

# The adjustable softness.

**EFC**



COMFORT SYSTEM

**The new form  
of comfort**



# The next generation of seating and reclining furniture

Reforming and new normality for furniture production and -industry of the world

70 years ago the open cell PU (polyurethane) foam, in its everyday name **the foam rubber caused with noble simplicity a revolution in the world of comfort**, forced a whole industry to its knees, and became a billion dollar business.

The upholstered furniture production as an industry had to bow its head to the novelty, and whether it wanted to or not, it had to be transformed.

We say nothing less than that we are holding in our hands the next revolutionary novelty of the world's furniture industry, **the material and technology required for the CHEAP and MASSIVE production of adjustable seat cushions and lying mattresses**, the **Energy Free Comfort (EFC) system**

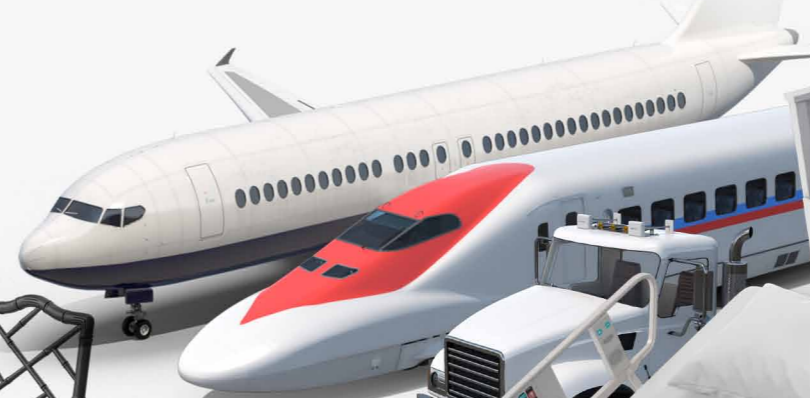
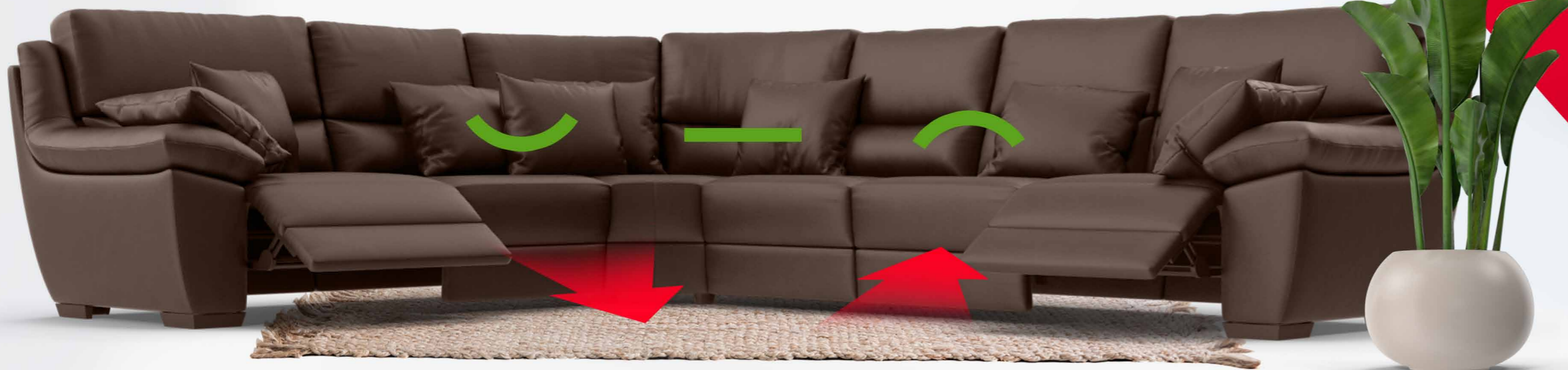


# Extensive application areas

Application areas: chairs, bureau chairs, alternative office chairs, armchairs, couches, sitting surfaces of sofas, bedroom mattress seeds.

The application of this technology means an almost independent but huge market in case of hotel-, and hospital beds.

Further application opportunities: caravan seat cushions and bed mattresses, car front and back seats, camion seats and bed mattresses, coach seats, railway seat cushions resp. sleeping car bed mattresses, cruise ship seat cushions and bed mattresses, passengers' aero plane seat pillows (first class premium seats), sanitary mattresses, hospital beds.



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# We spend 60-70% of our lives sitting and lying



Not all the same in which comfort.

**The furniture industry now produces seating and lying products with fixed hardness/softness**, that means mostly the customer has no possibility to chose among the different hardness variants, because a given furniture is manufactured only with a cushion of a given hardness.

**Exceptions of this are the lying mattresses**, where the customer has to decide while buying it, which hardness of it will be the most appropriate for him in the future. This is often not successful.

**Later it comes to light that softer or harder would have been better.**

In addition to this, the comfort feeling and requirement of man, depending on conditions, continuously changes to the contrary of earlier choice.

The seating and lying surfaces of adjustable hardness make it possible to accommodate at once and the most comfortable pastime on the given furniture, with an only movement, with the same simplicity, as to adjust the height of the office swivel chair.



**The hardness of current traded seating and lying pillows cannot be adjusted.**

The consequence is unnecessary discomfort, soon a feeling of being benumbed and discomfort is occurred in case of sitting stools. And in case of lying stools sleep disorders, even after longer sleep fatigue, even concrete sleeping sicknesses.



# Why hasn't this existed before?

Because furniture industry is such price sensitive that a similar technology like this, was up-to-now too expensive and complicated to be built in into existing furniture systems.

What is now through EFC technology at our disposal, **that cannot be realized cheaper and easier**, and that's what the market is looking for.

**Mass production of seat cushions and lying mattresses with adjustable hardness, at negligible cost comparing with the price of the furniture.**

EFC is an easily adaptable complementary technology which can be easily taken over by the furniture industry even in case of currently manufactured furniture products. And through which the softness of any sponge is with one movement adjustable.

The fabrication of sitting and lying conveniences, chairs, armchairs, couches, beds, mattresses with adjustable hardness has become so easy like applying the foam rubber.

**The technology can be adapted SIMPLY and IN MASS QUANTITY, so the ergonomics of any chair, armchair, bed, reclining place can be made individually adjustable.**



# Genial simplicity! Astonishing effectiveness!

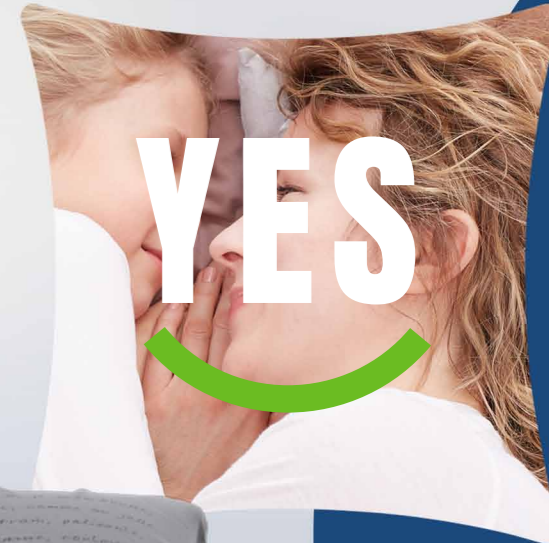
Through EFC (Energy Free Comfort) technology the unique, rapid and **simple adjustment** of hardness of sitting and lying surfaces is realized with **astonish-**

**ing easiness** and flawless fullness in addition to such a low price that doesn't influence the selling price of the given furniture.

The product itself is a built-in component destined to change the nature of the sponge.

It can be produced in any size, with any kind of sponge, it works at seat resp. lying cushions (rubber foam, memory foam, spring pad) and it can be undetectably built into any coach, mattress, chair, armchair.

In addition to this, the technology is environmentally friendly, long life (the application of the technology guaranties a double life for the seat cushions and lying mattresses), using it is so easy as the adjustment of height of an office chair





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The EFC technology forms a billion dollars opportunity, and it can

**REVOLUTIONIZE the furniture**

industry of the world within a couple of years



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