

Explore the world of **AGRO** innersprings



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Welcome to AGRO, ...

... and welcome to the world of innersprings „Made in Germany“

AGRO is a family business, now entering its third generation. AGRO's development reads as a classic example of a success story of a German medium-sized company. Manufacturing innersprings at our base in Bad Essen / Lower Saxony, we are today exporting all around the globe. We are motivated by the idea of creating sleeping comfort for people the world over - in a sustainable way. We also aim to deliver the highest quality products and excellent service to our customers - every time.

AGRO stands for ...

... more than 65 years of experience

and expertise in innerspring systems,

... more than 450 employees

striving to give their best every day and living a service culture,

... state of the art technology

combined with continuous investment in enhancing production and logistics,

... clearly defined values

that govern how we treat our customers, employees and business partners,

... quality and range with three product categories:

Bonnell innersprings (A.BON), LFK innersprings (A.LFK) and pocket innersprings (A.POC).

Please browse this brochure, explore our product portfolio and get in touch with us. We are looking forward to developing your own AGRO success story in partnership with you.



History



1948

Friedrich Grothaus, founder of the business aged 32 years, starts production of inner-springs in Barkhausen near Osnabruck.

1979

Wolfgang Grothaus joins his father in the business. The company now employs 12 people and is working 6 machines.



1989

Responding to consistent growth in demand, the company moves to nearby Bad Essen. This spearheads a further period of growth.



1995

AGRO attains certification to Quality Standard DIN EN ISO 9001 for the first time. Subsequently, further certifications for product quality and energy management will be achieved.

2004 / 2009

AGRO Steel Wire (ASW / wire) and AGRO Tooling Systems (ATS / machinery placement parts) are set up. This leads to the benefit of gaining two important suppliers on-site.



2014

This family-run business enters its third generation with the arrival of Sabine and Christian Grothaus. Together with the extension of production facilities, including new warehousing and sorting plant, AGRO is well positioned for continued success.



A.BON

Bonnell innersprings

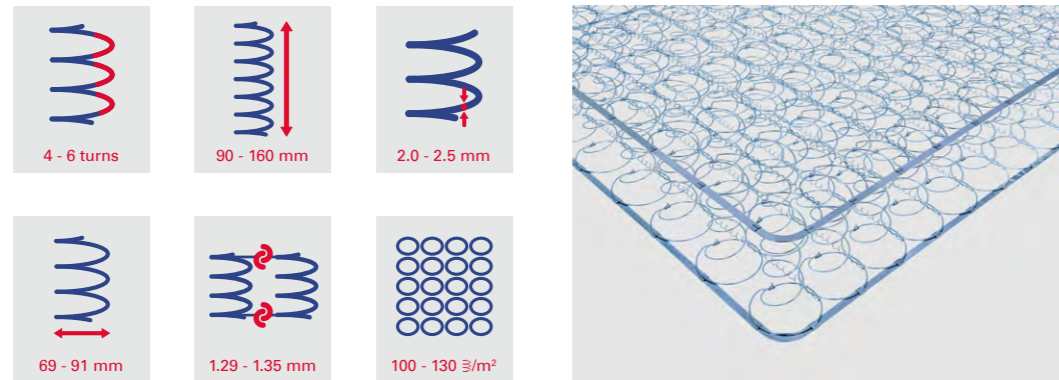


A.BON CLASSIC

Classic at its best

Bonnell innersprings are often considered to be the 'classic' amongst innerspring systems. AGRO's product line the A.BON Classic combines the acknowledged strengths of the Bonnell system with those of AGRO: decades of experience, selected wires and absolute precision in production. Together this delivers a strong foundation for a range of top-quality products to suit many different applications.

- Classic Bonnell innersprings with 4, 5 and 6 turns for a wide range of applications, optionally equipped with a frame
- High stability and durability
- Particularly high air permeability of the system

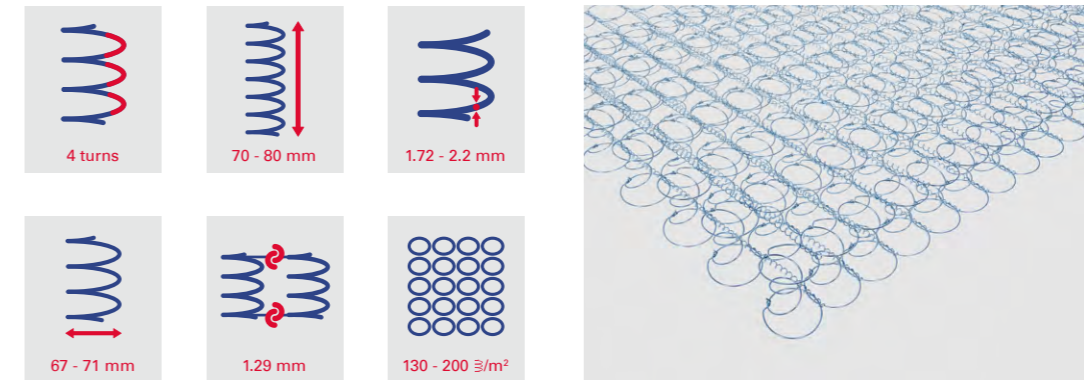


A.BON MINI

Small is beautiful

The A.BON Mini combines all the strengths of the A.BON Classic innersprings – but with a lower coil height. This creates an uncomplicated innerspring system with less height that has a range of uses such as crib mattresses, for upholstery and as a base unit for a divan bed.

- Bonnell innersprings with 4 turns at low coil heights, optionally equipped with a frame
- High stability and durability in a small format
- Particularly high air permeability of the system



These product lines have a wide range of potential specification options. We look forward to discussing and agreeing with you the best specification to meet your particular needs.

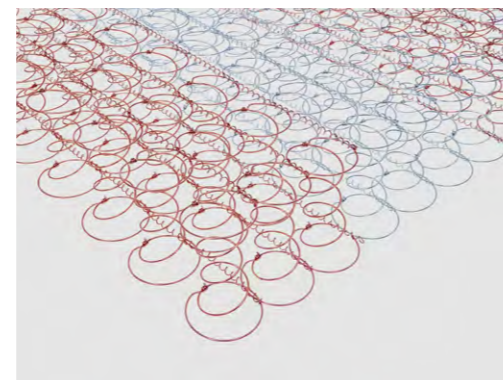
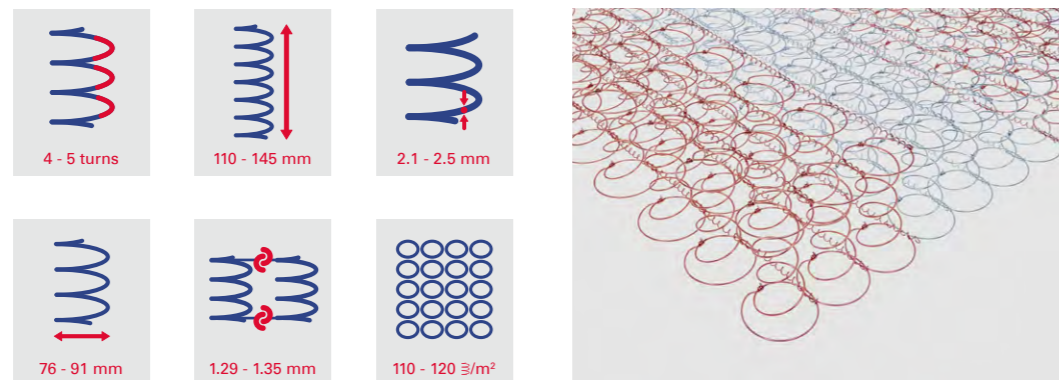


A.BON SPECIAL

Bonnell but a little different

While classic Bonnell innersprings are usually associated with one consistent coil type, A.BON Special presents another approach: particularly high permeability, stability and reliability of the Bonnell innerspring, combined with ergonomically adapted zoning, a characteristic which is well-known in the pocket innerspring system. This altogether results in high sleeping comfort in best A.BON quality.

- Bonnell innersprings with 4 or 5 turns including all the strengths of the Bonnell system, optionally equipped with a frame
- Ergonomically adapted zoning, being achieved either by different waist diameters (4 turns) or different wire diameters (5 turns)

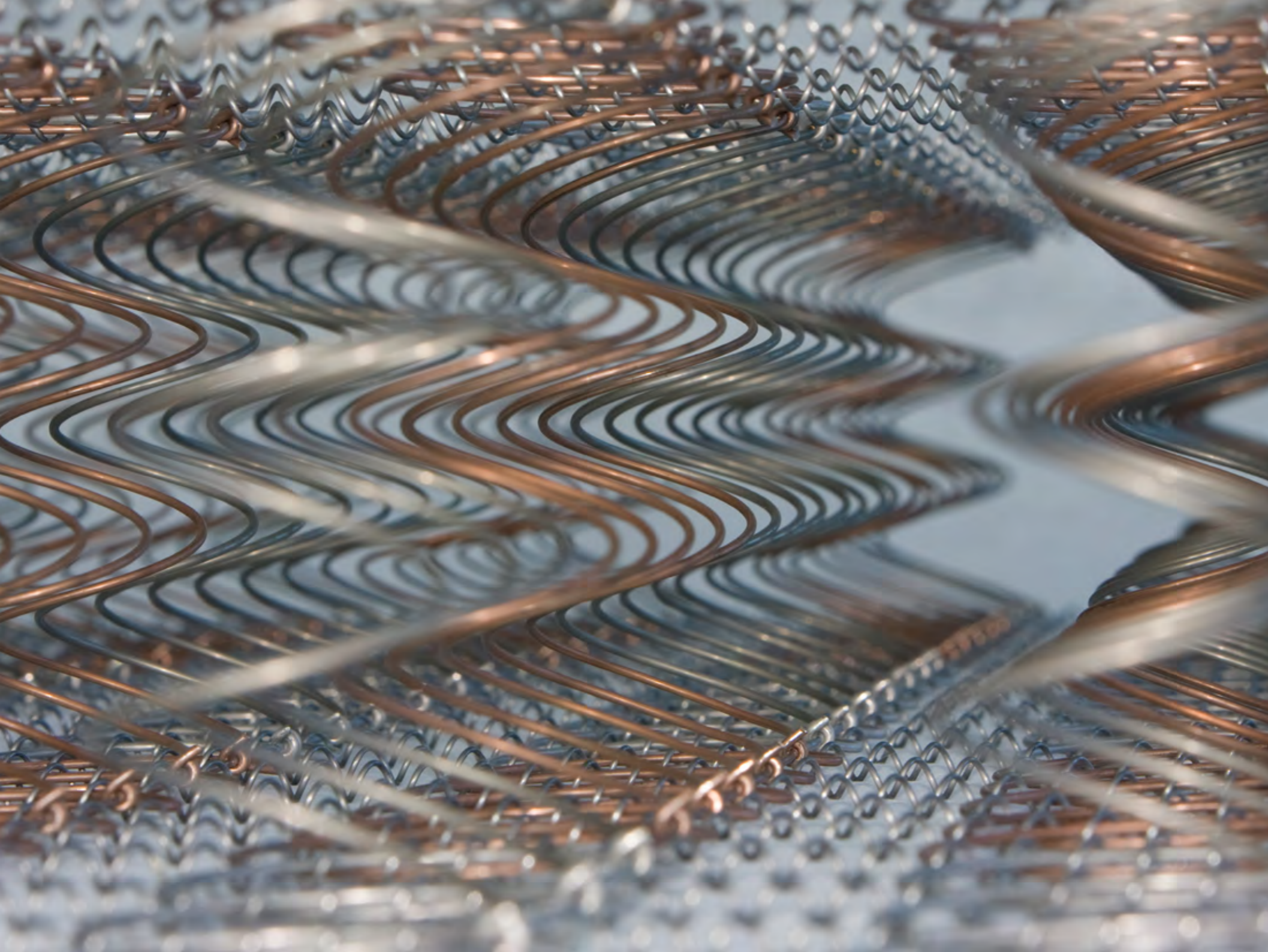


Displayed with copper-plated springs for reasons of visualisation only – this product line is not available with copper-plated springs.



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A.LFK

LFK innersprings

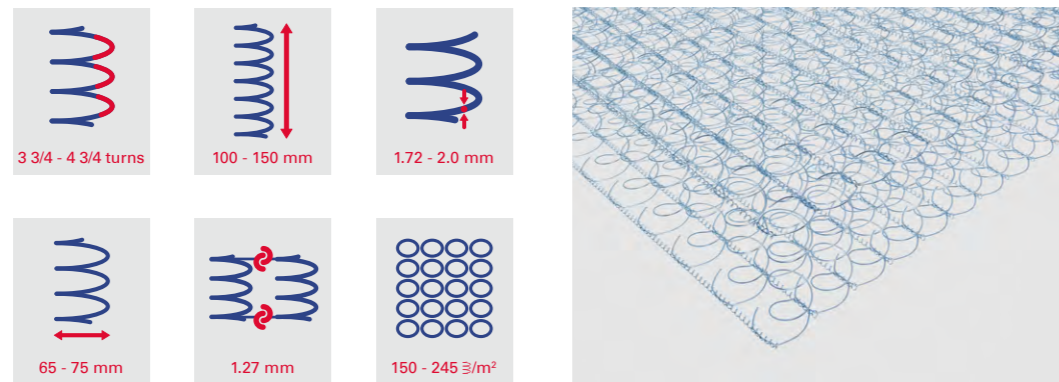


A.LFK CLASSIC

Light and flexible

With their fine but extremely strong wires, LFK units are lightweights in name only amongst innerspring systems. Within the product line A.LFK Classic you will find a selection of classic LFK units in proven AGRO quality. Therefore, lightness isn't achieved at the expense of stability and resilience. With their special shape they offer several advantages to consider.

- Classic LFK with 3¾ and 4¾ turns for a wide range of applications, optionally equipped with a frame
- Hinge effect for high flexibility – suited for adjustable base units
- High coil count

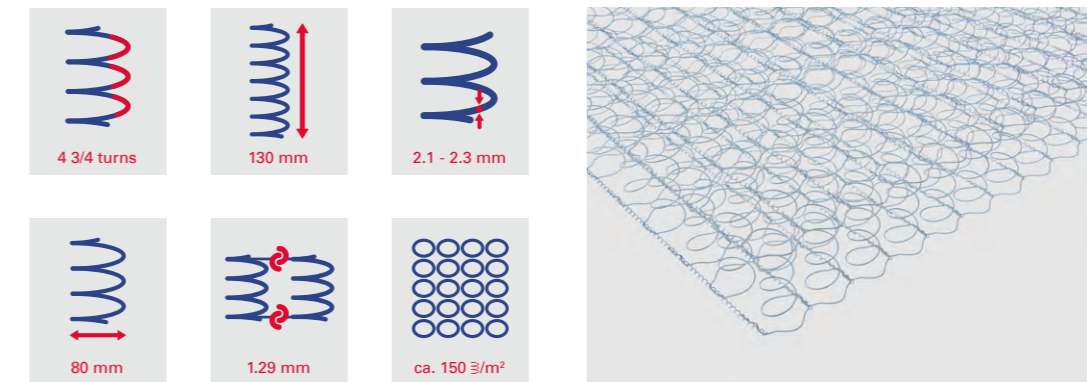


A.LFK SPECIAL

Cosinova – innovative and convincing

LFK units are recognised for their high flexibility and ease of handling. A.LFK Special adds even more robustness and durability due to its unique shape and particularly strong wire. Furthermore, the striking design of the A.LFK Special Cosinova creates new opportunities for material-saving and allows for a particularly dense surface, thereby simplifying further processes during upholstery. Cosinova provides long-lasting sleeping comfort combined with maximum flexibility.

- Material-optimised, resource-saving solution with an extra large surface
- Firm positioning within the helical wire due to alternated coils
- Enormous stability and durability
- Hinge effect for high flexibility



These product lines have a wide range of potential specification options. We look forward to discussing and agreeing with you the best specification to meet your particular needs.





A.POC

Pocket innersprings

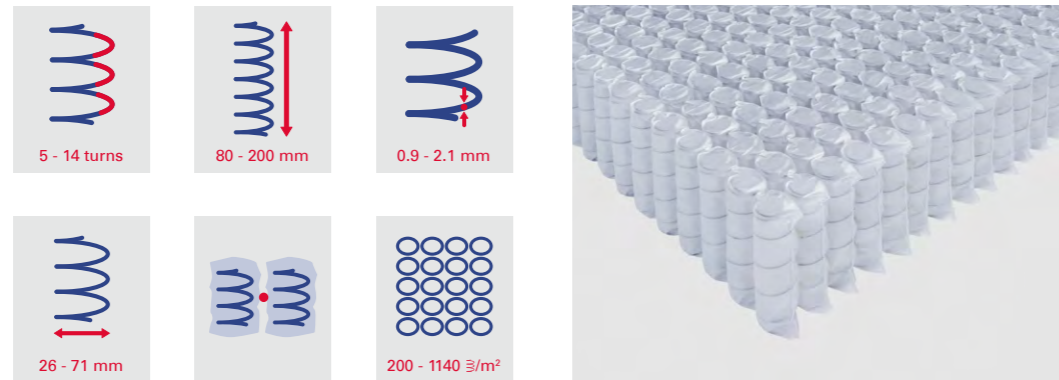


A.POC CLASSIC – PUNKTOFLAEX (PF)

Getting to the heart of point elasticity

The Punktoflaex pocket innersprings of the A.POC Classic line from AGRO deliver superior sleeping comfort. The centre-glued bonding of each row of springs allows for the individual flexibility of every single spring delivering a high degree of body support. This means that, depending on the coil count, a fine up to finest level of ergonomic adaptation to body weight is achievable. All this with the added confidence of AGRO's commitment to using quality raw materials and the highest standards of production.

- Classic, centre-glued pocket innerspring system for a wide range of applications
- Available with different zonings, nested and partly nested models as well as models being equipped with frames
- Enormous point elasticity for optimum comfort

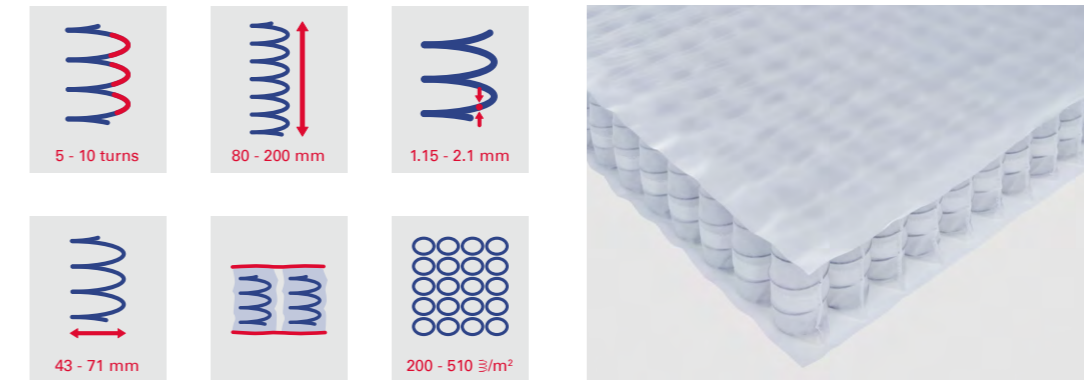


A.POC CLASSIC – SURFACE-BONDED (SB)

A 'no worries' package within a pocket spring format

If you are searching for a pocket innerspring system that is particularly cost effective then the surface-bonded type of the A.POC Classic line could be a good choice for you. Due to its way of bonding it combines the highly elastic pocket innerspring system with a flat surface. During upholstery, you can save a whole step in production – while gaining an uncomplicated system in proven AGRO quality.

- Classic surface-bonded pocket innersprings for a wide range of applications
- Available with different zonings, nested and partly nested models as well as models being equipped with frames
- High elasticity and a high level of cost efficiency at the same time



These product lines have a wide range of potential specification options. We look forward to discussing and agreeing with you the best specification to meet your particular needs.



A.BON Bonnell innersprings

A.LFK LFK innersprings

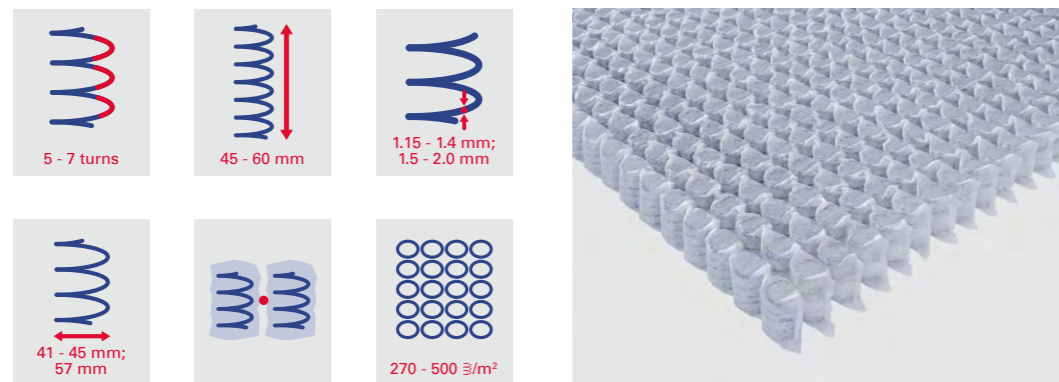
A.POC Pocket innersprings

A.POC MINI

Point elasticity in a small size

A low height and the best ergonomic features – this is A.POC Mini. Being identical in structure to the product line A.POC Classic (Punkttoflaex), these innersprings combine high technical standards with small physical dimensions. This makes them the first choice for all applications where an optimum level of comfort is needed in a minimum of size – for example in crib mattresses, in premium upholstery or as a particularly comfortable spring system for mattress toppers.

- Centre-glued pocket innersprings at low coil heights
- Enormous point elasticity for ideal comfort
- Available with different zonings, nested and partly nested models as well as models being equipped with frames



These product lines have a wide range of potential specification options. We look forward to discussing and agreeing with you the best specification to meet your particular needs.

A.POC SPECIAL

You want something a bit different?

Whilst the classic A.POC-pocket innersprings provide a great solution in comfort for the highest demands and for a wide range of applications, the product line A.POC Special completes our offer by meeting a range of specialist and innovative needs. Below you will find spring units combining different coils within one product – or others assembled without glue.



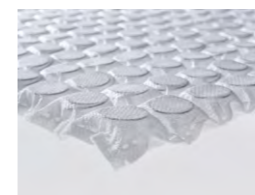
DualActive

- New pocket innerspring system with two layers creating an integrated ‘box effect’: Solid base and soft cover for a very special comfort experience
- Exact alignment of springs and clean edges thanks to its innovative double pocket technology, welding two springs on top of each other
- Suitable for sleepers of different shapes, sizes and needs



Interactive

- Innovative innerspring system with two different coil types that are vertically staggered for a particularly smooth absorption of the pressure load
- Dense surface due to nested placement of the springs



Squareflaex

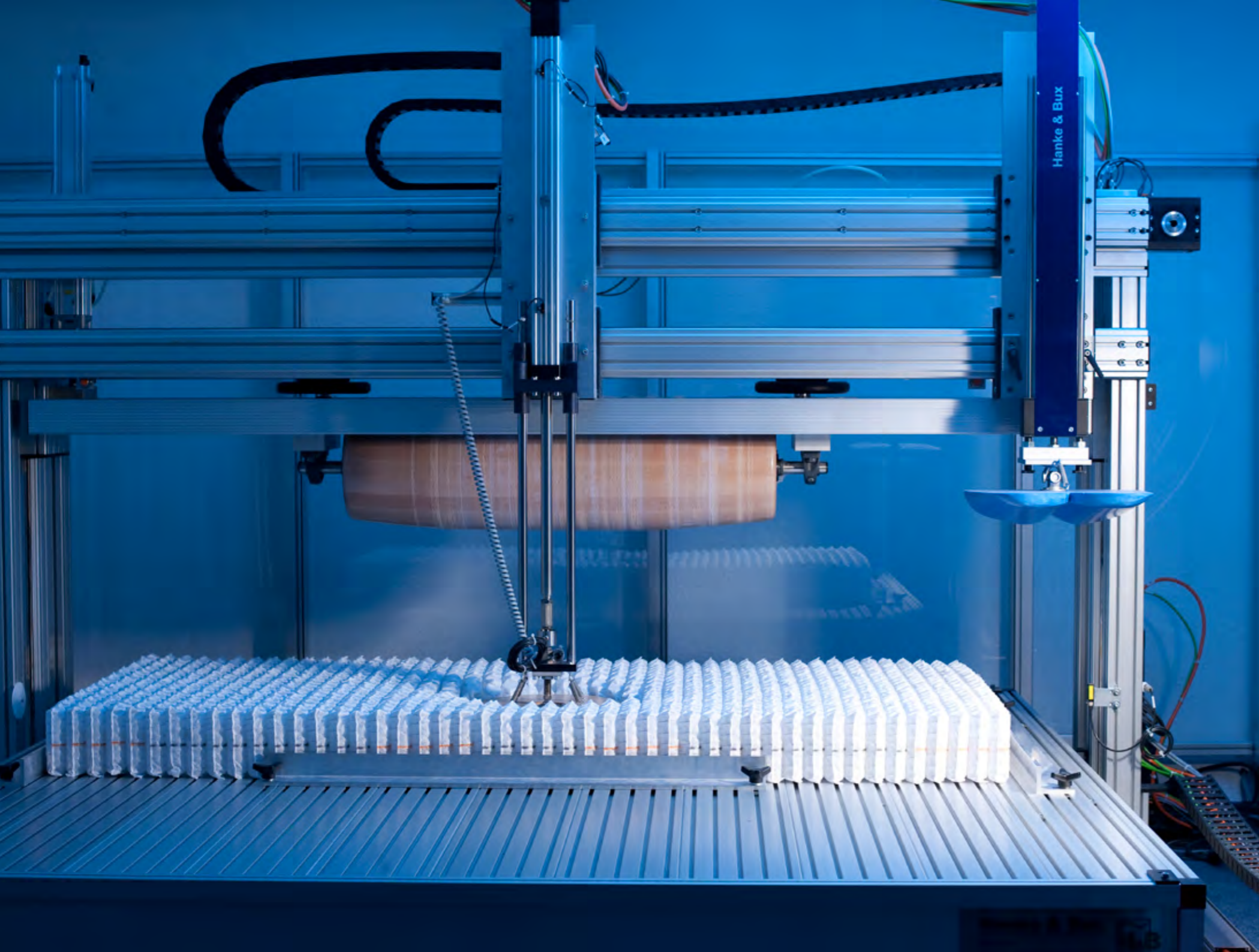
- Innovative glueless pocket innerspring within a mini format
- Extra flexible - recommended for mattress toppers or for a multi-layered setup



A.BON Bonnell innersprings

A.LFK LFK innersprings

A.POC Pocket innersprings



Quality and
the environment



Quality and the environment

Aiming at sustainability

AGRO exclusively uses top quality raw materials and we extensively test our products during the manufacturing process against a range of parameters. Therefore, the certified quality of our “Made in Germany” innerspring systems is certain to create an optimal base for your top-quality final products.

Being a family business, AGRO stands for future thinking in everything we do. Environmental sustainability is central to production as well as in the development of the AGRO product portfolio. Sustainable activities include the continuous improvement of waste management, permanent investment in new and more energy efficient machinery and vehicles, the development of a heating system utilising waste heat from the manufacturing process and finally the use of a siding track on-site. Furthermore, in 2013, AGRO introduced the first innerspring system made from renewable raw material. This step forward is our investment in the future of subsequent generations.

Certified AGRO-quality at a glance

- DIN EN ISO 9001 quality management
- LGA quality certificates for all groups of AGRO products
- Oeko-Tex Standard 100 (product class I)
- DIN EN ISO 50001 energy management
- Environmental management in line with DIN EN ISO 14001



AGRO International GmbH & Co. KG

Senfdamm 21
49152 Bad Essen

Phone +49 5472 9420-0
Fax +49 5472 1577

info@agro.eu
www.agro.eu



Please find your local contact
and further information at www.agro.eu

