



HYGIENE MATTRESS

*”– Our best mattress developed for
treatment of decubitus”*

Göran Nordin, CEO



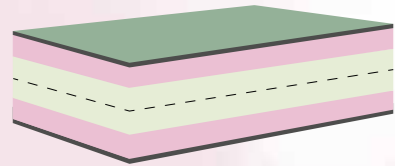
Järven Health Care



air0 is a top-quality hygiene mattress developed for the treatment of pressure ulcers up to and including Category 3.

MATTRESS CORE

air0 is a 6-layer mattress with carefully selected foam types. All layers are glued together to avoid shear and provide increased comfort.



- 2 cm supersoft cold foam
- 4 cm pressure relieving viscoelastic flexible foam
- 4 cm soft treated Waterlily foam
- 4 cm soft treated Waterlily foam
- 4 cm pressure relieving viscoelastic flexible foam
- 2 cm supersoft cold foam

OUR UNIQUE SURFACE LAYER LENTEX®

This mattress is equipped with our unique surface layer Lentex® which is laminated directly onto the foam core. This means that it has no seams or zippers which offers advantages in terms of hygiene and cleaning.

The surface layer is available only in a fresh white colour which facilitates contamination detection on the surface of the mattress.

Cleaning of the mattress is done by wiping and disinfecting the mattress surface directly. This means that you avoid the extra work that comes with a mattress cover.

Active Membrane technology allows the mattress to breathe and reduces the risk of fluid penetration.

Our unique surface layer Lentex® has been developed, alongside the foam core, to reduce the pressure against the patient and provide excellent comfort.

SIZES

Item no.	Size
50950	200 x 80 x 20 cm
50960	200 x 85 x 20 cm
50970	200 x 90 x 20 cm

Please contact us for more information!



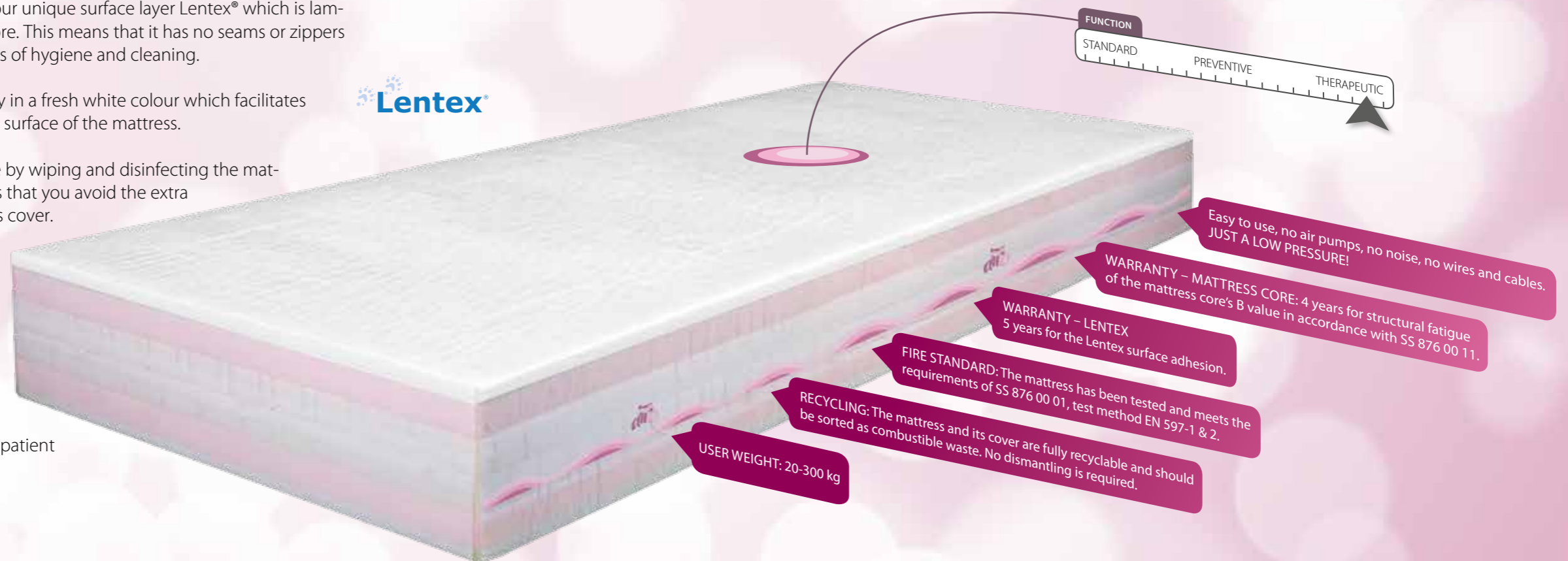
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Excellent in quality & pressure tests!

Pressure test results:

Mattress	Large indenter 300 N	Large indenter 600 N	Small indenter 40 N
air0	28.5	43.1	45.2
Soft Euroflex	28.9	61.1	52.1
Waterlily	30.1	55.9	56.4
Exclusive	35.9	53.0	59.2
Soft Comfort	37.5	53.6	60.5
Comfort	41.9	54.5	64.5

A low value means a low pressure against the body, all values in mm Hg. For heavier users it is especially important that the pressure shown under "large indenter, 600 N" is as low as possible.



- Easy to use, no air pumps, no noise, no wires and cables. JUST A LOW PRESSURE!
- WARRANTY – MATTRESS CORE: 4 years for structural fatigue of the mattress core's B value in accordance with SS 876 00 11.
- WARRANTY – LENTEX: 5 years for the Lentex surface adhesion.
- FIRE STANDARD: The mattress has been tested and meets the requirements of SS 876 00 01, test method EN 597-1 & 2.
- RECYCLING: The mattress and its cover are fully recyclable and should be sorted as combustible waste. No dismantling is required.
- USER WEIGHT: 20-300 kg



Please read the instruction manual before using the product.

air0 is a registered trademark by Järven AB. Patent pending.



The story behind It

The story behind our new mattress began on a bleak autumn day in 2002.

The founder of Järven Health Care, Inga Nordin, who earlier that year had been awarded the Royal Patriotic Society's gold medal for her lifelong commitment to *the development of new and better products for healthcare**, received the most difficult news of her life: – You have ALS and most likely just a few months left to live. Her reply to the doctor reflects her whole attitude to life – You don't get to decide how long I shall live.

During the remaining four years of her life, she struggled, not only with a disease that slowly but surely was breaking down her body, but also with a health care establishment that is unable to offer her any kind of significant treatment. Often due to lack of resources.

Her last desperate measure was to go to China, despite the fact that such a trip was deemed too risky for her in the condition she was in. There she underwent, as the first Swedish person ever, a stem cell treatment for ALS. During the 5 week treatment, she has to lie on different kinds of air mattresses to prevent pressure ulcer development. The noise from the air pumps were keeping her awake far into the night and the constant movement of the mattresses made her feel nauseous, like being seasick.

Upon her return home, she took out her notebook and created an outline of a new mattress, which turned out to be her last innovation. During the last 6 months of her life, she spent most of her time in bed, on the very mattress that she had just constructed.

Her condition got worse, but she was not developing any pressure ulcers. On March 26, Inga Nordin peacefully past away in her home.

The story could have ended there. The mattress that she had designed for herself was not discarded, but placed in storage. Four years later, Järven Health Care had all its mattresses tested for pressure relieving properties according to the new standard SS 876 00 13, with excellent results. On a whim, it decided that the mattress that Inga designed for herself should also be sent for testing of its pressure relieving properties.

The result of the test took everyone by surprise as none of the mattresses that had previously been tested came even close to the low pressure of her prototype

The name air0 comes from her experience of her visit to China. The mattress is not noisy and there is no movement – just a low pressure!

* This includes inventions like water mattresses for the treatment of pressure ulcers and hygiene mattresses, which today can be found in many a care bed.

Every year, Järven Health Care donates money to ALS research in Sweden.



Inga Nordin, 1931-2006



Järven Health Care

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