

ANSSi

Smart Technology, ANSSi.



The Innovative Smart String Bed

Experience the epitome of sleep innovation by merging cutting-edge AIoT (Artificial Intelligence of Things) technology with the world's exclusive String Bed. Our solution caters to diverse sleep patterns, ensuring an unparalleled sleeping experience for every individual.

Our dedicated application empowers users to access a comprehensive report that meticulously tracks biometric data acquired through advanced body pressure sensors and controllers. Additionally, the application integrates intelligent suggestions from ANSSiI, providing personalized sleep care solutions tailored to your unique needs.



ANSSil's ESG Management

ANSSil has established and continuously carries out the corporate motto to reduce unnecessary waste of resources from bed raw materials to mattress and disposal stages.



Eco-friendly

Unlike latex, memory foams, and spring mattresses, ANSSil was awarded the eco-friendly certification with zero use of chemicals in the manufacturing process.



No waste, 100% Recyclable

Unlike latex, the memory foams and the spring mattresses again, ANSSil mattress is made of 100% recyclable materials for zero waste.



Low carbon

ANSSil has reduced more than 85% of the wasteful resources on the production of mattress.

ANSSil invites the global partners

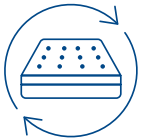
We are looking for innovative mattress companies for the partnership.

Supplying string support is available for latex, memory foam, and spring mattress companies.

A new style of string support that combines strings and air system will surely add innovation to your brand.

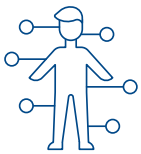


Why you need string mattress?



Mattress that lasts a lifetime

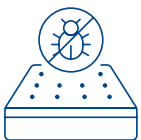
The high tensile strength and low shrinkage polyester yarn that ANSSil uses for its products can endure up to 30 minutes in 190°C barely showing changes in the quality of the material. Different from springs that rust and have a relatively short life, ANSSil's products are sustainable and long-lasting.



Even distribution of weight and pressure & prevention of balloon effects

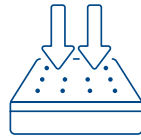
Unlike spring mattresses, air and 14 million strings that comprise ANSSil mattresses gradually disperse the pressure of the body weight throughout the mattress which makes your sleep close to a state of the gravity-free.

Also, it prevents balloon effects found in other air mattresses, minimizing elements that could disturb your healthy sleep.



Keeping you safe from harmful substances

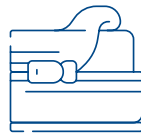
Unlike memory foam and latex which can release chemicals or have fine dust, ANSSil's string supporter is completely sealed with multiple coatings which protect it against fine dust and external contamination and create an environment where bed bugs cannot survive.



Customize firmness in real time

ANSSil's Firmness Controller provides the ideal comfort and the perfect body-pressure dispersion, controlling mattress firmness level, depending on your own body shape, weight and psychological condition.

The highest level of 2SPSI (Mattress Internal Air Pressure) provides very hard firmness level suitable for exercising (Level 10) to cozy cushion soft feel that wraps around the body (Level 1).



Clean care & Mattress Hygiene

Detachable design for easy wash and maintenance to keep mattress clean year around.



A mattress good for Earth

ANSSil prevents 99 percent of greenhouse gases generated in the process of manufacturing string mattresses and can be classified as general waste during disposal. It prevents waste of resources 100%.



No chemical technology

String Support is manufactured through heat and/or high-frequency fusion technology, which is ANSSil's own patent. Any chemicals including adhesives were not used in the whole manufacturing process.

SMART LINE



PREMIUM HYBRID LINE



ANSSil Smart Line Mattress

product string support + topper
+ body pressure sensor + IoT controller
+ ANSSil Link APP

color gray

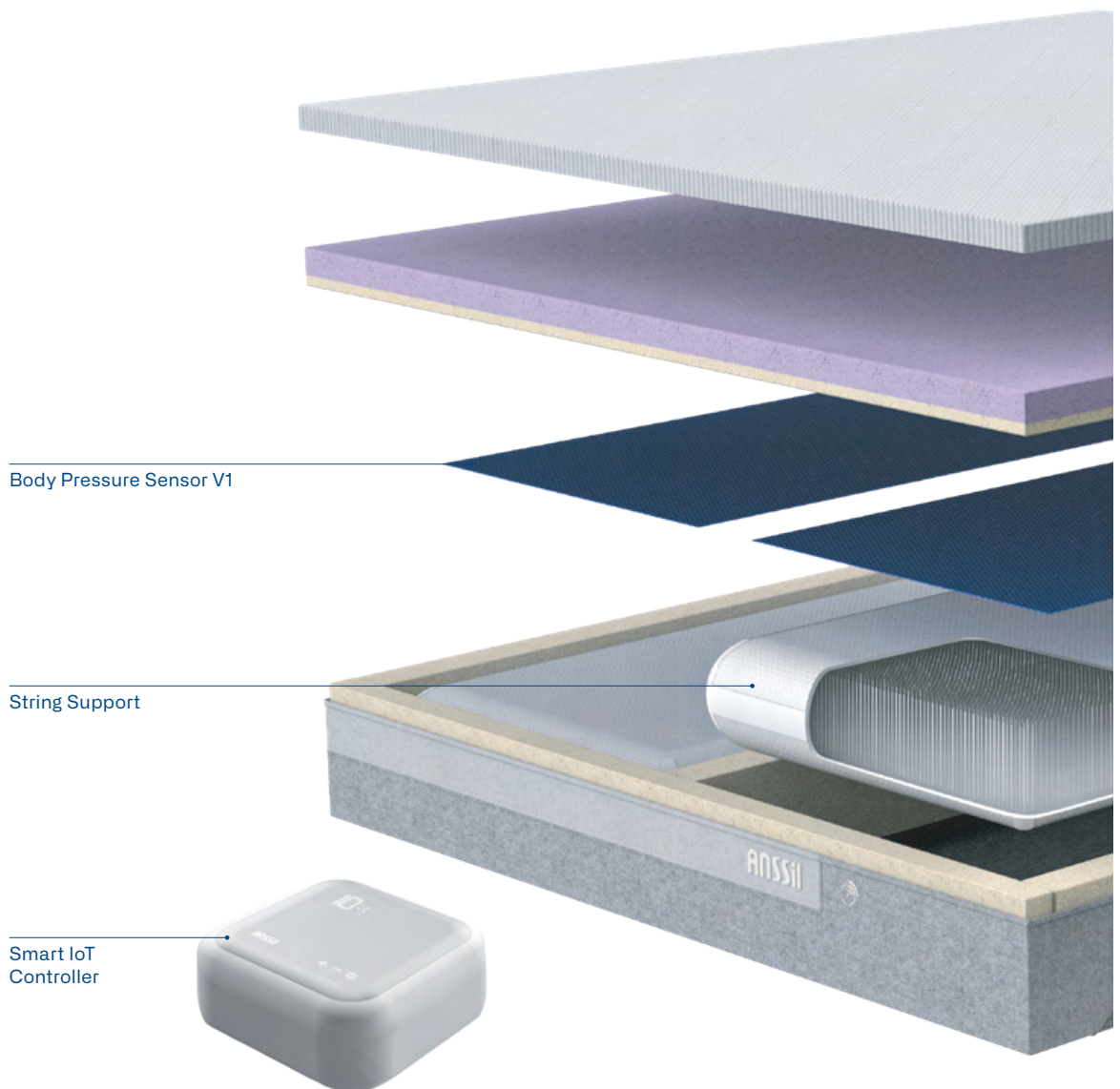
ANSSil Premium Hybrid Line Mattress

product string support + topper + top pad

color oak tweed cover

Adding smart to string mattresses – smart line

ANSSiI Smart String Mattresses tracks body posture changes while you are sleeping using its body-pressure sensors and the AI server learns your sleeping patterns by controlling the firmness of the mattress real-time to best suit your position.



Body Pressure Sensor V1

String Support

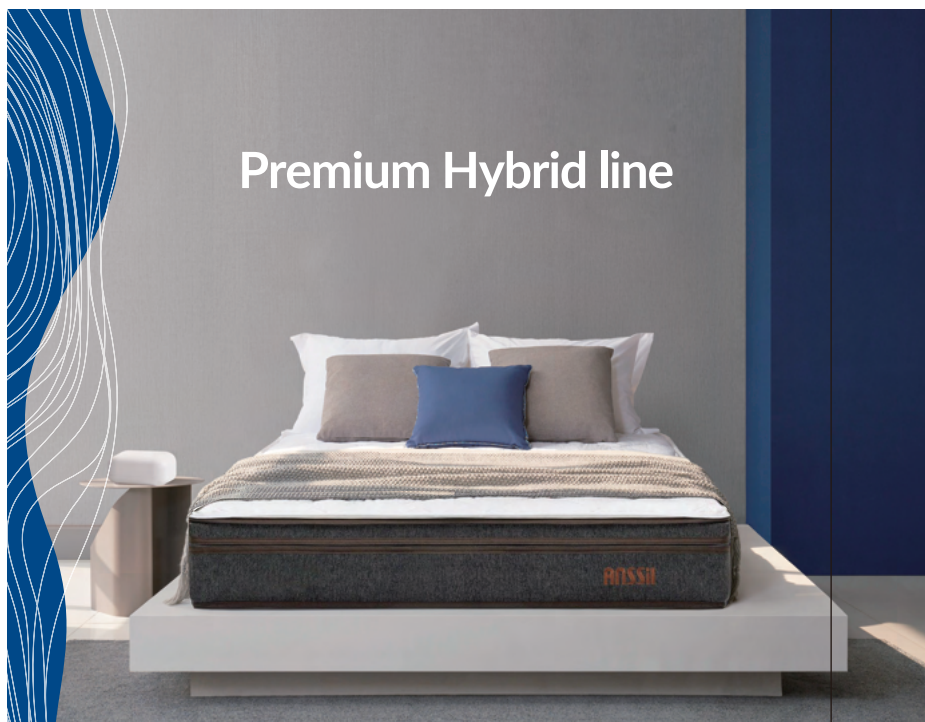
Smart IoT Controller

ANSSiI Link App



CES 2022 innovation award
– Smart Home

CES 2023 innovation award
– Smart Home / Digital Health /
Home appliances

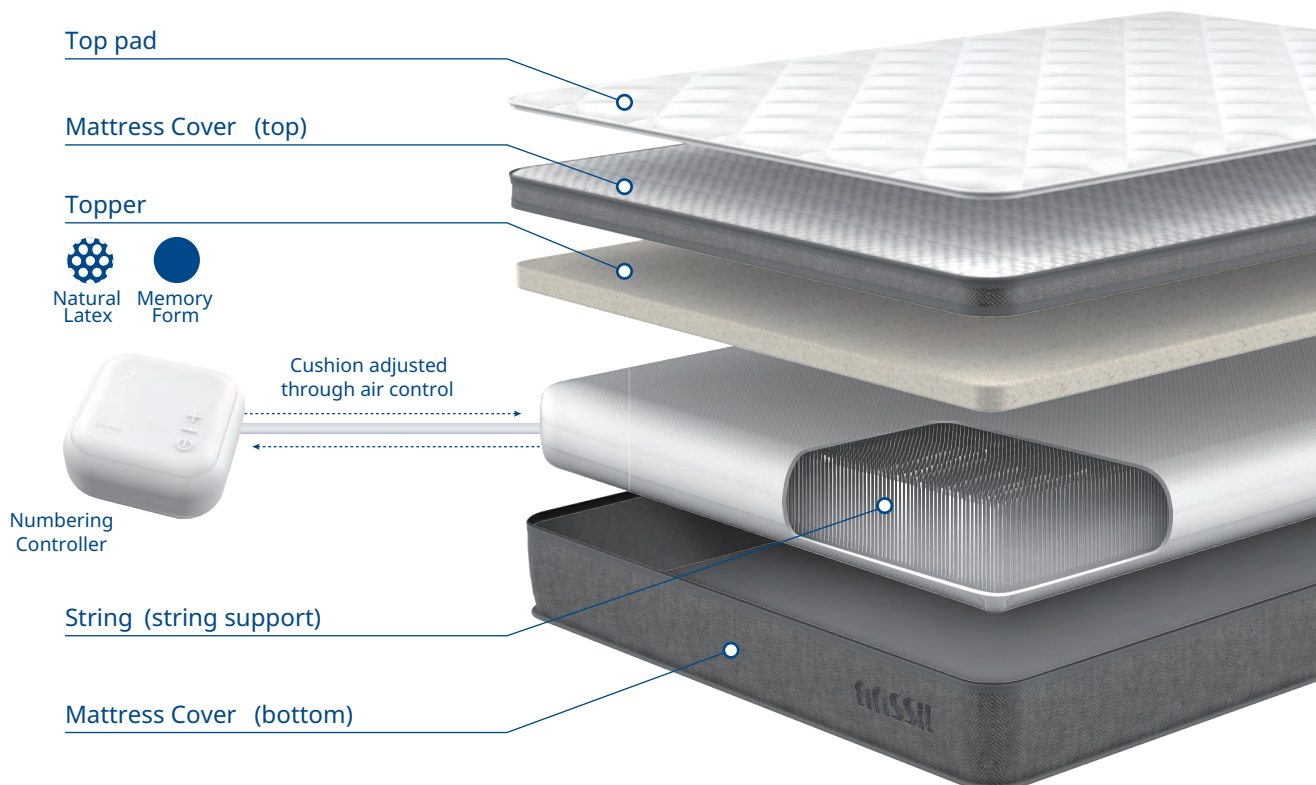


Premium Hybrid line







Top pad





Mattress Cover (top)

Topper



ANSSiL String Mattresses Unveiled: Find Your Dream Sleep

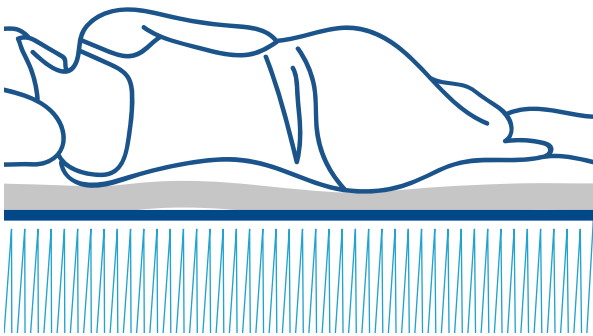
	Structure	Topper	Control System	Colour	Size (cm)
Anssil Premium Hybrid Line Mattress 	 10-14 million strings	Natural Latex or Memory Foam	 IoT Controller	Oak Tweed	Super King 180 x 200 x 28 King 180 x 190 x 28 Queen 150 x 190 x 28 Super Single 107 x 190 x 28 Single 91 x 190 x 28
Anssil Smart Line Mattress 	 14 million strings	Two - Layer Comfort Foam	 Smart IoT Controller 2.0 and Sleep SYNC App	Grey	King 180 x 190 x 33 Super Single 107 x 190 x 33

 Less than 2% shrinkage
  String stronger than metal
  14 million strands
  String Cushion Control System

WHY?

String + Smart

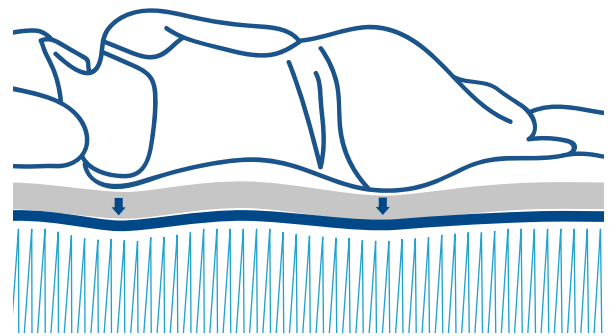
The 1st STAGE



: Hardness

Though a person has lied on it, the string remains in a hard condition and the pressure sensor would not bend.

The 2nd STAGE

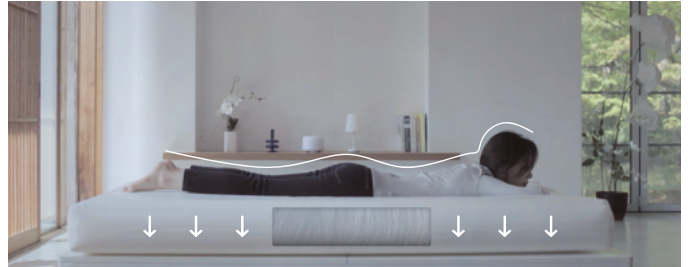
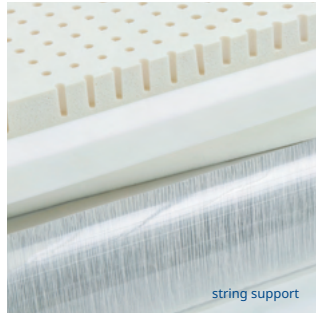


: Beginning of Change

As the pressure is lowered at the string, the string gets curves depending on the shape of the body and the pressure sensor bends depending on the curves.

String support & Controller

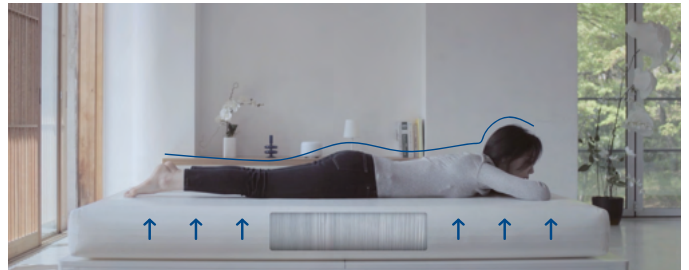
The spring supporter consisting of 14 million strings combined with the firmness controller that sets ideal cushioning to perfectly fit your body for optimal sleeping condition.



level 1 / soft



level 10 / stone hard



level 1 / soft



level 10 / stone hard

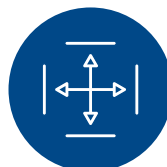


* The relationship between the string and body pressure sensor

- 1 Measurement of body pressure depending on the changes in the hardness of string.
- 2 Derivation of the hardness of string suitable to my body.

What makes quality mattress?

No sagging, even distribution of weight and pressure, prevention of balloon effects, firmness controllability, eco-friendliness, prevention of harmful substances, cleanness.



1. Mattress that lasts a lifetime

The high tensile strength and low shrinkage polyester yarn that ANSSiI uses for its products can endure up to 30 minutes in 190°C barely showing changes in the quality of the material. Different from springs that rust and have a relatively short life, ANSSiI's products are sustainable and long-lasting.



Numbering Controller, 2021



Smart IoT Controller 2.0, 2022

3. Customize firmness in real time

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The highest level of 2SPSI (Mattress Internal Air Pressure) provides very hard firmness level suitable for exercising (Level 10) to cozy cushion soft feel that wraps around the body (Level 1).



7. No chemical technology

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4. Keeping you safe from harmful substances

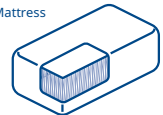
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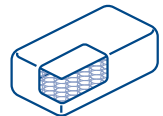
8. Light enough to be delivered in a box

The weight of ANSSiI string mattresses has been innovatively reduced using 3D weaving technology. For its weight being half of other mattresses, it can be boxed and delivered by courier.

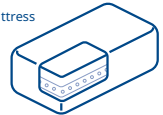
• ANSSiI Compact Mattress
11kg



• Spring Mattress
20-25kg



• Memory foam Mattress
35kg



5. Clean care & Mattress Hygiene

Detachable design for easy wash and maintenance to keep mattress clean year around.



6. A mattress good for Earth

ANSSiI prevents 99 percent of greenhouse gases generated in the process of manufacturing string mattresses and can be classified as general waste during disposal. It prevents waste of resources 100%.

9. Leading technical innovation in mattress industry

1 ANSSiI received the Innovation Awards at CES 2022 which is the most influential tech event in the world organized by CTA, US, becoming the first and only winner in the Korean mattress industry.



2 First and the only mattress company in the world to receive the TUV's highest level durability certification. (120,000 cycle piston test) Carbon footprint certification by Environment Protection Department of Korea for eco-friendly manufacturing standard.



10. Brand design inspired by strings

While it created a mattress that the world has never seen, ANSSiI sought new challenges in its brand design. The first teaser that was released in 2020 won the Red Dot Design Award and iF Design Award, Communication section. Posing succinct questions about the problems of mattresses and answering with strings, it left a strong impression to the world.



Contact Us

AFFAIRSTM
SMART FURNISHING

Affairs Living Singapore

Affairs Living Pte. Ltd.
Gemini@Sims HQ (Showroom)
2 Sims Close #01-13
Gemini @ Sims Singapore 387298
(8 mins walk from Aljunied MRT)

Email: askme@affairs.sg
Whatsapp: +65-96535877