



**Almacon**  
storage  
systems





## Mission of Almacon

The mission of Almacon is to 'put our customers on a higher platform'. By this we mean that we create high-end quality products that our customers can use to move forward. Together we aim for the highest possible result. This not only keeps the quality of Almacon high, but also the quality of the client who will ultimately install the product..

## Vision of Almacon

In a world where more and more attention is paid to sustainability, technology and ecological developments, Almacon strives for a sustainable, qualitative and aesthetic end product in which we continuously innovate and improve.

This means that we always go a step further and think big. Almacon delivers a high-end product that is unique, innovative, accurate and attuned to each other. If it is not there yet, we create it. Where others drop out, we go on.



Almacon sees a future in which projects are getting bigger and more complicated. While there used to be a desire to create a practical Mezzanine in particular, the demand for custom work is now increasing and this will continue in the future. We respond to this by continuously thinking one step ahead: how can things be

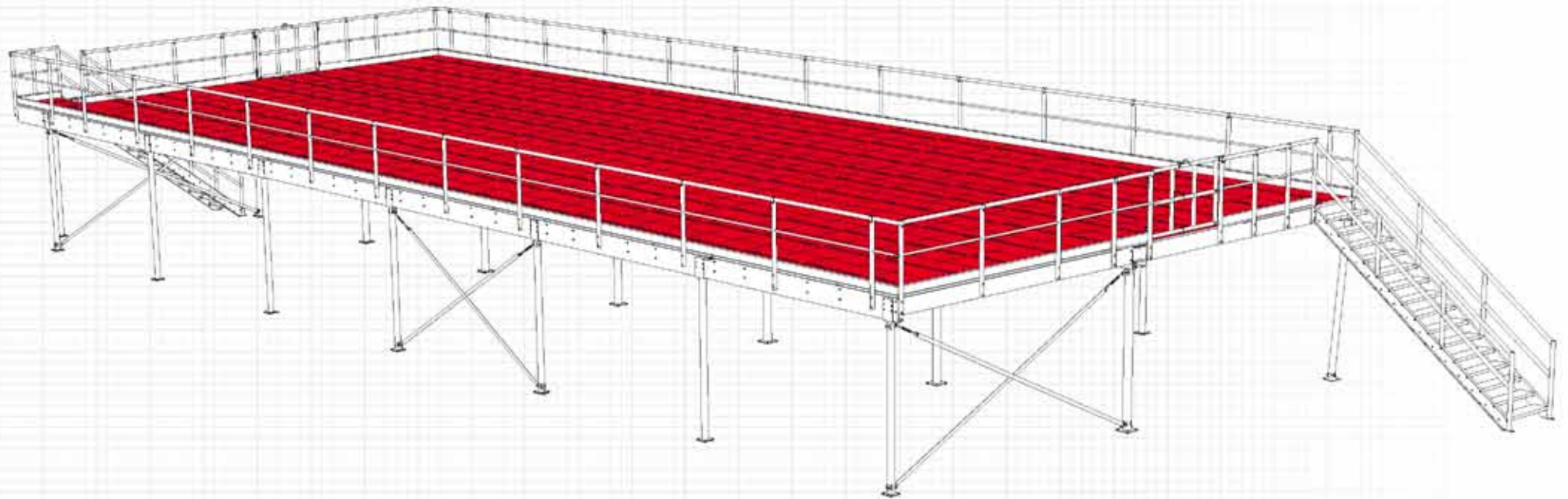


improved? How can we work smarter? Almacon is a small company in terms of the number of employees and that will always remain so, but when it comes to Mezzanines, we think big.



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## Single Deck Mezzanine



## THE SOLUTION FOR EXTRA SPACE...

### Alldeck Single Deck Mezzanine

The most basic version of our Mezzanine. But basic does not automatically mean average! This single self-supporting construction can be equipped with stairs, railing and a pallet handling system.

When the Mezzanine is used as a platform to walk on, the standard load is 250 kg/m<sup>2</sup>. A higher load of 500 kg/m<sup>2</sup> or 1000 kg/m<sup>2</sup> is also possible for floors with conveyor belts, roller conveyors or automatic transport systems.

This type of platform is then specifically designed for these loads.



### Floor finish

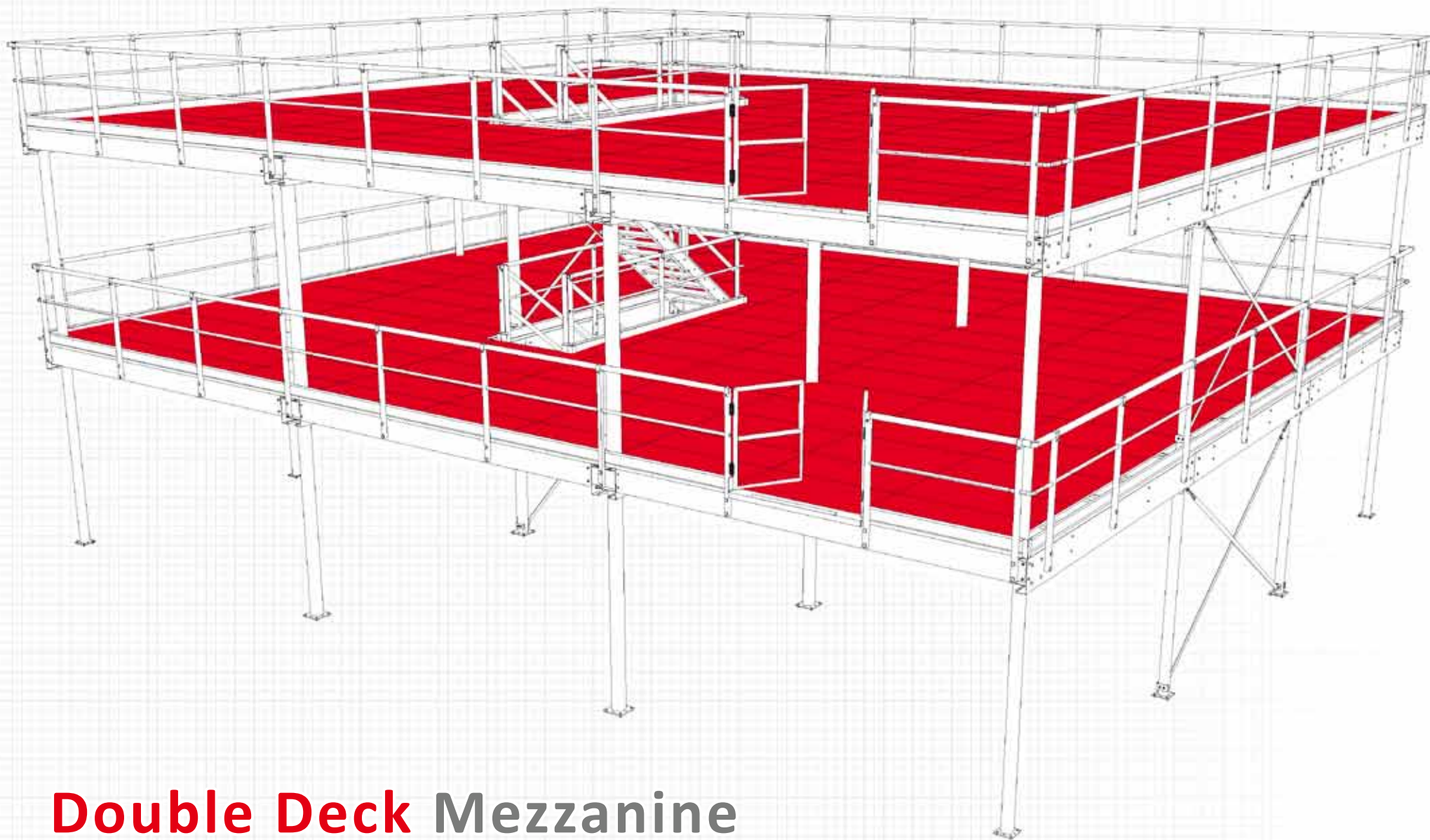
The steel construction can be finished in different ways.

Generally this consists of chipboard floor panels but there are also other options such as grating, delignit or concrete.

Almacon always advises the most suitable combination between the steel construction and the floor finish.

We take the best option into account for point loads and stability.





## Double Deck Mezzanine



## THE SOLUTION FOR EXTRA SPACE...

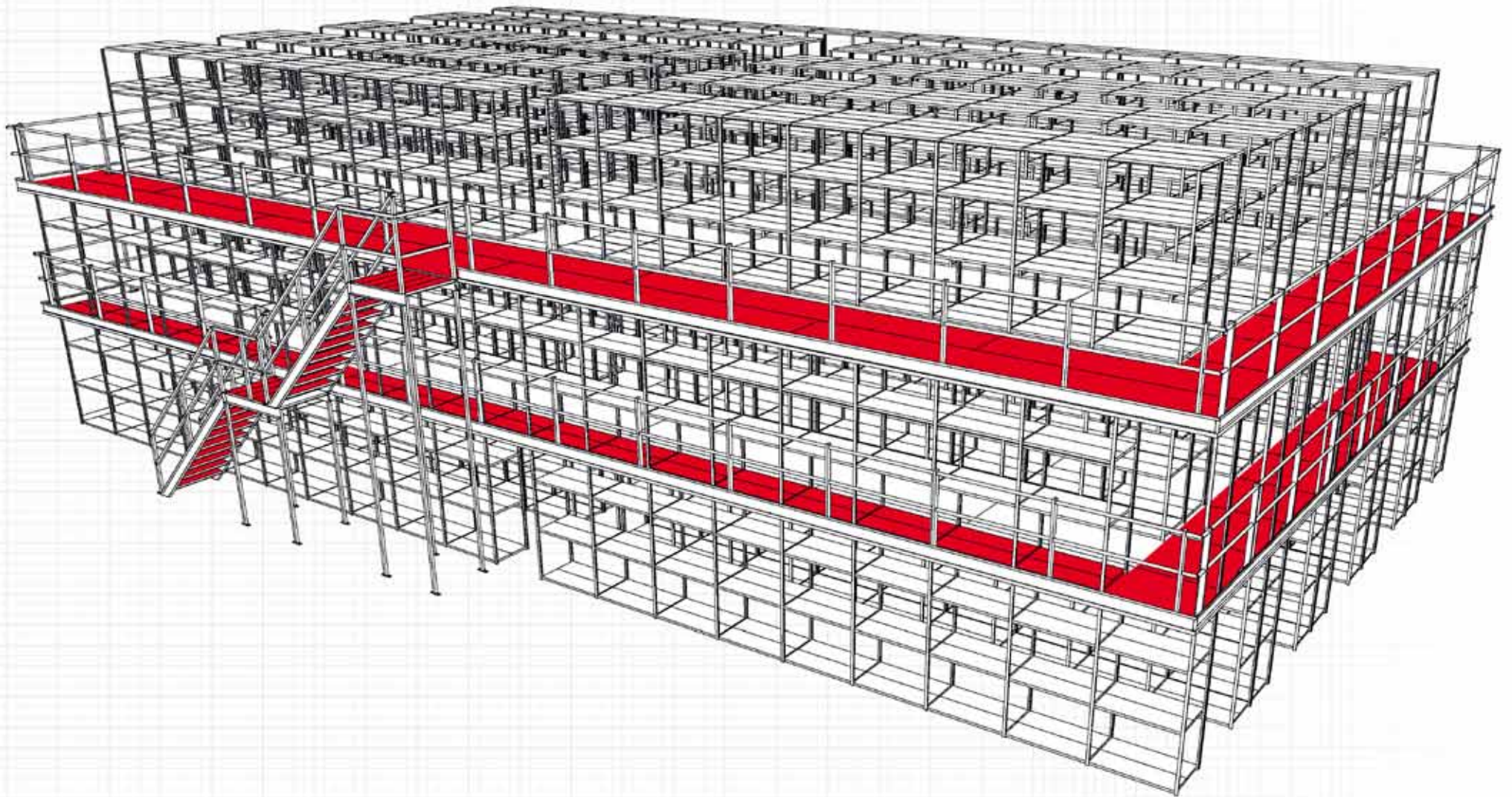
### Alldeck Double Deck Mezzanine

A multi-level Mezzanine that can be executed with stairs, handrails and pallet handling facilities. The standard load is 250 kg/m<sup>2</sup>, but the Mezzanine can be designed for any required load.

The Double Deck Mezzanine is often placed in combination with conveyor belts, roller conveyors or automatic transport systems.

When designing the Mezzanine, the existing floors in the building can be taken into account. In this way, all floors connect to each other without barriers.





## Platform with racks



## THE SOLUTION FOR EXTRA STORAGE...

### Alldeck Platform with racking

Alldeck platforms (Mezzanine) are often an ideal application in combination with racks. The racks can be placed either on or under the floor. In cooperation with the client, the Mezzanine is designed exactly according to the racking layout,

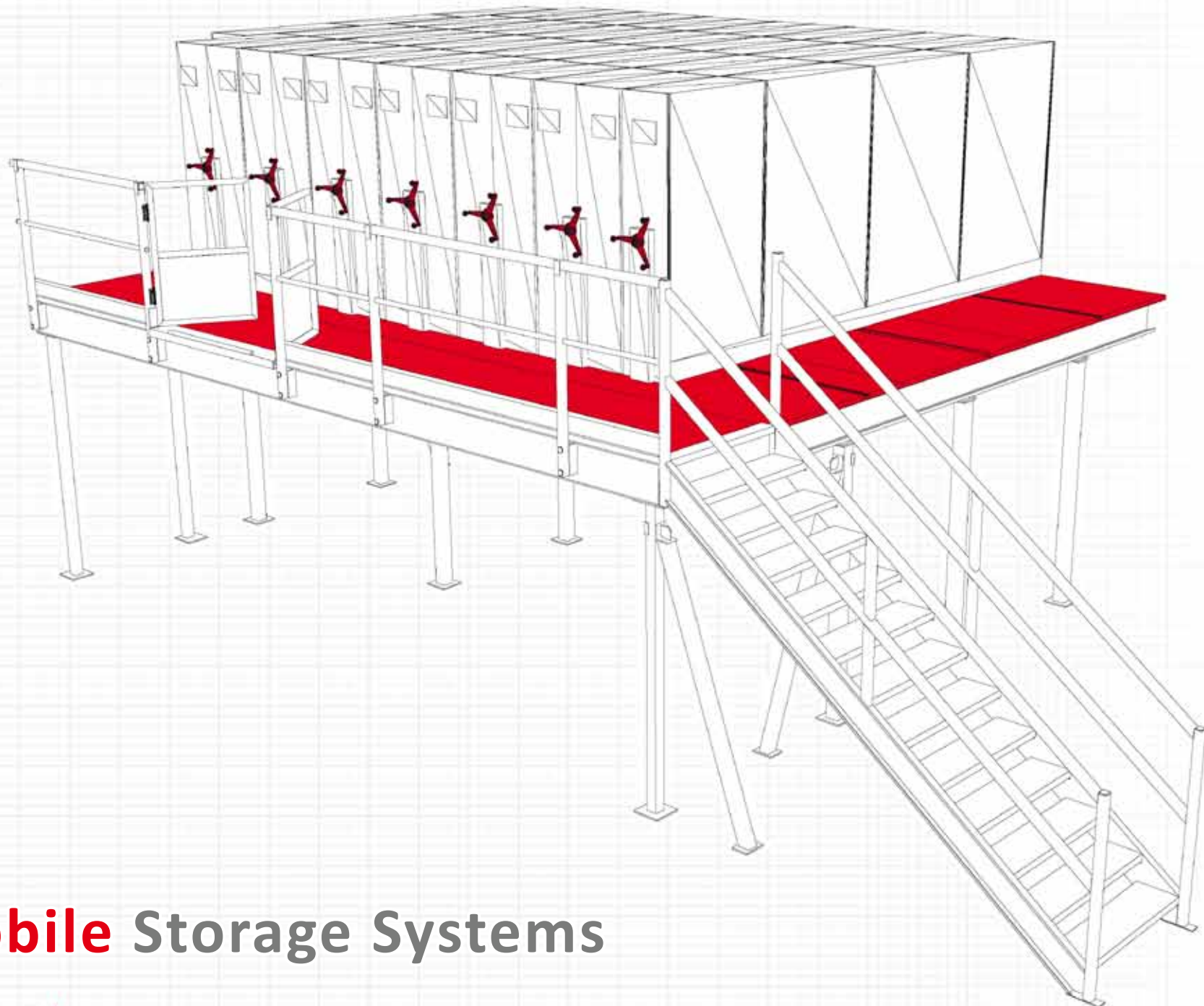
in order to ensure the most efficient and economical use of the racking. Because the profiles of the system are placed directly under the racking uprights, a correct combination of Mezzanine profiles and racking uprights allows that a maximum load with optimal construction can be made.

As a result, the load on the racks can be many times greater.

To make racking blocks easily accessible on several floors, Almacon also designs aisle constructions over several layers, usually equipped with stair towers and pallet handling.

The racking aisles then lead to these platform constructions. In this way, optimal use is made of the warehouse space and the most efficient solution for order picking.





## Mobile Storage Systems

## THE SOLUTION FOR FLEXIBLE SPACE...

### Mobile archive shelving

The standard solution for efficiently classifying archive rooms consists of mobile archive shelving. Systems with mobile filing cabinets, in which the aisle is variable.

The load on such a system is often very high: there is only one narrow aisle surrounded by racks full of paper. A considerable weight! A very strong and rigid surface is required to install these systems optimally.

The Almacon engineers have good solutions for this too, and they also meet the very strict deflection requirements for such systems



### Painting racking

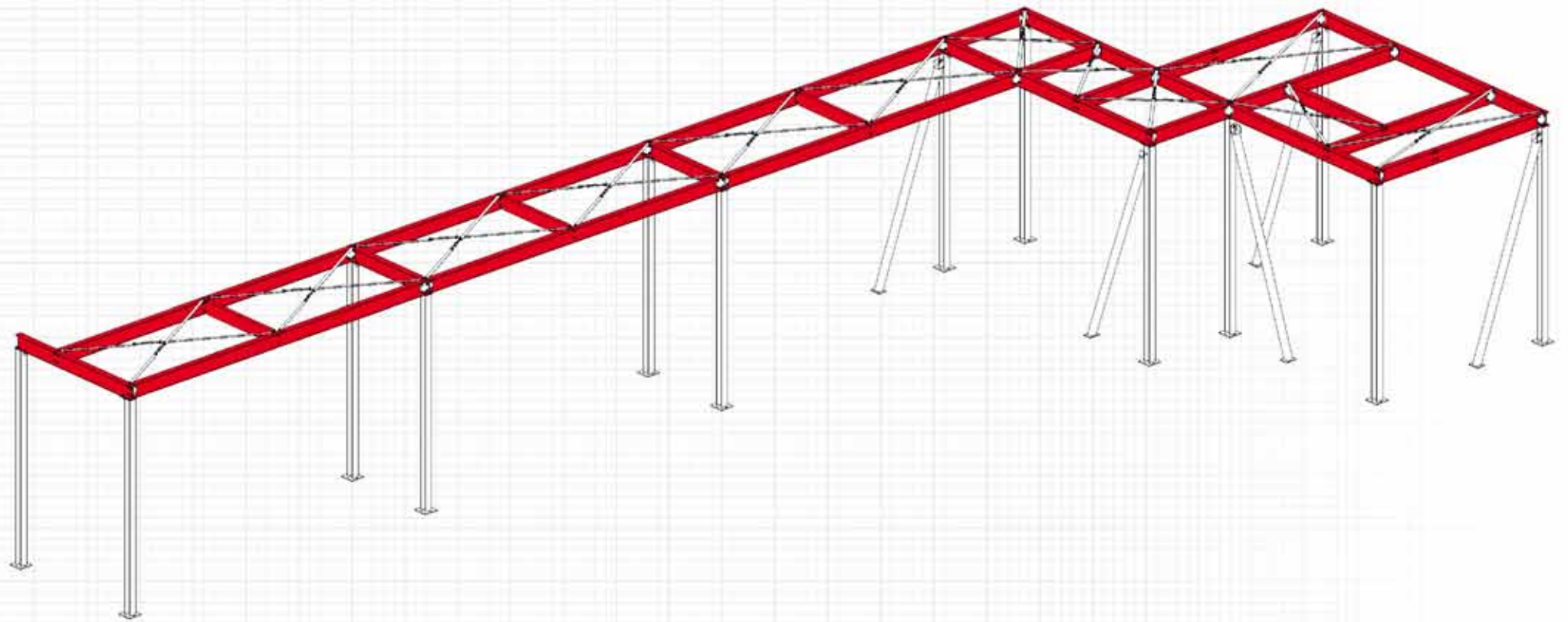
In art depots, paintings are usually hung on special systems that allow efficient and accessible storage. These painting racks should be mounted as rigidly and stable as possible.

The construction height in such spaces is often limited, so that hot-rolled profiles often fit better in the design. These hot-rolled profiles can be supplied in parts and spliced to lengths, which simplifies the issue of delivery.

The use of materials takes into account that the material is "light" enough to be built manually or with hoists in an existing situation.

Almacon has a lot of experience in making support constructions and has a large variety for many storage issues to create an efficient solution.





## Conveyor Supports

## THE SOLUTION AT THE RIGHT HEIGHT...

### Alldeck Conveyor Supports

Roller conveyors are often used in logistic centres and production areas. These systems often require supporting structures in order to be used at height.

Almacon has a lot of experience with the design and delivery of these load-bearing structures for conveyors.

Almacon also has the right solution for mounting conveyors to the existing building structure by placing consoles.



Such systems can be mounted hanging under our platforms, directly on top of them or raised on top of the floor via a construction.

Clothing racks can be hung on them, but pallets of more than 1,000 kg can also be transported. Almacon has a suitable solution for all these variations.

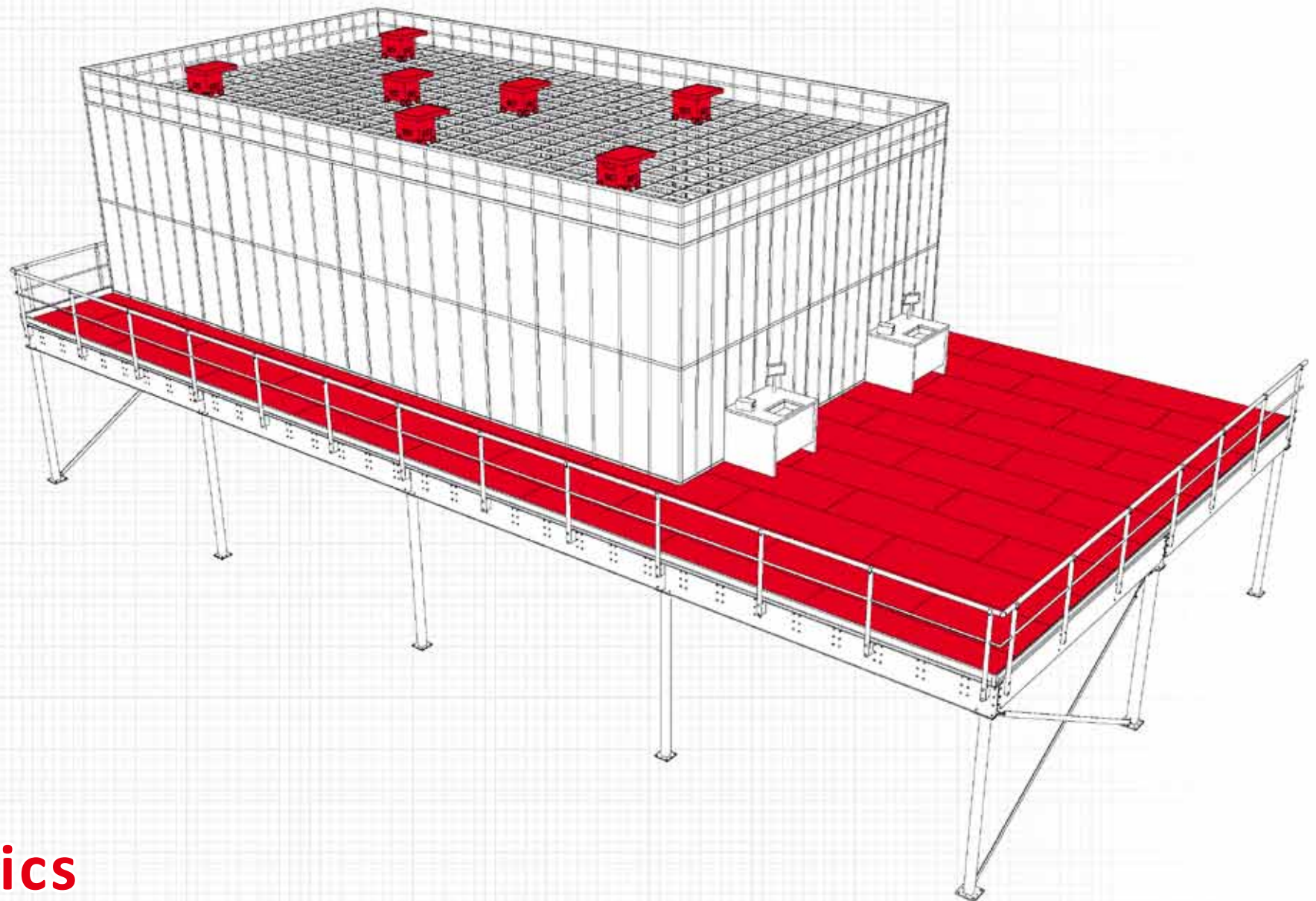


When using conveyors, horizontal loads play a major role in addition to deflection. The cause of this is the acceleration or deceleration of the goods on the conveyors.

Almacon has the necessary expertise to make the right construction for this.







# Robotics



## THE SOLUTION FOR EXTRA SPACE...

### Carriers for logistics robotics

Today, many modern logistics centres use computer-controlled systems for efficient logistics and space allocation. These systems are technically very advanced, but also require special support constructions.

In order to keep the robotics functioning, the deflection of the support constructions must be minimal.

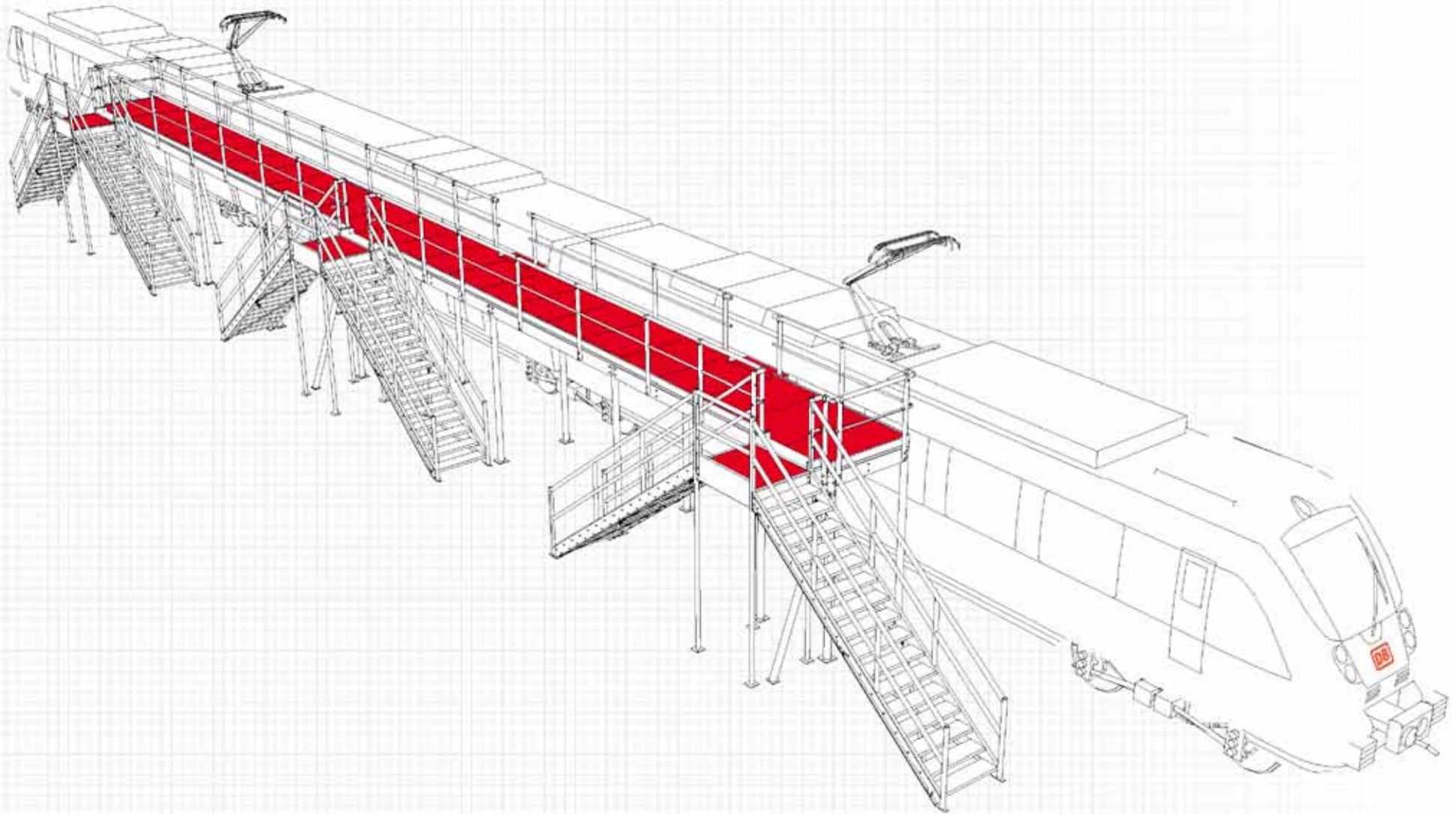
At the same time, they sometimes have to deal with heavy loads. A precise system that sometimes requires millimetre precision and a high-end solution.

Making large(r) spans makes the complexity of such projects even greater, which makes the challenge even more beautiful!

Almacon has successfully completed many projects within these strict requirements.

By now, we are known throughout Europe (and beyond) for such solutions.





## Mechanical engineering / Maintenance Platform



## MECHANICAL ENGINEERING / MAINTENANCES PLATFORM

Engineers need access to installations and machines for maintenance. They are often located in hard-to-reach locations. In logistics centres and business areas, there are numerous installations which need to be changed or redirected regularly.

When using such maintenance platforms, in most cases a grating floor is used, with Almacon making provisions to keep the structure stable at all times.

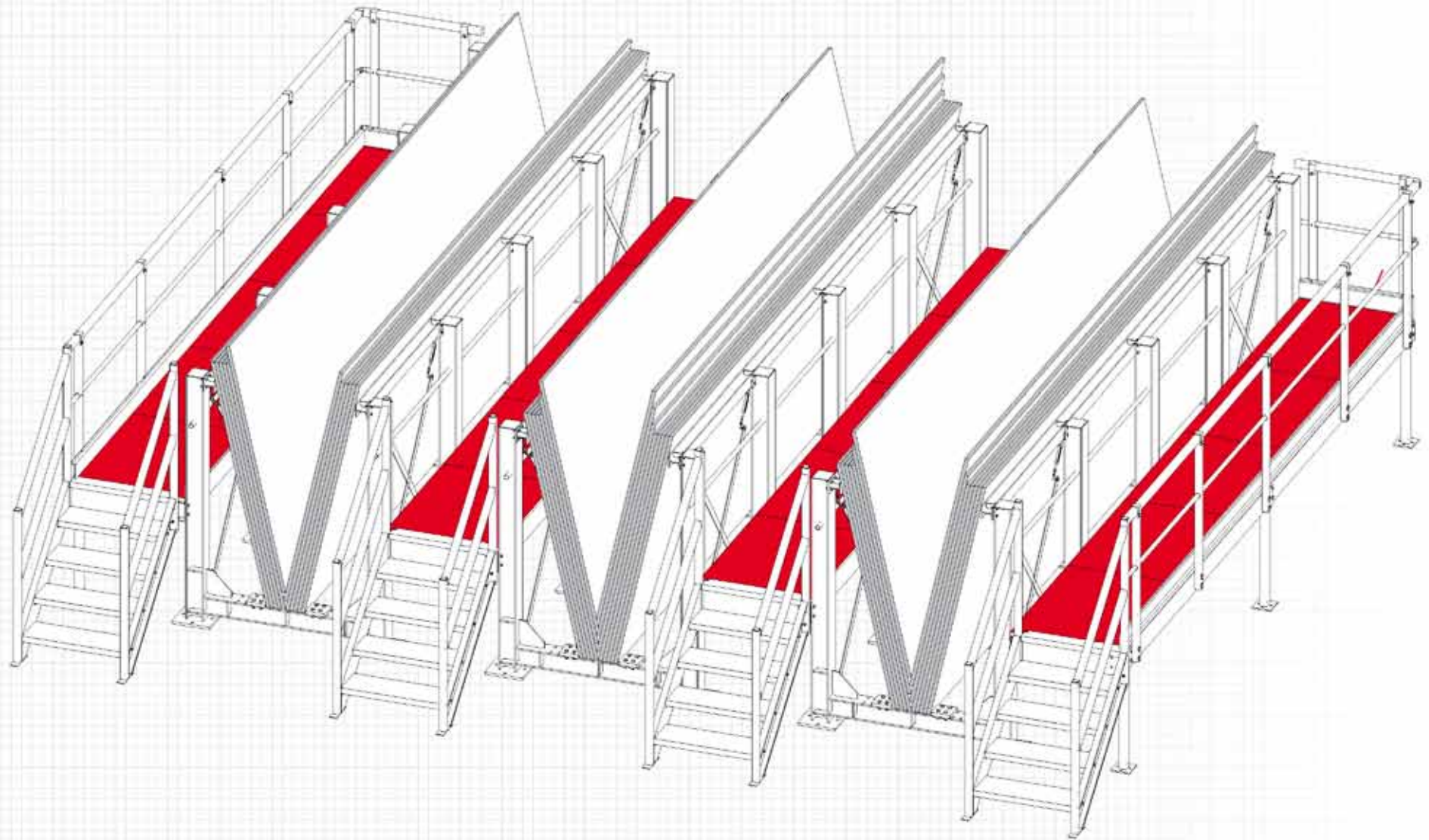
In an engine room environment, it should be taken into account that there are often many piping and other obstacles present, which influence the shape of the platform.



The Almacon engineers skillfully design around this. Almacon always finds an accessibility solution for such machinery! Designed in accordance with all current safety standards, with access via a staircase or (cage) ladder.







## Heavy Duty Storage

## THE SOLUTION FOR HEAVYWEIGHTS...

### Heavy Duty Storage

In heavy industry, many weighty tools are used; for example in an iron foundry. This requires a Mezzanine that can handle such loads well!

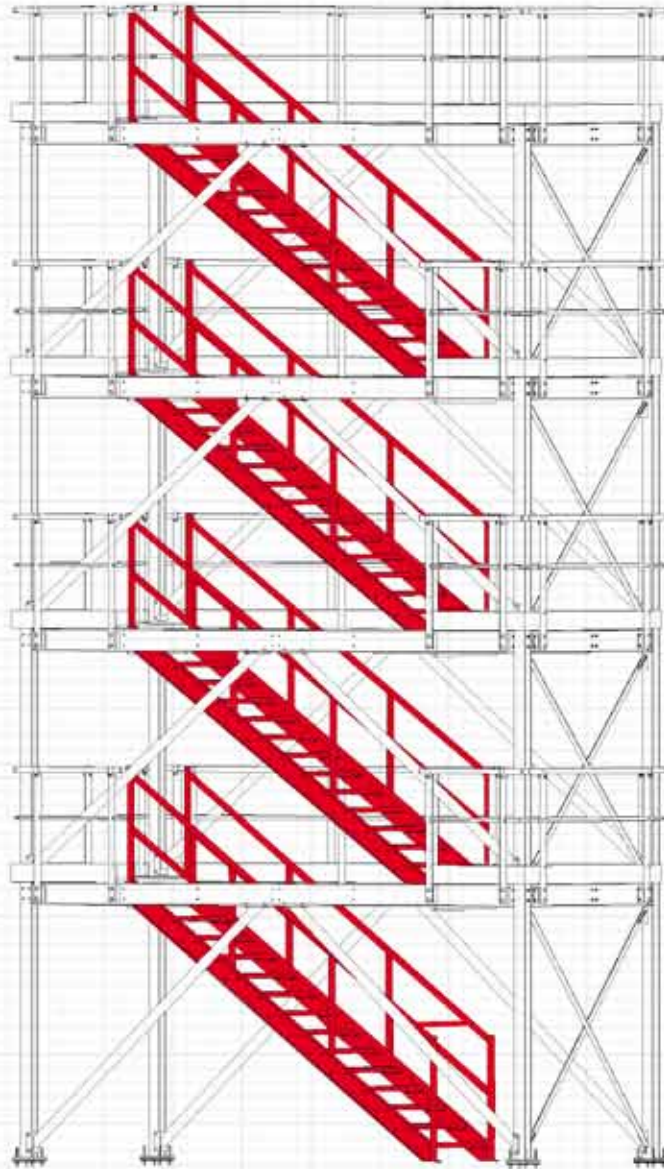
Almacon has supplied Mezzanines in various projects that could handle loads of up to 6,000 kg/m<sup>2</sup>. On such floor you could drive with a forklift truck or a heavy truck.

The installation of a crane track system under the floor can also be considered. The choice of materials for such systems is specially tailored to the project, for example a floor surface made of solid steel plates.

As far as Almacon is concerned, this is certainly not the limit. We are always open to new challenges!







## Staircases



## THE SOLUTION FOR ACCESSIBILITY...

### Stair(cases)

To gain access to floors, Almacon designs and supplies many stairs and staircases for indoor spaces and galvanised for outdoor spaces.

Our standard staircases are suitable for both indoor and outdoor areas with grid treads.

The colour of the stringer can be supplied in any desired RAL colour.

### Showroom stairs

A showroom staircase is an inviting staircase with ditto look for a showroom. It is a luxurious staircase that invites you to visit the upper floor of the showroom.



The staircase can be finished in any desired colour and shape and can be supplied with wooden steps.



### Evacuation staircases

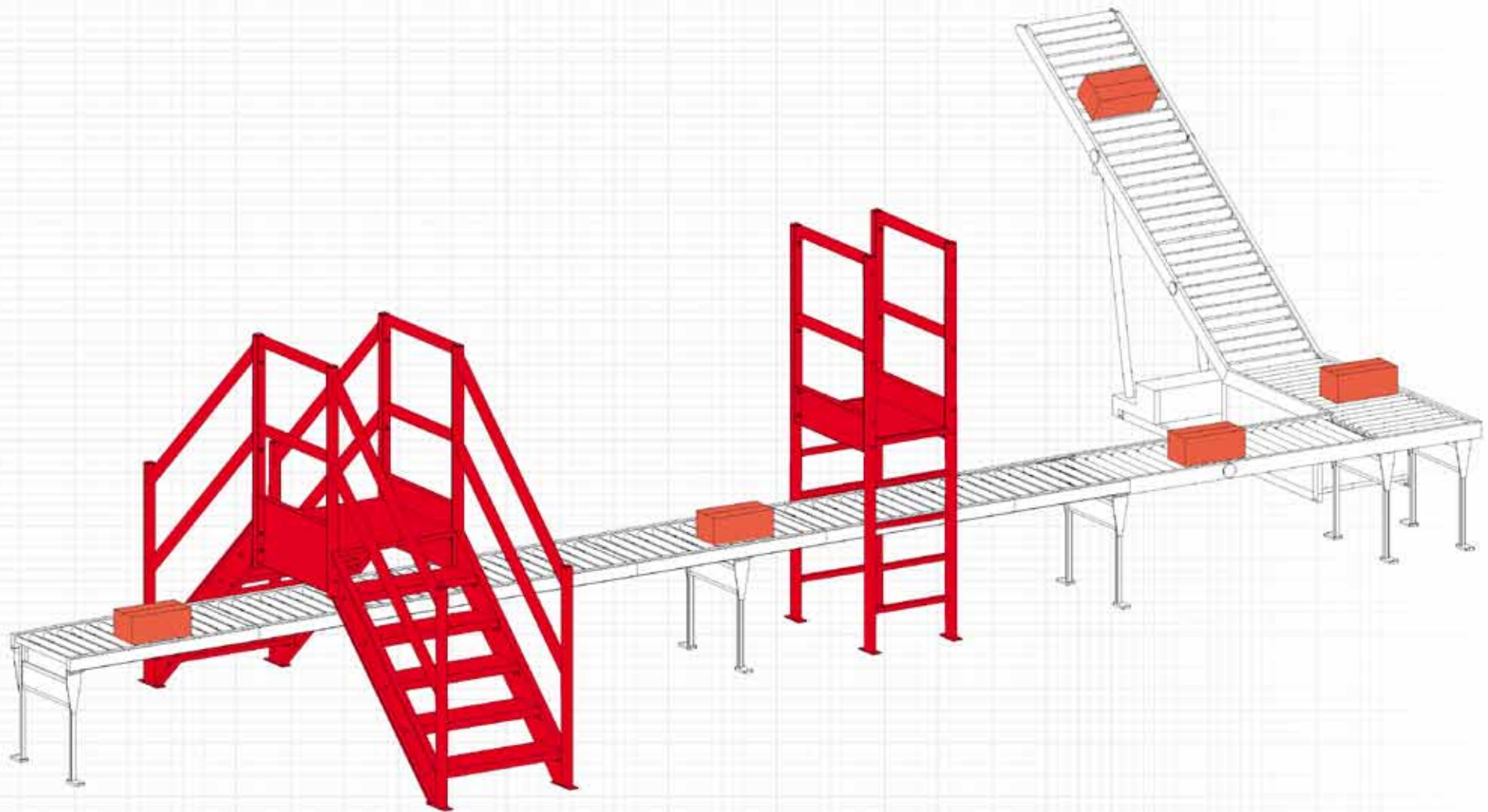
Evacuation staircases must provide a safe and quick escape in the event of an emergency. It must be accessible, easy to walk and reliable. Almacon makes tailor-made evacuation staircases for your building.



### Staircases

The staircase makes several floors accessible with integrated or separate stair towers with a height of more than 20 metres. The staircase is independent and stable due to its suspension. The self-supporting staircase is stable by using bracings.

Almacon can therefore also provide the right solution in earthquake areas.



## Stepovers / Catladders



## THE SOLUTION FOR ACCESSIBILITY...

### Stepovers

In logistic environments and production areas it is often a hustle and bustle: roller conveyors are located in all kinds of places and the accessibility of the different places is often problematic.

In order to easily “cross” a conveyor, Almacon supplies custom-made stepovers: small stairs on either side of the conveyor with or without an interconnection.



### Catladders

We also design custom-made cage ladders (also known as cat ladders) for locations at heights that cannot be reached by stairs due to a lack of space.



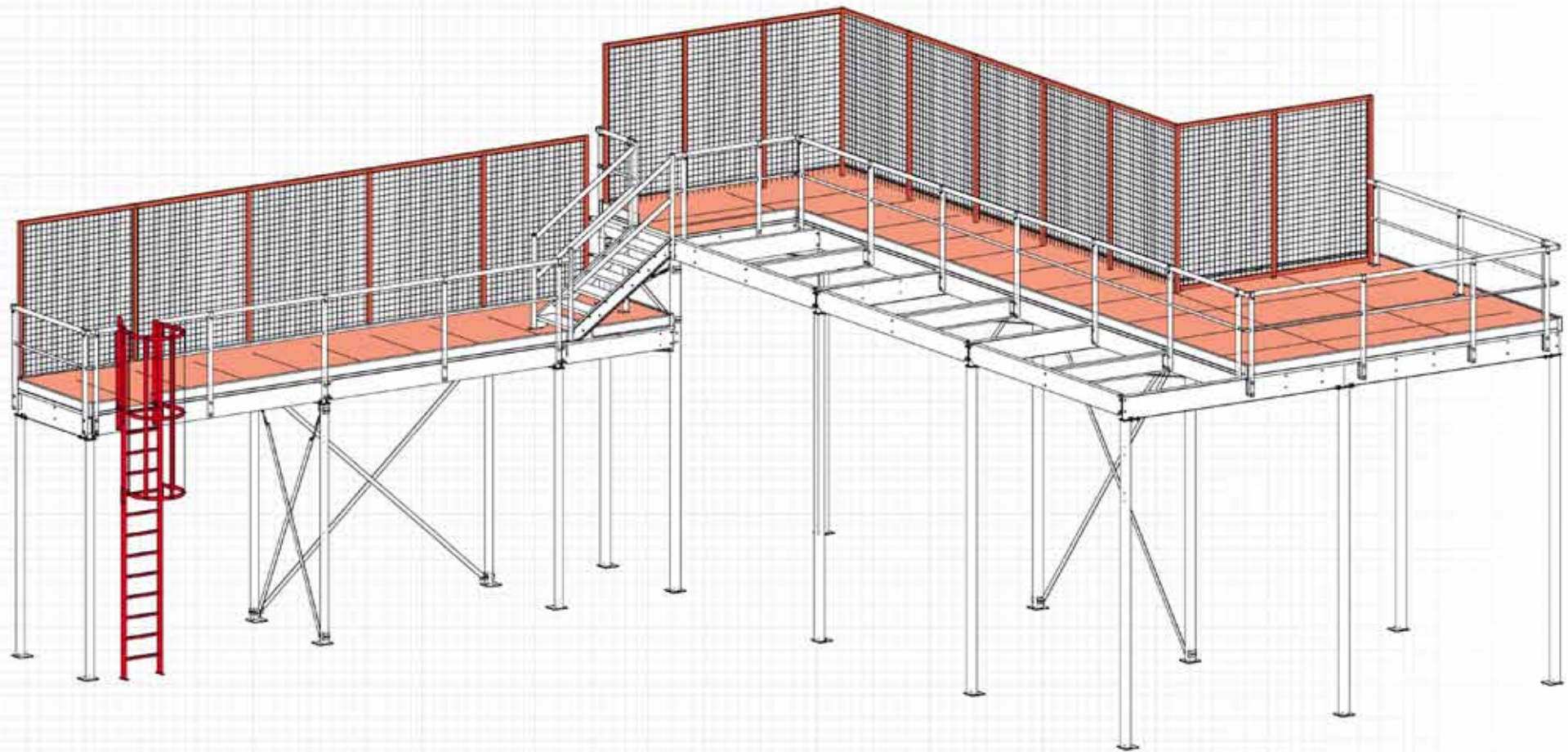
In some cases it is desirable to make the cage ladder removable, foldable or movable. Of course, this is not a problem.



### Ramps

Sometimes ramps are also required in a production or logistics environment. Almacon can supply these in the desired width, length and inclination angle. In wood or grid and provided with a transition profile.





## Fences / Mesh walls



## SAFETY AT HEIGHT...

### Fences

As a rule, the edges of our platforms are fitted with handrails, knee rails and a raised edge. An important aspect of Almacon fencing is that it is usually mounted on the steel structure.

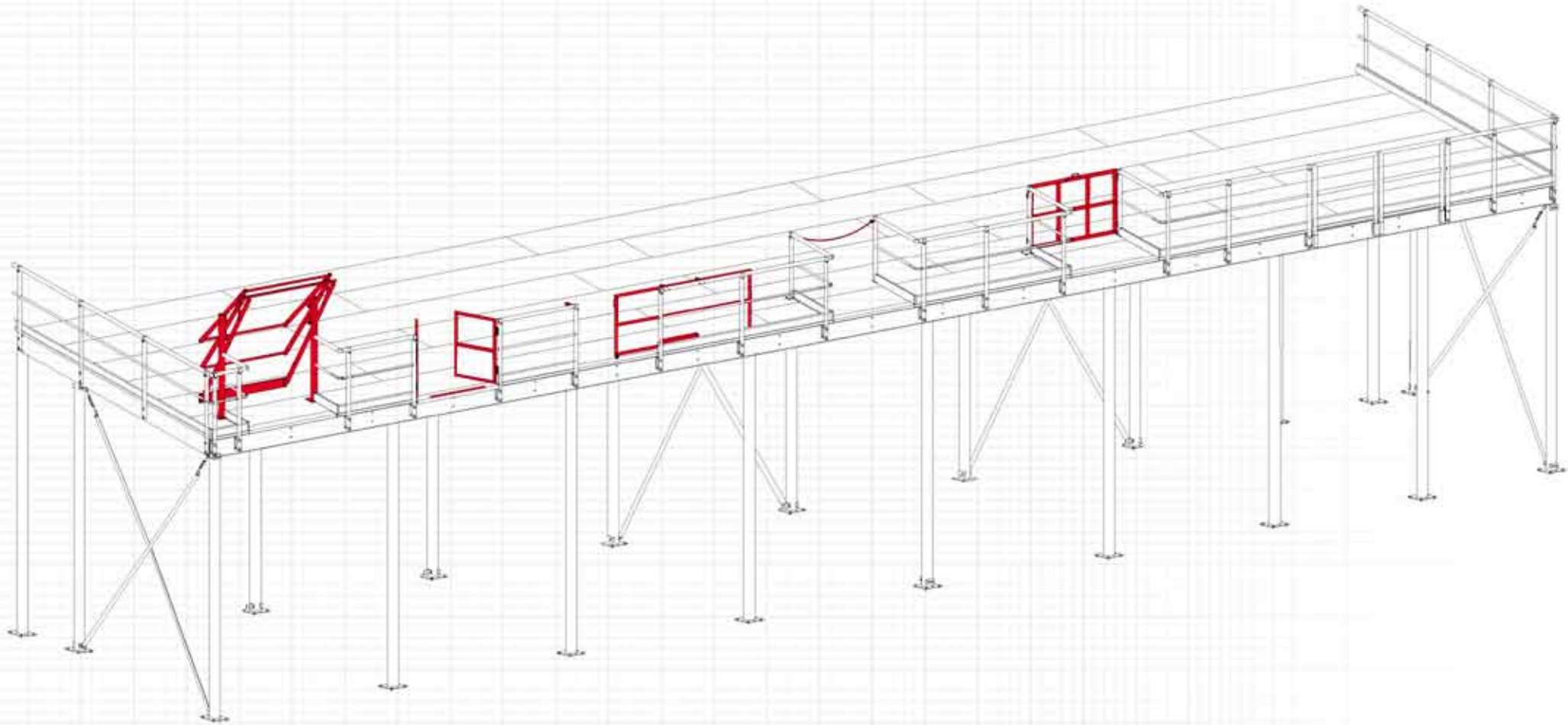
This offers a much more stable and stronger solution than when the fence is mounted on the wood.

A vertical tubular frame is also available for public locations, however, if you would like to install a glass fence, this is certainly possible.

### Mesh walls

In warehouse environments, we also supply mesh walls to prevent access to high-risk locations for unauthorised persons.





## Pallet gates / Safety areas



## WORKING SAFELY ON A FLOOR...

### Pallet gates / Safety areas

For pallet handling, where pallets from the ground floor are placed on a floor with a forklift truck, Almacon offers various possibilities to work as safely and efficiently as possible.

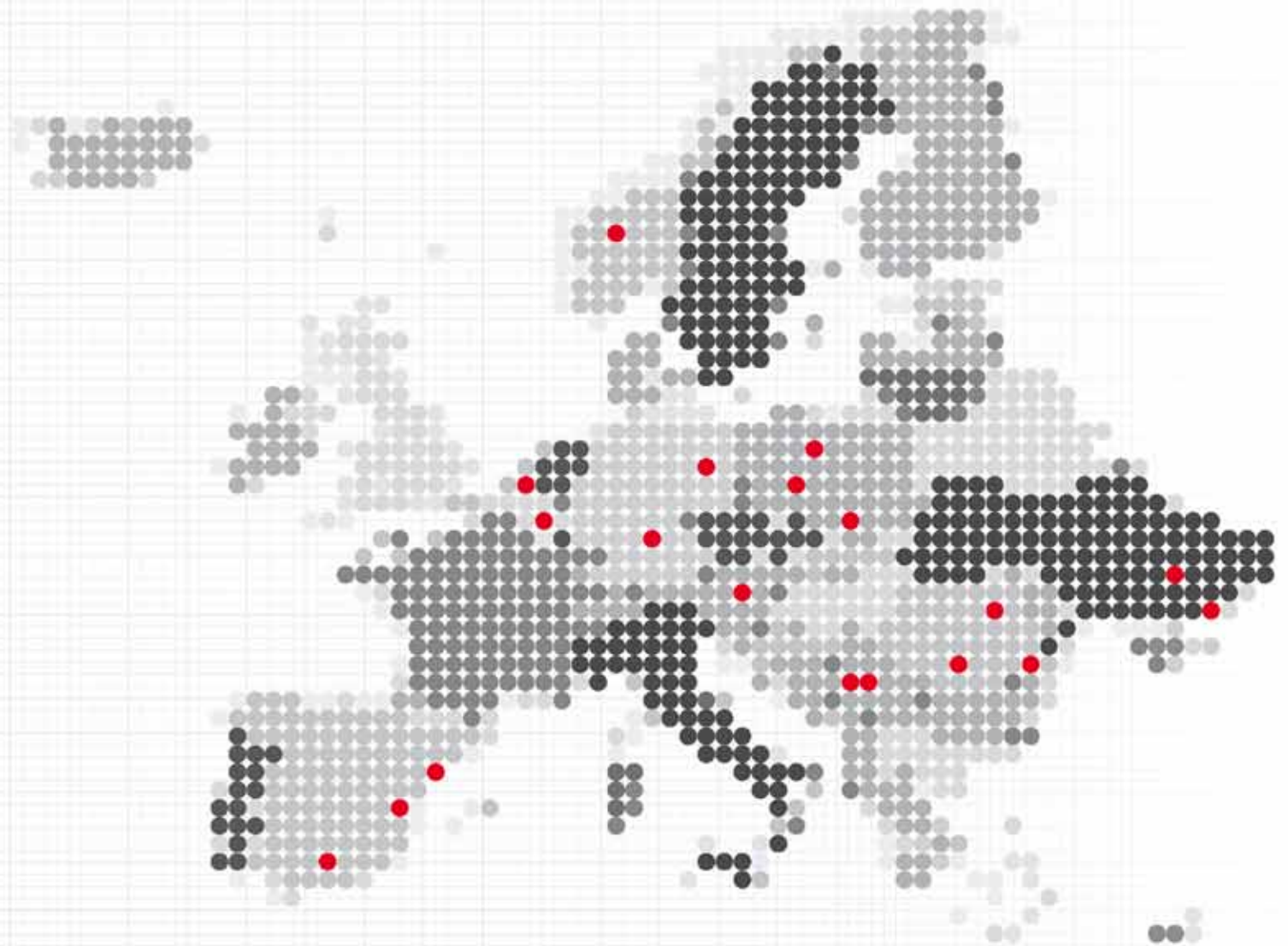
An opening in the fence, for example, is not safe for such a situation. For this there are the pallet gate, a self-closing swing gate and the sliding gate.



Almacon can supply a standard size or design a tailor-made solution.

In this way, pallet handling can always take place in a safe and efficient manner.





## Large-scale Projects / InterContinental



## THE SOLUTION FOR EXTRA SPACE...

### Large-scale projects and service

Almacon has years of experience in the design and delivery of platforms and therefore has a large customer network worldwide. Large-scale projects with professional parties are grateful challenges for Almacon.

Platforms of many thousands of m<sup>2</sup> are no exception when setting up new distribution centres and as an extension to existing locations.

The planning and progress monitoring of such projects are in good hands at Almacon.

We can arrange the transport of the materials to the location or it can be collected from our warehouse.

We also have experience outside the EU in exporting our products, preparing overseas transports and organising logistics right up to the end customer.



## SERVING THE SPECIALIST!

The strength of our product lies in its dimensions. A unique, high-end product with any desired length, width, height and colour. Every project starts with an inventory of needs and from that need, we come up with a solution.

This is usually not a standard solution but a perfect mix of materials to create exactly what the customer needs.



Of course, always with an eye for aesthetic, technological and ecological developments such as robotics, earthquake zones and sustainability. Creative, out-of-the-box solutions and specific customization.

Almaco often literally pushes its boundaries with projects both at home and abroad.

If it is not there yet, we will create it. Where others drop out, we go on.



### Beyond standard

Well thought-out high-tech systems with complex, strict safety and quality requirements that comply with all laws and regulations. A construction that you must be able to walk over but on which a robot must also be able to do its work.

Up-to-date with all technological developments. And it has to be not only very practical to use, but also aesthetically pleasing to the eye. Matching the client's house style, a professional finish and in any desired colour.

Leave that to Almaco!

Born from the idea of realising the optimum solution for the customer, Almaco has been making many floor



and steel constructions for more than 25 years, with which the usable surface of a warehouse can be doubled or even tripled. In addition, complex, static calculations can be made entirely in-house.

Almaco always thinks along with the customer and has a very flexible delivery program thanks to its widely spread supplier network (also internationally). Almaco also has CE certification on all its products.







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