, this mattress consists of latex whose main benefits are flexibility and high

Since Latex Highly-flexible foam HR <u>a8</u> Polyurethane foam

Foam mattresses





## Mattress structure

## What distinguishes this mattress from the others?















	2 cm
ו HR	



tained from a natural coconut shell. Thus, this mod-el features perfect ventilation inside the mattress,

### 1000 Jpholstery deck

2

Polyurethane foam

Pocket NanoHARD

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our body. Moreover, the polyurethane foam was



2

Upholstery deck

Pocket mattresses

POCKET SPRINGS FOAM T25

Pocket mattresses





7 HARDNESS ZONES POCKET SPRINGS



cočo



FÓAM T25









Foam mattresses

Foam mattresses



	2 cm
ו HR	



FOAM T25





The latest technology Thermoplastic

## VISCO 🕹 Foam

The thermoplastic VISCO foam with body memory function is sensitive to pressure and temperature. It is a technology developed by NASA in order to reduce the number of spine diseases. It is now available in mattresses for children.

- Adjusts to the body shape
- Sensitive to temperature and pressure
- Reduces pressure on the whole body surface area
- Improves the quality of relaxation and comfort of sleeping
- Reduces muscle tension

## PADVA Foam Mattresses





## About the mattress

**PADWA** model is particularly recommended for want to take care of their spines and proper pomedicinal properties, providing hygiene and proper ventilation of the space we sleep on.

- 👩 Natural Buckwhea Polyurethane foa
- Highly-flexible for
- Polyurethane for

Foam mattresses

16 cm

## Mattress structure

	1 cm
	2 cm
1 HR	
	6 cm

## mattress from the others?



HR FOAM



FOAM T25



BUCKWHEAT







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Foam mattresses

FOAM T25

HR FOAM

Foam mattresses

BUCKWHEAT FOAM T25

Antiallergi LATEX







### About the mattress

Rovigo mattress is made of the combination of thermoplastic foam with elastic memory, high-ly-flexible resilient HR foam and reinforced polyure-thane foam. Thanks to this combination, the mat-tress features unique resistance to deformation and perfect adjustment to the body shape.

### Mattress structure

۵.	Quilted thermoplastic VISCO foam	
200	Polyurethane foam	
<u>718</u>	Highly-flexible foam HR	
<u></u>	Polyurethane foam	

## What distinguishes this mattress from the others?



### About the mattress

The structure of Siena mattress is based on deck made of highly-resistant bonnell springs, addition, it has been equipped with a coconut de on one side which prevents from the developme of acarus and microorganisms, and prevents fro

## Mattress structure

	🛛 🚔 🛛 Climate regulatin
In	🕋 Coconut deck
ck nt	Polyurethane foa
m	🔟 Upholstery deck
	Bonell springs

Polyurethane foam



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### Foam mattresses

Bonnell mattresses





## mattress from the others?





BONNELL SPRINGS FOAM T25





## SORRENTO Foam Mattresses





## About the mattress

T25. A coconut layer, which stiffens the mattress penetration, was added to one side. The other side has been enriched with moulded HR foam which

## Mattress structure

228	Moulded HR foam	
2252	Polyurethane foam	
乔	Coconut deck	
<b>77</b>	Sheep wool	

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## mattress from the others?



## Foam mattresses

## The highest sleeping comfort **HR FOAM Highly-flexible polyurethane foam**

Highly-flexible HR foam has an uneven and porous structure which provides excellent air circulation, preven-ting from the formation of mould. Moreover, it demonstrates better parameters of supporting the body, comfort and elasticity than the traditional foams. It is suitable for mattresses for children and teenagers.

- Higher flexibility, better adjustment to the body shape
- More durable by 40% than traditional foams
- Perfect support for the spine

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## About the mattress

and microorganisms, it is resilient and flexible. Moreover, the antiallergic cover prevents from bac-

ρ.34

## Mattress structure

4	Climate regulating fiber
*	Coconut deck
TAR	Highly-flexible foam HR
250	Polvurethane foam

FDM

## What distinguishes this mattress from the others?



## About the mattress

**Torino** mattress features durability and resistance for many years. Coconut provides stiffness and im-proves air circulation. It also forms a natural barrier, preventing the mattress from microorganisms and

Sheep wool Coconut deck Polyurethane foam Upholstery deck Pocket NanoHARD Upholstery deck **Polyurethane foam** 

Foam mattresses

Pocket mattresses





## Mattress structure



## mattress from the others?



7 HARDNESS ZONES POCKET SPRINGS



cočo



FOAM T25







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Pocket mattresses

Latex mattresses











## WATERPROOF PROTECTOR

## for even better protection

Maintaining hygiene is very important when it comes to mattresses. The hygiene of sleeping environment highly affects our health, particularly if we suffer from different types of allergies. So, it must be taken care of properly. The mattress protector performs its function. It has durable rubbers at the corners. Thus, the protector will not move on the surface of the mattress. The protector is very simple to put on and easy to use.

ROYAL

**CLASSIC** 

FABRIC WEIGHT

 $170 \, \text{gr/cm}^2 (\pm 10)$ 

## COVERS

Each mattress has a quilted Premium Jersey 3D cover included. It has been made from the highest-quality first-grade hypoallergenic materials, which guarantees a prolonged lifetime of your mattress, providing unique softness, freshness and exceptional comfort and satisfaction from its use.

### Properties:

100% polyester, antiallergic, airy, sensuous, dirt resistant, stretch resistant, provides good ventilation, to be washed in 30°C.

Other covers with additional properties have been presented below.

## **ALOEVERA BONES 3D**





AloeVera Bones 3D is made of 100% polyester and moistened with aloe extract. Thus, it is gen tle for the skin and prevents from acarus formation at the same time. It features antibacterial properties as well.

Health AloeVera guilted cover features antiallergic and antibacterial properties. It is made of natural and specific fibers. In addition, it is moistened with the extract of aloe leaves, which support blood circulation and are gentle for the skin. It prevents from the development of acarus. And thanks to its thermal properties, it lets air run through freely.



Cashmere Prestige cover has been made of highest grade of wool, obtained from Cashmere goats. It features great durability and lightness, it is very flexible and sensuous. It features ability to maintain warmth, providing high comfort of sleep.

Thanks to the inset bamboo fibers, the **Bamboo** cover features many additional properties. Thanks to them, the fabric features antibacterial and thermoregulating properties, sensitive to the body temperature. It is very durable and sensuous. The cover has been equipped with a zip fastener, which allows to take it off easily and wash it in a washing machine.



## **SILVER CARE**



As its name indicates, the SilverCare guilted cover has a silver thread inwrought, so it demonstrates higher absorption of moisture. In addition, silver thread inwrought, apart from aesthetic qualities, also demonstrates antistatic properties (removes electrostatic charge). Silver ions demonstrate antibacterial action - they neutralize acarus.



# **EUCALYPTUS TENCEL**

Eucalyptus Tencel cover material provides perfect ventilation, demonstrates cooling properties, and absorbs moisture thanks to microcanals. It features antibacterial properties and provides very good air circulation. The cover has been equipped with a zip fastener which allows to take it off easily and wash.







## **MATTRESSES CATALOGUE**

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