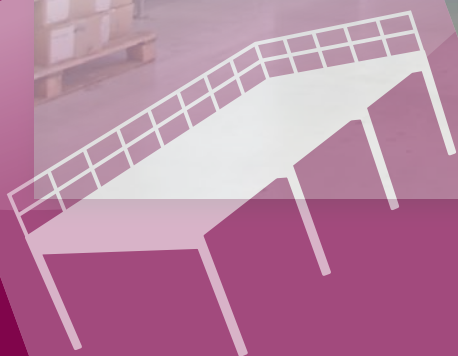


Mezzanine



WELAND

Mezzanine



Increase your floor area with a mezzanine

Weland has a wide range of mezzanines for varying applications. The product is flexible and easy to install. The mezzanine is constructed from standard components, which makes it possible for us to deliver with short lead times.

Mezzanines are a simple and cost-effective method of increasing the floor area of your premises. If the ceiling height is high enough, a mezzanine makes it possible to gain more floor space for storage or production with an additional floor on your premises.

We can help you

We manufacture mezzanines to order based on your specifications.

We will be pleased to answer any queries you might have concerning dimensioning, drawing and planning of mezzanines.





Whereabouts do you want to increase your floor area?

A Weland mezzanine makes it possible for you to build an additional floor – taking advantage of the entire volume of your premises and effectively increasing the floor space of your existing premises. Weland manufactures mezzanines for industrial and public environments that withstand both indoor and outdoor use.

You can combine and shape Weland mezzanines for industrial and public premises to match your needs.

Mezzanines for industrial and outdoor environments are usually manufactured from grating and sectional railing with intermediate rails. This type of mezzanine is suitable for industrial and warehouse premises, fan installations, etc.

For mezzanines for premises, public environments and those that are indoors, you can use various materials. In these environments you can combine materials such as wood, glass and steel. A mezzanine is suitable for offices, store premises, storerooms etc.

Railing systems, staircases and load gates are well-thought-out and proven products that are used by Weland for its mezzanines. Different flooring alternatives make Weland mezzanines one of the market's most flexible mezzanines.

All components are hot-dip galvanised as standard, which makes them suitable for both indoor and outdoor applications.



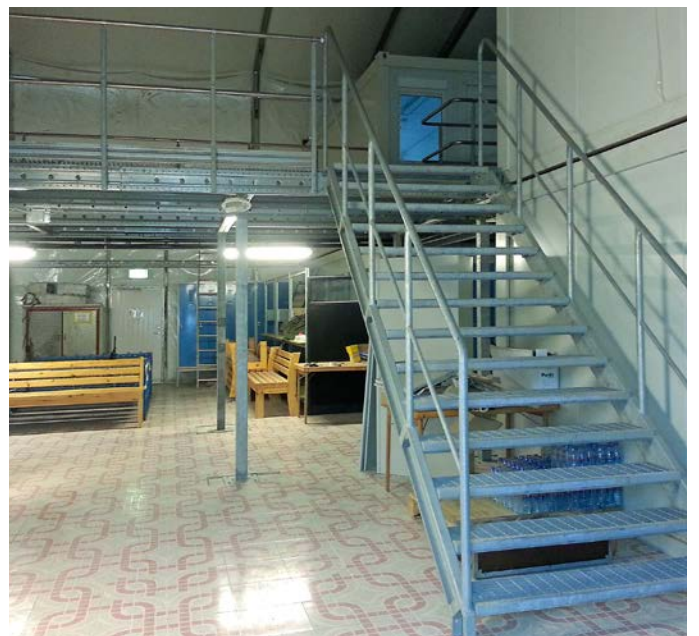
Mezzanines with gates make lifting easier.



Easy to assemble

Weland's mezzanines are built as a cantilevered framework using our very own, in-house produced lightweight Sigma beams. The entire structure is screwed together on site. Well-thought-out fittings and pre-punched holes in the cold-formed Sigma sections allow for fast and simple assembly onto the framework.

The whole assembly is done without any welding.



The mezzanine is constructed from

Mezzanines are constructed from standard components, which makes it possible for us to deliver with short lead times.

Sigma beams

The Sigma beam is the foundation of the floor structure. The Sigma beam has a low weight and high strength. The beams are available in 3 different heights.

The beams have punched holes, which are adapted to our assembly fittings and railing systems. This means that assembly can be performed quickly and easily, with no need for welding. The Sigma beams are so light that lifting tools are frequently not necessary.

Flooring

Depending on area of application and safety requirements, grating, plank type flooring and chipboard are the usual flooring alternatives.

Grating is available in various designs, mesh widths and dimensions depending on your wishes.

Plank type flooring is a completely closed steel floor. Plank type flooring has good anti-slip protection and low weight. Because the planks are closed, insulation can be installed in or under the planks.

Chipboard flooring with direct laminated surface provides a hard-wearing and easily cleaned floor.

Railings

Railings for mezzanines are available in several designs. What railing you need depends on the requirements for children's safety, your own requirements as well as the specific environment where you will build the mezzanine.

Sectional railing with intermediate rails and kick strip is a simple design. Developed primarily for industrial environments. This railing is not childproof.

Round bar, sectional railing is manufactured using round bars as railing infill. The round bar sectional railing is childproof, i.e. there are no openings in the railing wider than 100 mm.

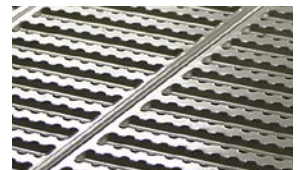
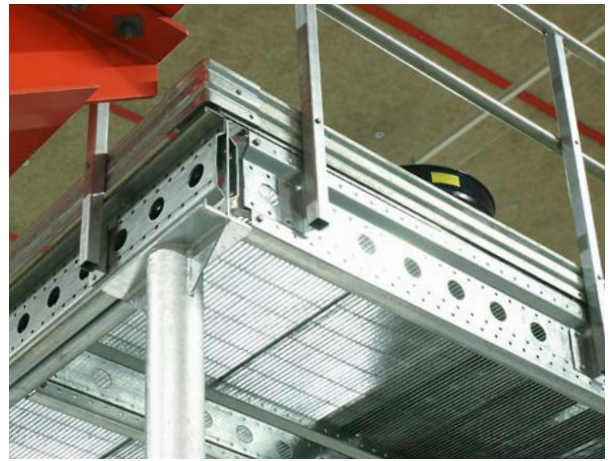
Other kinds of infill such as glass, perforated metal sheet or crenelated mesh can also be manufactured to order.

Staircases

Our experience of manufacturing spiral staircases and straight flight staircases guarantees the best possible accessibility, safety and convenience for the mezzanine.

The staircases for industrial environments are manufactured with anti-slip treads made of grating or durbar plate. For public environments, we have stair treads in other materials such as wood, concrete, etc.

The staircase railing can also be manufactured so that the railing matches the mezzanine railing.



Project planning

We will be pleased to answer any queries you might have concerning dimensioning, drawing and planning of mezzanines. In the following, we have compiled some information that may be useful to bear in mind when requesting tenders and placing your order. If we receive complete supporting documentation, we can give you a prompt tender.

Factors to bear in mind during your project planning

It makes things easier for us if you can provide a simple sketch with measurements and dimensions describing the design you want to order. The sketch of the mezzanine should show where the support legs are to be placed, which sides need railings and if a gate is needed for lifts to the mezzanine. Any point loads must be specified, e.g. heavy objects on support legs which gives a high load on a small area.

- For what purpose does the mezzanine need to be dimensioned?
Pedestrian traffic, storage area, offices etc.
- In what environment will mezzanine be placed?
Indoors or outdoors?
- Is the mezzanine freestanding?
- Which sides connect to a wall?? Can the mezzanine be braced against a wall?
- Where can any cross braces be placed?
- Height to the top edge of the mezzanine?
- Height to the bottom edge of the mezzanine?

- What type of flooring? Chipboard, grating or plank type flooring.
- What type of railing? You can choose from several types of railing. Sectional railing is available with different types of railing infill: Round bar, intermediate rail, sheet metal, mesh and glass.
- Is a gate needed for lifting objects on to the mezzanine? We also have solutions for this.
- Do you want a staircase up to the mezzanine? Spiral staircase or straight flight staircase?

To consider before ordering

Do the dimensions match what the mezzanine will be used for, height, width and length?

Does the load design for the mezzanine match what the mezzanine will be used for?

If you have any questions that still need answering, or if you want to have support and advice during your project planning and ordering, you are always welcome to contact us.



Weland's extensive product range



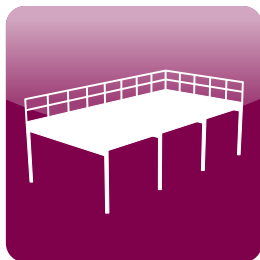
Grating products

Grating | Gangways for disabled people | Fixings
Kerb angle frames | Plank type flooring, slit plank type flooring |
Stair treads and landings



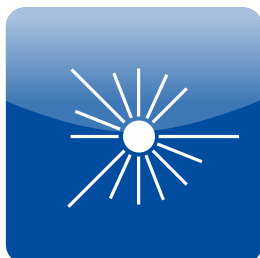
Staircases and railings

Spiral staircases for evacuation and industry
Spiral staircases for indoor applications
Straight flight staircases | Special design and combination
staircases | Railings



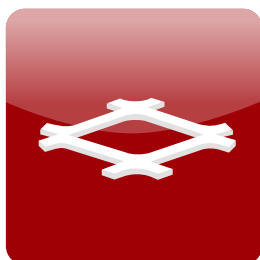
Mezzanines and gangways

Mezzanines | Gangways



Laser cutting and sheet metal working

Laser cutting of sheet metal and tubes | JUMBO laser cutting of tubes
Gas/Plasma cutting | Water jet cutting | Punching,
nibbling and panel folding | Bending | Brush deburring and
grinding | Cutting machining | Robot welding etc.



Other products

Cat ladders | Grating furniture | Tag embossing press
Expanded metal | Cold-formed Sigma beams | Surface treatment
Pallet racks | Cantilever racks | Pull-out units

See more at www.weland.se



Box 503 | 333 28 Smålandsstenar | Sweden
Telephone: +46 (0) 371 -344 00
E-mail: info@weland.se | Website: www.weland.se