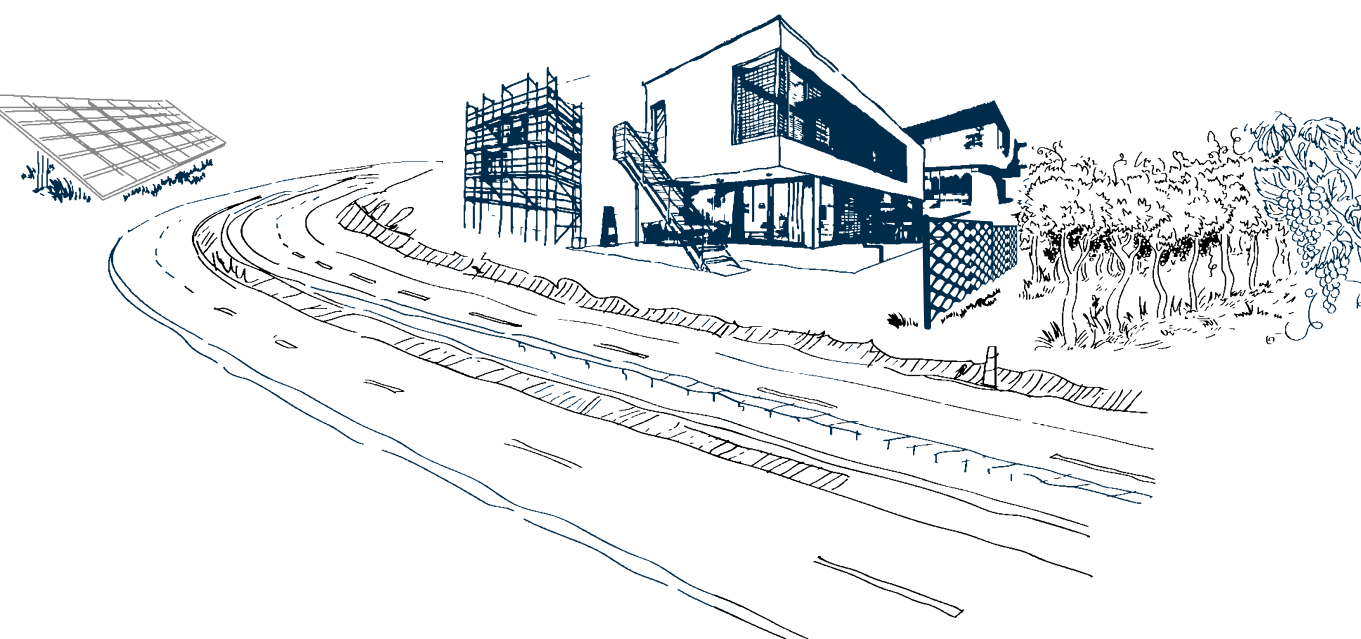


MEISER® Presentation





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Production location Schmelz-Limbach



Production location Oelsnitz

About MEISER

MEISER, founded in 1956, is today a medium-sized, owner-managed family business with its headquarters in Schmelz-Limbach in south-west Germany.

As a steel processing company with a focus on gratings, sheet metal profiles, slit strip, staircase systems and galvanizing, MEISER employs around 4,000 people, over 2,800 of them in Germany. The two main production sites in Saarland and Saxony are complemented by production facilities in Dubai, Hungary, France, Belgium, Egypt, Brazil, Morocco, Romania, the Czech Republic, the USA, Germany and the Netherlands, Romania, the Czech Republic, the USA, Mexico and Turkey. And with numerous other branches, MEISER is represented almost worldwide. Personal support for our customers on site is therefore guaranteed. We guarantee the quality of our products with our own galvanizing plants, slitting plants and cold rolling mills.

Even more than 60 years after it was founded by Edmund Meiser, we are still committed to our origins and our traditional values as a family business. Long-term planning and reliability characterize our daily work, which is supported by flexible and enthusiastic employees as well as modern and highly efficient machinery.

For us, doing business primarily has to do with people. We therefore place particular value on personal and individual contact with you, our business partners and customers. For us, progress only takes place when you, our customer, are satisfied in the long term. The many exceptional projects that we have implemented together with our customers confirm this view.

We look forward to welcoming you as a customer!

GRATING VARIANTS

Creative architects and civil engineers often arrive at surprisingly affordable solutions simply by using the otherwise "unusual" material of grating. It harmonises astonishingly well with wood, glass and stone. The different variations, offered by a variety of mesh spacings can create truly interesting surface structures which, depending on the angle of observation or particular lighting conditions, convey a range of aesthetic visual effects. Visible steel construction is now becoming the style element of the new era. We are always available to assist you to over-come any design queries or concerns.

Over time, MEISER has developed and produced more than 5,000 different types of grating. Most of these versions were created from very detailed specifications by the customer, architect or planning office.

Often, functionality is in the foreground, but not infrequently a certain aesthetic, and sometimes a tight budget sets clear limits. When everything comes together, we speak of special solutions or special gratings, which are a special incentive for us. Imagination and technical know-how are in demand when it comes to full grating, comb grating, finned grating or Tolsun grating.

The presented products are only examples of our extensive range.





Press Locked Grating

The press locked grating is the most commonly used type of grating in many European countries today. Thanks to a production technology which differs significantly from that used for the press welded grating, and which enables a much greater variety of products, this type of grating provides for an almost unlimited number of applications. Its design allows for great flexibility regarding the mesh size and the height and thickness of the bearing bars.

MEISER Press Locked grating can be manufactured from Mild Steel, Stainless Steel or Aluminium. Customer specified material grades can also be offered as necessary. Our production methods guarantee a visually appealing uniform precision mesh size.



Press Welded Grating

MEISER press welded grating is traditionally used in many areas of industry. The continuous welding of each individual intersection point of the bearing bar and cross bar produces an extremely stable and hard-wearing structure. The cross bars normally used in the press welded grating are twisted square wires, which are resistance welded to the bearing bars.

MEISER Press Welded grating is manufactured from carbon steel. The transverse bars are electro-forged into the bearing bars at a pressure of 1000 Kn, whilst simultaneously electrically welding them into one unit. The combination of welded cross bars and bearing bars result in a product made for high torsion rigidity.



Full Press Locked Louvre Grating

The newly developed full press locked louvre grating combines excellent technical qualities with an elegant design and thus offers a variety of new solutions. It offers civil engineers and architects added scope when designing building sun shields, facades and external gangways – without destroying the architectural concept of the building. MEISER full press locked louvre grating is available in steel, aluminium or high-grade stainless steel.



Special gratings

MEISER can supply a wide range of grating types. Contact any of our sales offices to discuss your requirements and find the best solution for your project.



MEISER Press Locked Grating (Biggeblick, Attendorn)



SHEET METAL PROFILE VARIANTS

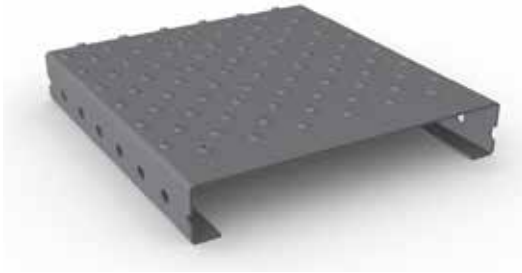


In many applications it is essential to guarantee high levels of safety and stability. The wide range of surface configurations offered by MEISER profile planking ensures all anti-slip requirements can be satisfied. Our metal profile planking is aesthetically pleasing and used extensively both in industrial applications for walkways, platforms and stairways and in architectural applications for solar protection and building facades.

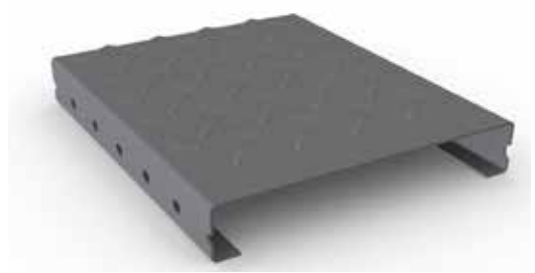
The presented products are only examples of our extensive range.



www.meiser.de/en/profile-planking.html

**ADERSTEP N**

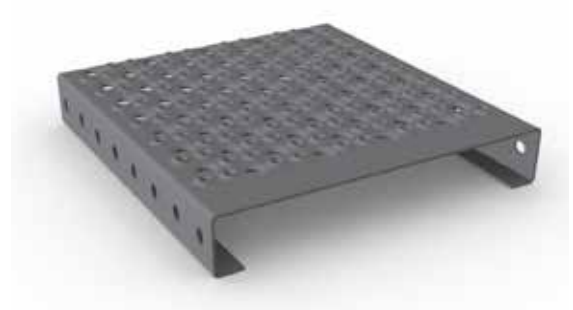
Slip-resistant surface with upward punched holes.

**STEPLARM G**

Closed corrugated surface, the pattern is similar in form to that of chequer plate.

**STEPBLOC F**

Slip-resistant surface with both upward punched and raised perforations.

**FORMSTEP N**

Anti-slip surface with perforations that are small at the top and large at the bottom. Stairtreads for spiral staircases are available in all versions of FORMSTEP.

**STEPPLUS N**

Surface structure comparable to non-slip steel flooring.

**STEPHUIT FH**

State-of-the-art transformer tray covering!

Stephuit FH has been thoroughly tested for its effectiveness in mineral oil fires and certified by the Leipzig Institute for Materials Research and Testing (MFPA). This plank is therefore particularly suitable for installations at risk of fire, for example as transformer tray covering.



STAIRCASE SYSTEMS

Our stairs department specialises in the production of straight, multi-flight or winding/spiral access stairways. We offer the complete range of stairs from outside fire escape and industrial stairs to architectural high-end internal stairs.

The presented products are only examples of our extensive range.



www.meiser.de/en/staircases.html



The fire-escape staircase

This fire-escape not only meets all legal and building regulations but is also an aesthetic architectural feature of the building.

Winding/spiral staircases

Winding/spiral staircases offer a larger diameter and wider surface to their steps. The modern winding/spiral stairs impress by their elegant design, the subtle interplay of shape and material.



Straight staircases

Straight staircases offer architectural solutions which would be unthinkable using different techniques, or which could only be realized by complicated calculations, excessive amounts of material and high costs.

GRP-PRODUCTS

GRP grating (glass fibre reinforced plastic grating) is specially developed for industrial and public service use where corrosion resistance is especially important. It can be installed quickly and easily and ensures increased safety and comfort.

The presented products are only examples of our extensive range.



www.meiser.de/en/grp-systems.html



Moulded MEISER GRP grating is usually of square mesh.



Pultruded Grating: The alternative for high loads with low weights. They are available in a range of different patterns, depths, spacings and colours.



The MEISER GRP handrail is available in two types, both types can be supplied for either platforms - horizontal type, or stairways-raking type.



GRP Ladders: MEISER GRP ladders meet NFE 85-010 and EN 131 standards.

FALL PROTECTION MATS

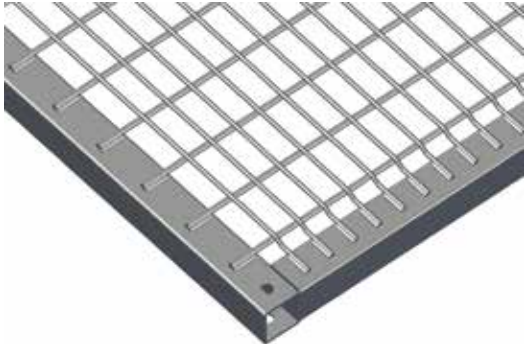
MEISER fall protection elements are the ideal solution for covering large areas such as false ceilings, defining the edges of platforms and enclosing conveyor systems. They consist of a load bearing tubular frame and welded-on mesh grid. The tubular frame type and the size of the mesh grid are usually defined in the factory standards of the individual automobile manufacturers.

Our state-of-the-art production comprises the manufacturing of the wire mats, the cutting to size of the pipes and the robot welding of the elements. The welding by means of a robot ensures a constant high quality while assuring short delivery times.

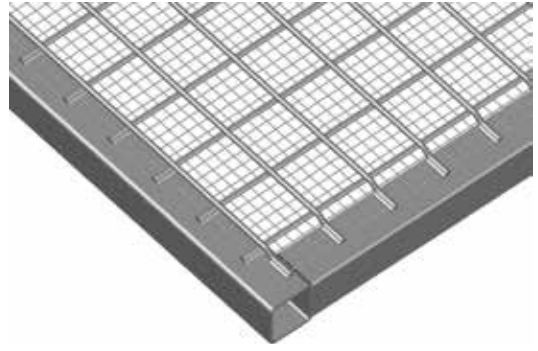
Make a non-binding enquiry and become convinced of our performance.



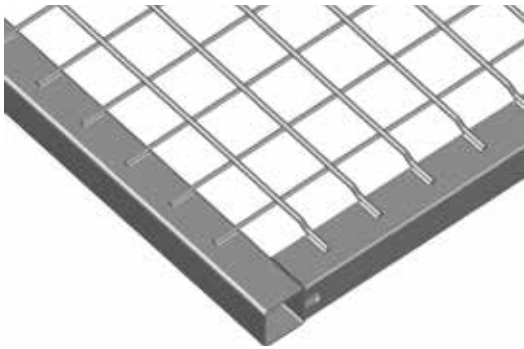
www.meiser.de/en/profile-planking.html



Fall protection mats System Audi/VW



Fall protection mats System BMW



Fall protection mats System Daimler

In the automotive industry, so-called fall protection mats have established themselves as a mature solution for securing and access to production lines. MEISER supplies all leading car manufacturers, such as Audi, BMW, Mercedes, VW, in accordance with the applicable standard.



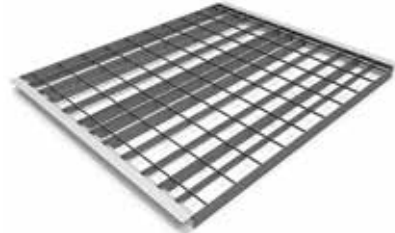
SHELF GRATING

MEISER shelf grating have decisive advantages over other shelf coverings in logistics systems. In addition to their durability, light and water permeability are particularly noteworthy. This is an important factor when using sprinkler systems. The high transparency of the grating allows a high incidence of light and thus brightness in the logistics system; in addition, the shelf occupancy can also be seen from below.

Sophisticated detail solutions facilitate the installation of the gratings and offer an additional, integrated benefit.

Do you have special requirements for your MEISER shelving? Contact us, we have the perfect solution for you!





Loose fitting on top of supports shelf grating with notched T-shaped section banding bars

This is the standard design, which can be manufactured at low cost and which is suitable for various shelves of the same depth, but with different cross-members.

Shelf Grating MEISER Modul

Precise loading conditions and allowed payloads are already known. The modules are optimally designed for the use of euro pallets or half euro pallets, placed lengthwise or crosswise, and different, evenly distributed payloads.



Expanded metal

The locksmith's shop SORST, originally founded by Wilhelm Sorst, was split into two business units in 1998. Since then, Sorst Streckmetall GmbH has taken over the production of expanded metal and is now located in Wohlenbergstraße in the north of Hanover. Today, as a medium-sized company with a team of about 65 employees, we produce almost 6000 tons of expanded metal per year.

From automotive to furniture to sound insulation - we produce expanded metal for numerous areas of application that are used worldwide. Along the way from the idea to the finished product we accompany our customers through personal and individual contact from our specialists.

Every challenge is a further incentive for us to efficiently apply our knowledge and technical know-how in a wide range of industries.





AUTOMOTIVE

From loudspeaker to car radiator cooler: Expanded metal is used not only for its decorative properties, it is also used in the automotive sector because of its outstanding decorative properties. It is also a high-quality plastic substitute, offers reliable protection of the radiator from stone chips and can even be used as a filter in the car's oil circuit, that will significantly increase the lifespan of the engine.



FILTRATION

Expanded metal is ideal as a support material for filter media.

Due to the many variations of the open area, the filter material, flow rate and the sizing can be precisely influenced with simultaneous stability of the filter body. We develop the mesh dimensions and size of our filter elements together with our customers.



BUILDING

Expanded metal is used in construction often to optimize objects technically – as lost concrete, suspended ceilings, sun and wind protection or rail filling. It can be used to help stabilize or protect other component. But also for aesthetic reasons it is often used in shop fitting or fence construction.



ARCHITECTURE

Expanded metal is ideal for facade and ceiling design and as sun protection. It gives the building a modern and exclusive touch. Numerous other possibilities in the architecture sector are, for example, balustrades, banisters or shop and trade fair constructions. Compared to many other materials expanded metal has a big advantage because it has low cost and is very versatile. Because of the high open area, expanded metal is light and thus place lower demands on the substructure. Furthermore, it has a high degree of inherent stability.

Scaffolding Solutions

The Saxon scaffolding manufacturer ALFIX becomes a 100% subsidiary in 2019. With more than 60 years of experience, the ALFIX brand stands for scaffolding solutions bearing the mark "Made in Germany". With constant innovations and fair prices ALFIX scaffolding systems developed to be an established brand on the European market. Like MEISER, ALFIX is building its business on motivated and well formed employees who ensure customer proximity in internal and external work. Thanks to continuous research and development activities, products produced by MEISER and ALFIX continue to set new standards.

This means that our customers are „ALWAYS WELL STOCKED“ in the future, too.
You can find more products and information at:



www.alfix-systems.com/en



FACADE SCAFFOLDING SYSTEM

ALFIX façade scaffoldings are frame scaffoldings which, by definition, consist of prefabricated components. The horizontal and vertical supports of such scaffoldings are fabricated as frames. The DIN EN 12810 standard also refers to this scaffold type as modular system scaffolding. Depending on the number of prefabricated components, modular system scaffoldings are also called quick-assembly scaffoldings.



MODULAR SCAFFOLDINGS

In accordance with the DIN EN 12810 standard, ALFIX modular system scaffoldings are also defined as system scaffoldings. The advantage of the modular system scaffoldings MODUL MULTI and MODUL METRIC is that they can be easily adapted to very diverse building structures thanks to the modular connector node, also known as rosette. This is a rosette with 8 openings for connection of ledgers and diagonal braces at any angle. The 4 smaller openings in the rosette allow for right-angled connections of the ledgers.



ALFIX MOBILE SCAFFOLD TOWERS

Stable, robust, flexibly usable... are what ALFIX mobile scaffold towers stand for. All mobile scaffold towers are built from aluminium and are therefore extremely lightweight. ALFIX mobile scaffold towers can be assembled tool-free.

For further information, please refer to www.alfix-fahrgerueste.de



ALFIX TEMPORARY ROOF VARIO

The ALFIX Temporary Roof VARIO helps avoid all this. Whether you renovate or reconstruct buildings, in building and road construction or for civil engineering, or whether you work with stationary or mobile scaffoldings: a stable working climate can be ensured regardless of the weather.

For further information, please refer to www.temporary-roof.com

Viticulture Supplies

MEISER's vineyard fence post division includes leading companies in the industry. The products of Profil Alsace, artos and Piquets Julien shape vineyards from Sicily to the Middle Rhine. With over 20 years of experience, we develop our products hand in hand with winegrowers. The result is our individual hook technology, suitable for every location. With us you will find your optimal solution for viticulture and orcharding. Row posts with internal and external hooks, end posts as well as barrel hoops. You can find out more under:



www.artos-meiser.com/en/homepage.html

www.profilalsace.com

www.piquets-julien.fr/en/

fassringe.meiser.de/en/



MEISER Barrel hoops

MEISER PLUS is a refinement of our hot-dip galvanised steel strips for the barrel industry. The special knurling of the inside of the strip creates a unique surface structure. An impression is rolled into the zinc surface without reducing the corrosion resistance. MEISER Plus guarantees a secure hold of the barrel hoops on the ground wooden planks of the oak barrels.

the brand of professionals

artos - the brand of professionals

In Rhinehesse, the largest vineyard region in Germany, vineyard managers and technicians worked together to develop the artos product range. This led to the creation of artos trellis systems.

These trellis systems are made up of intermediate posts and end posts – with both internal notches and external hooks which guarantee the best support for trellis wires. Encouraged by the success in the German vineyard regions, we present to you the artos trellis systems; a product « Made in Germany », in partnership with our manufacturer MEISER, which for over 20 years has been producing posts for applications that stretch past European borders.



Profil Alsace

Profil Alsace

The Profil Alsace/Dr. Reisacher group of companies, based in Alsace, has been manufacturing high-quality steel profiles for viticulture and horticulture for over 30 years.

As the leading manufacturer in Europe, not only do we offer our customers competent and comprehensive support in over 26 countries, but we also work with them to find the best solutions for viticulture and specialised trellis systems. We have developed custom made profiles to meet all possible demands and we work consistently with winemakers from various regions to achieve this.



JULIEN SAS

For more than 30 years, Julien S.A. in Cairanne has stood for ever more functional and innovative vineyard poles. From the heart of the Côtes du Rhône vineyards, Julien has established itself throughout France and has an international presence. Know-how and experience have turned the complete Julien range into a quality standard on the trellising market.

Road Safety

MEISER Straßenausstattung GmbH has been concerning itself with the development, production and global distribution of diverse restraint systems since 1984. Our product range meets all demands which are placed on modern restraint systems – both on motorways and Federal and B-roads. Steel guardrails lined with wood, steel barriers for the protection of construction sites and noise protection walls round off our delivery options.

We ensure the continuous improvement of our products and develop special solutions in dialogue with our customers. The top priority is always the protection of road users. With our own assembly teams we can guarantee the professional assembly of our products everywhere.

The quality of our production is ensured by the certification according to DIN EN ISO 9001.

Get in touch with us - we will convince you of our efficiency.



strassenausstattung.meiser.de/en/
www.bbv-unternehmensgruppe.de



Vario-Guard®

VARIO-GUARD® provides a positive crashworthy barrier between traffic and work force. The barrier is only 400 mm wide, excluding the base, which is designed for traffic to drive over, making it especially suitable where road space is limited.

Due to its high performance, VARIO-GUARD® is suitable for use as a median barrier in hazardous road sections. With its system height of 900 mm in conjunction with reflectors, VARIO-GUARD® has good protective and conductive properties and thus contributes significantly to reducing the number of accidents. MEISER Straßenausstattung also offers VARIO-GUARD® quick-release emergency gates.



Super-Rail

Depending on the selected system, SUPER-RAIL meets the requirements for containment levels from H2 up to H4b in accordance with EN 1317. The working width is from W2 up to W7. The envisaged ASI A is achieved where the local conditions do not require an ASI B.

SUPER-RAIL is a system consisting of two continuous box beams and one profiled beam (grid profile 4000mm) with A- or B-profile. The profiled beams are mounted to the lower box beam by deformation tubes.



Eco-Safe

ECO-SAFE is the high-performance product line for containment levels L1, H1 and N2 in accordance with EN 1317. The working width is between W1 and W5, depending on the version. The aimed ASI A can even be met for installations on structures.

ECO-SAFE is designed as a one-sided protective device and is intended for use both on the roadside and on bridges.



Protector

In the event of a frontal crash, the Protector prevents vehicles from sliding, thus minimizing a significant danger in road traffic. The tested start and end construction combines state-of-the-art technology with easy handling.

The Protector can be installed quickly and easily by pre-assembling it in two components. Particularly in regular road traffic, the protective device is maintenance-free, but even after an impact the repair is little time consuming.

MEISER Solar

As a specialist for ground-mounted PV systems, MEISER manufactures individually designed mounting systems. Our experienced project planners and engineers deliver custom-fit solutions for your project. With our large assembly capacities, we have already realised projects with a total area of more than 200 hectares.



solar.meiser.de/en/

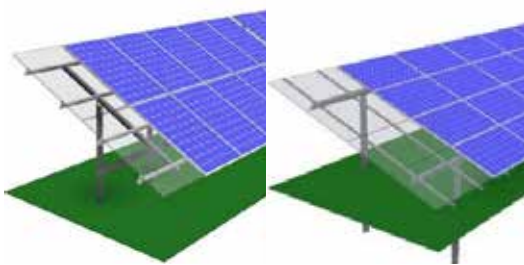


Steel systems for multi-megawatt power plants
 With these dimensions, project-specific mass production of steel components makes economic sense. Production is inexpensive and so fast that large construction sites can be supplied just-in-time. The strip-galvanised starting material runs from large coils into the production's own punching unit, where project-specific perforations are made. This eliminates the need to mark and drill holes later on the construction site to make joints and connections.

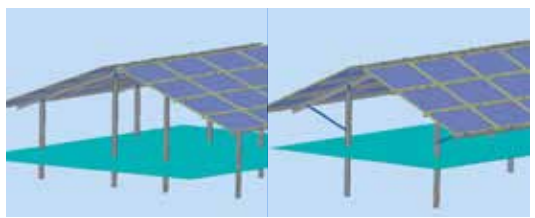


Aluminium systems for medium-sized and smaller plants

In the smaller megawatt range, aluminium constructions usually lead to better system prices. Start-up costs are lower. In addition, the low weight makes the use of machines - not always available on smaller construction sites - largely unnecessary during installation. Standard steel cross-sections are only used for the pile-driven foundations (load-bearing base material). Otherwise, project-specific engineering remains economical. For anchoring the aluminium systems in the ground, a Sigma profile known from crash barrier construction is used. It offers a good combination of bending load capacity and foundation strength, is inexpensive and is manufactured in the company's own production facility.



Steel system - SINGLE AXIS OR DOUBLE AXIS
 In the single-axis version, the system accommodates 1 or 2 rows of standard modules installed vertically and 3 rows installed horizontally. In the two-axis version, up to 4 rows of modules vertically and 6 rows of modules horizontally are possible. Under standard conditions, spans of 4 metres can be spanned, under favourable conditions up to 6 metres.



Orientation of the module tables
 Both variants also allow east-west orientation. Module inclinations of up to 30° are created in the single-axis set-up via the telescopic diagonal brace, and in the double-axis system via different post lengths and pile-driving depths.

Production sites

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