At Frisomat all good things don’t come in 3’s, they come in 2’s. And we mean everything, because it only takes 2 to assemble a Frisomat building. More specifically, 2 Frisomat technicians with the same training, skills and tools. Subcontractors or third parties are kept out of the loop. The same rule of 2 goes for communication between Frisomat and its customers, because all queries and agreements are channelled through a single dedicated contact.

There are also two sides to every Frisomat building. It’s true that all models are built from standard profiles, but there is plenty of room for personalisation. All told, we’ve built more than 15,000 highly diverse structures worldwide, all of which are in full compliance with local building regulations and requirements.

All Frisomat buildings are remarkably robust and exceptionally lightweight. Frisomat designs, develops and assembles prefab steel halls, based on a unique cold-roll principle that doesn’t use heavy materials but rather lightweight galvanised steel profiles. It’s a breakthrough in industrial prefab.

As the only international manufacturer and constructor, Frisomat manages the entire process, from design via development and carriage to construction.

Frisomat: industrial steel halls, everything under one roof.

Frisomat was founded in Antwerp in 1978. It is now a leading steel company with offices all over Europe.
Frisomat designs, fabricates and transports prefabricated steel structures and assembles them on site. That is the Frisomat touch.
A 10-ton galvanised coil of steel. Rolled into easy to handle and assemble profiles.
lightweight || STABILITY

Cold rolling

At Frisomat, this involves a continuous process of:

1. **Flattening the coil** (rolled steel) with a press. This eliminates any tension and guarantees a perfect profile.
2. **Punching the steel.** The punch patterns are automatically programmed into the computer-driven machine by the technical department.
3. **Rolling.** The steel is progressively pushed and shaped, first the centre of the sheet, then the sides. Different cartridges produce all possible profiles, up to 5 mm thick.
4. **Cutting.** The flying shear runs with the profile, cutting it at the programmed length without the production line having to stop.

Why Frisomat uses cold rolled steel

- **It’s more lightweight.** The most tangible advantage of the cold rolled steel Frisomat uses. Coils of steel are cold rolled to produce parts – profiles, wall claddings and insulating interior boxes – which are easier to handle and to assemble.

- **It’s faster.** Cold rolled galvanised steel needs no further processing. Traditional hot rolled steel profiles require prior drilling, sawing, sandblasting and spraying, while Frisomat’s cold rolled galvanised steel just needs punching and profiling. This means the material can be shipped to customers earlier for assembly. Furthermore, Frisomat always maintains a stock of prefab parts that are ready for shipping and assembly.

- **It’s more economic.** The product’s lower weight ensures lower costs in terms of production and shipment. It also means 2 people and some light equipment are all that’s needed for assembly on site.

- **It’s more ecological.** The material does not require any welding, sandblasting or splitting and is therefore more environmentally friendly. The structures are 100% recyclable. In addition, the coils of steel are imported by ship, reducing our impact on traffic. Finally, thanks to their lighter weight, our finished structures are less harmful to the environment when transported by road.

Yet Frisomat structures do not lack stability at all. The combination of high quality High Strength Steel (HSS) and the ingenious Meccano principle guarantees it.

The robust lightweight.
An eye for detail, from the first draft on

Frisomat’s Meccano principle is unrivalled. Every part simply clicks into place like a huge kit. Each part is first meticulously drawn and designed by the team of engineering and drawing experts. Their 3D CAD/CAM design is converted into detailed plans and drawings that constitute the blueprint for the final building.

This approach produces standard systems for a wide spectrum of structures and applications, which are then tailored to the local laws, standards and regulations of the country and site they are made for. Every Frisomat prefab is designed with local climate variables in mind like temperature, wind and precipitation. As a consequence, what began as a standard system is transformed into a fully customised project.

Customers receive a clear, reliable and itemised statement of the projected costs of their projects from day one. Frisomat is able to do this because it fabricates all parts itself, minimising its dependence on suppliers. Punching, rolling, cutting, bending, coding, packing and preparation for shipment: Frisomat leverages state-of-the-art technology to monitor every phase of the process.

Frisomat invests permanently in the development of its products.
It takes

The starting point: standard systems.
The destination: flexible, customised building kits.
It takes 2 people. Within 2 months.
Go.

A Frisomat prefab is easy to assemble. Every part has its own place. Frisomat’s technicians know the systems inside out, which means they are always able to produce an attractive building with speed and efficiency.

Frisomat has assembly teams stationed throughout Europe, all working with the same material – cold rolled steel profiles & parts and crane trucks. Frisomat supports its clients outside Europe as well. Local construction firms can rely on easy-to-follow, detailed building instructions and permanent guidance. The last logical link in the integrated Frisomat chain.

It takes 30 minutes. Every part can be moved manually. 2 experimented technicians are able to assemble a finished steel hall within a period of 2 weeks to 2 months. Potential modifications or extensions follow the same principle.

Fast, simple and meticulous.
Frisomat has a wide range of products, based on 7 construction systems and more than 200 standardised buildings. The 4 superior systems are fully modular, guaranteeing customers ample freedom in construction and finishing.

The 3 basic Frisomat systems are Delta, Omega and Upsilon. Function and appearance go hand in hand, at an attractive price. These basic models are clad with pre-painted corrugated sheet metal including translucents. They are easy to move and highly suited for temporary storage.

Astra, Sigma, Astrigma and Ceptra are superior steel prefab structures. They are completely prefabricated, including foundations, but can be personalised at a detailed level. They become modern, attractive buildings, completely made up of galvanised frames. Roofing and walls are clad with trapezoidal profiles and offer a wide choice of insulations.

Each is composed of sustainable parts, making them particularly suitable for use in more complex and refined structures for all possible applications. All models are available from stock at an attractive turnkey price.

Sigma: complete, industrial building with classic gable roof. Available from stock and easy to assemble.

Astra: hall-type for large spans, with slight roof pitch and high sides. Fully modular.

Astrigma: a variant of Astra that appears identical from the outside but lacks the typical framework under the roof.

Ceptra: a response to specific height requirements, the flexible free space under the roof varies depending on span and climate.
1 standard kit.

It takes

A highly personalised touch.
magnificent  |  SEVEN

**Sigma**
- Spans from 7 m to 22 m
- Sidewall height 2.5 m, 3.5 m, 4.5 m and 5 m
- Roof pitch 22° (gable roof)
- Galvanised frame of single Sigma profiles
- Cladding with pre-painted trapezoidal sheeting and translucents
- Extensive range of insulations
- Wide choice of accessories

**Astrigma**
- Spans from 12 m to 21 m
- Sidewall height 4 m, 5 m, 6 m, 7 m and 8 m
- Roof pitch 10° (gable roof)
- Galvanised frame of single Sigma profiles
- Cladding with pre-painted trapezoidal sheeting and translucents
- Extensive range of insulations
- Wide choice of accessories

**Astra**
- Spans from 15 m to 35 m
- Sidewall height 4 m, 5 m, 6 m, 7 m, 8 m and 9 m
- Roof pitch 10° (gable roof)
- Galvanised roof truss and double Sigma columns
- Cladding with pre-painted trapezoidal sheeting and translucents
- Extensive range of insulations
- Wide choice of accessories
Delta is an advantageous, traditional hangar with straight side walls and gable roof. These buildings are suitable as storage facilities, (temporary) production sites, transport depot etc. Comes with prefabricated concrete foundations. Delta provides spans up to 15 m and gutter heights up to 5 m.

Upsilon is a straight-side hangar with a curved roof. The great advantage of these buildings is that storage is possible right against the sides. Comes with a prefab concrete foundation. Upsilon buildings are up to 11 m wide and provide sidewall heights of up to 3.7 m.

Omega provides storage space up to 7.5 m high and 20 m wide. These arched steel buildings with a prefab concrete foundation are ideal for use as temporary structures because they are easy to move. In addition, Omega offers excellent performance at an unrivalled price.

Ceptra

- Spans from 15 m to 35 m
- Sidewall height 4 m, 5 m, 6 m, 7 m, 8 m and 9 m
- Roof pitch 10° (gable roof)
- Galvanised roof truss and double Sigma columns
- Cladding with pre-painted trapezoidal sheeting and translucents
- Extensive range of insulations
- Wide choice of accessories

Delta

Upsilon

Omega
Almost limitless applications.

It takes:

15,000 jobs completed.
Finished at a detailed level, ready to use

Delivering a steel shell is not the end of Frisomat’s involvement. Once all profiles, fittings, connecting pieces and claddings have been assembled, the Frisomat technicians are also responsible for finishing the structure. Insulation, doors, windows, gates, partition walls, false floors, extensions and colours: every building bears the Frisomat stamp, but with a highly personalised touch.

Redefining space: mezzanines

Need more room for storage within your Frisomat building? Want to create extra offices without sacrificing any space? Frisomat can add a mezzanine to your building: a suspended floor, made up of the same sustainable, galvanised material as your structure. Their load capacity is no less than 300 kg per m² and, at a height of 2.8 m, they provide additional storage space underneath. Frisomat’s mezzanines are individually designed for specific locations or uses and can easily be transformed into office space. As such, they ensure better use of space and help you save money and increase profitability.

Frisomat has successfully completed over 15,000 projects.
The most common applications are:
- Production
- Shops and showrooms (supermarkets, retail outlets, megastores)
- Garages
- Storage
- Offices
- Aviation (hangars)
- Sport and recreation (venues, halls)
- Equestrian sports (stables, arenas, barns)
- Agriculture
Sigma, Osieck, Poland

Upsilon, Antwerp, Belgium

Astra, Nová Zámký, Slovak Republic

Astra, Lisbon, Portugal

Astrigma, Sarcelles, France

Delta, Elblag, Poland
Omega, Saint-Ghislain, Belgium

Astrigma, Stefanowo, Poland

Delta, Sint-Truiden, Belgium

Ceptra, Kiev, Ukraine

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