

**FRISO/MAT®**

Innovators in steel buildings



**ASTRIGMA**

# It takes

At Frisomat, all good things come in 2's. It only takes 2 to assemble a building, from 2 weeks to 2 months. How? As the only international manufacturer and constructor, Frisomat manages the entire process, from design and development to production and construction. You and us, it only takes 2.



Frisomat, founded in Belgium in 1978, has offices and production sites all over Europe.

## lightweight || STABILITY

Why does Frisomat use cold rolled High Strength Steel? It is lighter, faster and therefore more economic. The lower weight ensures lower costs in production and shipment. Your building can be assembled on site by 2 people using light equipment. The result: a minimal ecological impact. The cold rolling ensures an unseen stability and strength. A true innovation.

## ingenious || ENGINEERING

Frisomat's unique Meccano principle is unrivalled. Every part is prefabricated and simply fits into place like a giant building kit. Every single part is meticulously designed, developed and produced by a vast team of experts. The result: a wide range of innovative structures and applications in compliance with local requirements and regulations. Thanks to its fully integrated production and development chain, Frisomat guarantees a clear and reliable overview on projected costs. State-of-the-art technology monitors every phase of the process. A comforting thought.

## ready || STEADY

Go. A Frisomat is easy to assemble thanks to the prefabricated, innovative and standardised components. Our technicians know the system inside out. All over Europe, Frisomat assembly teams are ready to construct your project. And all over the world, you benefit from Frisomat's support to have it assembled. A consistent approach. The final link in an integrated chain. At your service.

## Frisomat || TOUCH

Almost limitless personalisation with completely prefabricated and standardised components. Available for almost every conceivable application, however complex and sophisticated. From foundations to finishing parts, every component bears the Frisomat stamp. Standardisation with a highly personalised touch.



Light but solid. Every part can be manipulated by 2 people. All parts fit together like a giant building kit.

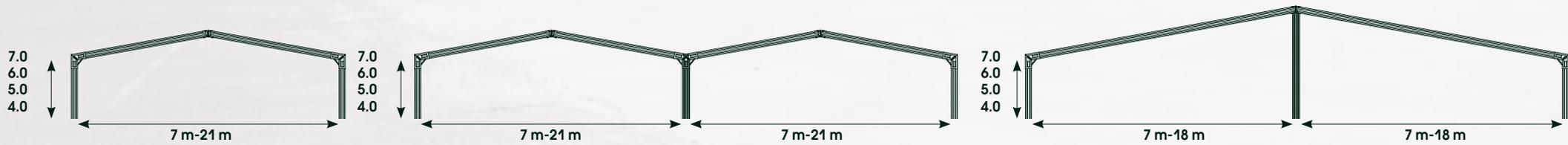


From riding hall to storage and office space. A FrisoMat building can be used for almost limitless applications.



## Dimensions

Astrigma. Elegant design for medium spans and heights.



*All dimensions can vary depending on local requirements and regulations.*

# ASTRIGMA

elegant || STABILITY

Astrigma. A slight roof pitch combined with an elegant  $\Sigma$ -shaped, cold rolled base structure. An aesthetic design for medium spans and heights.

## Design for life

Astrigma buildings can reach up to 7m sidewall height, resulting in maximum interior space at a minimal investment. A high quality, elegant and versatile building at an attractive fixed price.

The completely galvanised, cold rolled base structure is made of elegant,  $\Sigma$ -shaped profiles. This unique Frisomat concept guarantees maximum strength and stability combined with a relatively low weight. All materials are developed and produced in-house, guaranteeing maximum quality. The individual, standardised parts are specially designed, developed and optimised. The high-end finishings guarantee a long lifetime with minimal maintenance. The result is a fast built, durable, top level construction. Built to last.

## Applications

The elegant, single beam framework guarantees maximum interior space with an elegant exterior design. All in compliance with local standards and regulations. Although every single part is standardised, a high level of personalisation remains possible.

Whether you need secure storage space, office space for you and your team, a production site or workshop, an Astrigma meets your requirements. Depending on use or customers' wishes, the Astrigma building can be equipped with different types of doors, canopies, smoke vents, window and loading bays, and various other options. A finished building is not the end of the unique Frisomat commitment. All Astrigma buildings can be coupled and expanded at all times creating endless possibilities. We create your project.

# ASTRIGMA

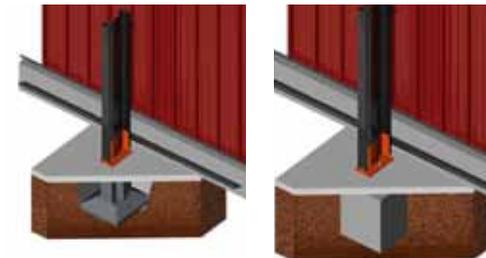
## Five-star choice:

- Spans from 7 to 21 m, sidewall heights 4, 5, 6 & 7 m
- 100% galvanised High Strength Steel structure
- Slight roof pitch (10°)
- Designed in accordance with client requirements
- Extendable and expandable at all times





Depending on site circumstances and local regulations, Astrigma buildings can be installed on prefabricated concrete elements or purpose-built foundations. The adapted anchor sets or expansion bolts secure the building to **resist the strongest forces.**



Exclusive, innovative connection pieces fulfill the most complex requirements and guarantee easy assembly. As a result, Astrigma buildings can be coupled or expanded at all times, depending on local regulations. **We cover your growth.**



A design that stands the test of time with minimum maintenance. All finishings are tailor-made. **The perfect fit** in high quality material.



Every Astrigma has a completely galvanised structure of cold rolled  $\Sigma$ -shaped profiles. The 275 g/m<sup>2</sup> zinc layer guarantees the best protection. **We make your building last longer.**



# customising || STANDARDS

Working with standardised, prefabricated concepts leaves plenty of room for personalisation. Not only in form and design, but also in finish. Various colours, insulations, windows and doors, smoke and air vents, loading decks, canopies, flashings, separation walls, suspended floors, you name it. Whatever your project needs.

## Roof and wall covering

Depending on design, application and customer requirements, various solutions can be used to cover Astrigma buildings. Vertical or horizontal sheeting, with or without condensation film, insulation blankets, insulated liner trays or sandwich panels in various colours. The possibilities for material and insulation are almost limitless. Your Frisomat advisor will help you to find the ideal solution.



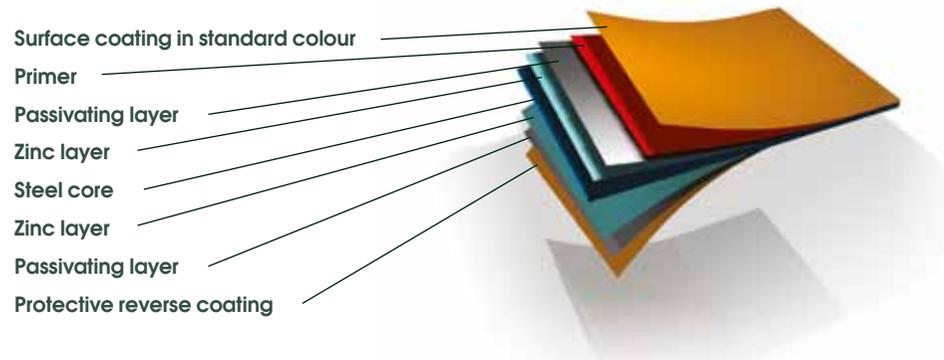
- 100% galvanised slim  $\Sigma$ -profiles for beams and columns
- Sandwich panels for roof and wall covering
- Vertical or horizontal wall covering depending on customers' wishes



- 100% galvanised slim  $\Sigma$ -profiles for beams and columns
- Single skin trapezoidal sheets (TR45)
- Insulation blanket under roof cladding
- Insulated liner trays filled with glass wool or rock wool
- Vertical or horizontal wall claddings depending on customers' wishes

## Sheeting

Frisomat only uses pre-painted S280 steel of the highest quality with a zinc layer of 275 g/m<sup>2</sup> to profile your sheets and finishings. The quality is guaranteed by the different layers of the sheet:



## Colours

We offer a variety of standard colours for your projects.



## Mezzanines. Redefining space.

Need more storage room within your Frisomat building? Want to create extra offices without sacrificing any space? The answer is Frisomat's unique mezzanine: a suspended floor, made of the same sustainable, galvanised material as your structure. The load capacity is no less than 300 kg per m<sup>2</sup> and, at a standard yet adaptable height of 2.8 m, it provides additional storage space underneath. Additional space at an unbeatable price.

Do you have more specific needs? As an alternative to the Frisomat mezzanine, we offer a more traditional solution. A suspended floor made of pre-painted steel deck supported by a classic, hot rolled structure. This conventional intermediate floor can be covered with a lightened concrete deck. Specific solutions for specific needs.

All Frisomat's mezzanines are individually designed for specific locations or uses and can easily be transformed. As such, they ensure better use of space and help you save money and increase profitability.



# show || CASES

Innovators in steel buildings. We have over 30 years of worldwide experience, more than 20,000 different projects all over the world and more than 20,000 satisfied customers. Every project has its own standards, requirements, specifications and complexities. No matter what, we build it for you. Anywhere, anytime. Your project, our pleasure.



Slobozia, Rumania



Leixões, Portugal



Lluanda, Angola



Roermond, The Netherlands



Sarcelles, France



Dryanovo, Bulgaria



Málaga, Spain



Osnabrück, Germany

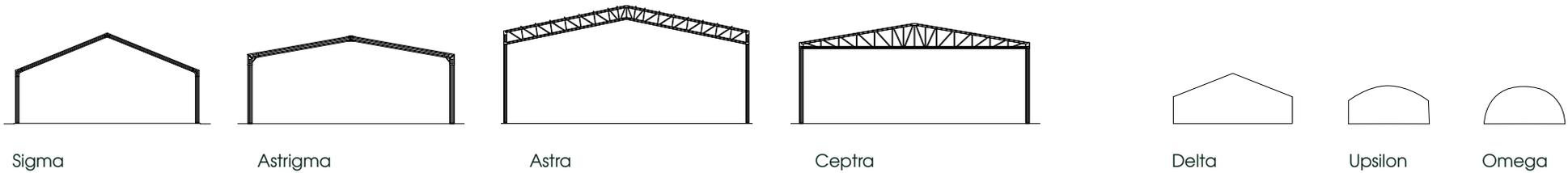


Beerse, Belgium



Gdansk, Poland

Frisomat has a wide range of products, based on seven construction systems and more than 200 standardised buildings. The four superior systems are fully modular, guaranteeing customers complete freedom in construction and finishings.



## Frisomat Belgium

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All executions, dimensions and options can vary depending on local regulations and guidelines. (EN-BE)

