30 YEARS OF

DESIGN, ENGINEERING, FABRICATION AND INSTALLATION OF STEEL STRUCTURE SPATIAL SOLUTIONS

schwarzmann®

About us

SCHWARZMANN HAS BEEN DESIGNING, MANUFACTURING AND ASSEMBLING PREFABRICATED STEEL-STRUCTURE BUSINESS AND PRODUCTION BUILDINGS AND FACILITIES SINCE 1993. MORE THAN 2,200 SCHWARZMANN BUILDINGS AND FACILITIES HAVE BEEN BUILT IN 25 COUNTRIES AROUND THE WORLD IN JUST THE LAST 20 YEARS.

We utilise steel structures to cover infrastructure buildings, production buildings and sales premises that companies need to further grow and develop their business activities. Since all our facilities are tailored to the investors needs based on location and purpose, they are present in virtually all industry segments throughout Europe and beyond.

Our customers receive comprehensive project management solutions from idea to implementation within the agreed time-frame and at the agreed price.

Facts and numbers

Owned production facilities

6.500m²

Owned storage facilities

1.500m²

Employees

75

Subcontrators

50

Buildings realized in 2021

74.800m³

Schwarzmann buildings realized in 2021

89

Industries

Manufacturing

Logistics and transportation

Waste management

Car dealerships

Aviation

Warehousing

We specialise in

Fabric structures

Steel panel buildings

Aircraft Hangars

Schwarzmann X®

Fabric structures

Fabric structures are prefabricated structures covered with a durable PVC membrane. The project process is adapted for simpler implementation, since all elements of the structure are already finished in the production phase and are only fitted into the final structure of the building on location. The materials and method of execution thus enable us a much faster installation than concrete buildings or panel-clad steel buildings. The site and foundation preparations are also relatively simple and affordable.

For companies that are expanding their business and need more storage space as soon as possible, a fabric structure has many advantages due to the speed of implementation, large spans with no intermediate support columns and long service life.

Steel structure panel clad buildings

Schwarzmann prefabricated steel panel buildings are insulated steel structure buildings that can be used for a variety of applications and are suitable for any industry.

Our project process is comprehensive as it covers phases from design, planning and manufacture to installation of the steel structure panel clad building.

During the planning phase, close cooperation with the investor is required to obtain sufficient information about the facility and any additional equipment needed. All this is required to conduct a structural analysis of the building model by our structural engineer, which acts as a basis for preparing the offer.

Aircraft Hangars

Schwarzmann aircraft hangars are always custom-made and designed from the beginning in close cooperation with the client, as the type of aircraft that will be stored or serviced in the hangar dictates the dimensions and equipment of the facility. The purpose of use determines the various properties of the hangars, such as materials, door dimensions, insulation, and accessories, i.e. mechanical and electrical installations.

Aircraft hangars are designed, manufactured, and installed as steel structures covered with insulation panels or PVC membranes. Due to the demanding service activities as well as sensitive and expensive spare parts, hangars for aircraft maintenance and storage usually require a controlled environment with a constant temperature. Thus the building needs to be isolated and have a built-in heating and ventilation system.

Schwarzmann X® fabric structure

Fabric structures have been steadily increasing their share of all industrial facilities over the last 50 years. There are many reasons for this: shorter delivery times, anchoring system which allows fastening on tarmac or gravel, simpler licensing procedures, the possibility of relocation, and the cost of investment. The modern business environment requires a rapid response to market changes and the increased demand for new covered spaces for production and storage.
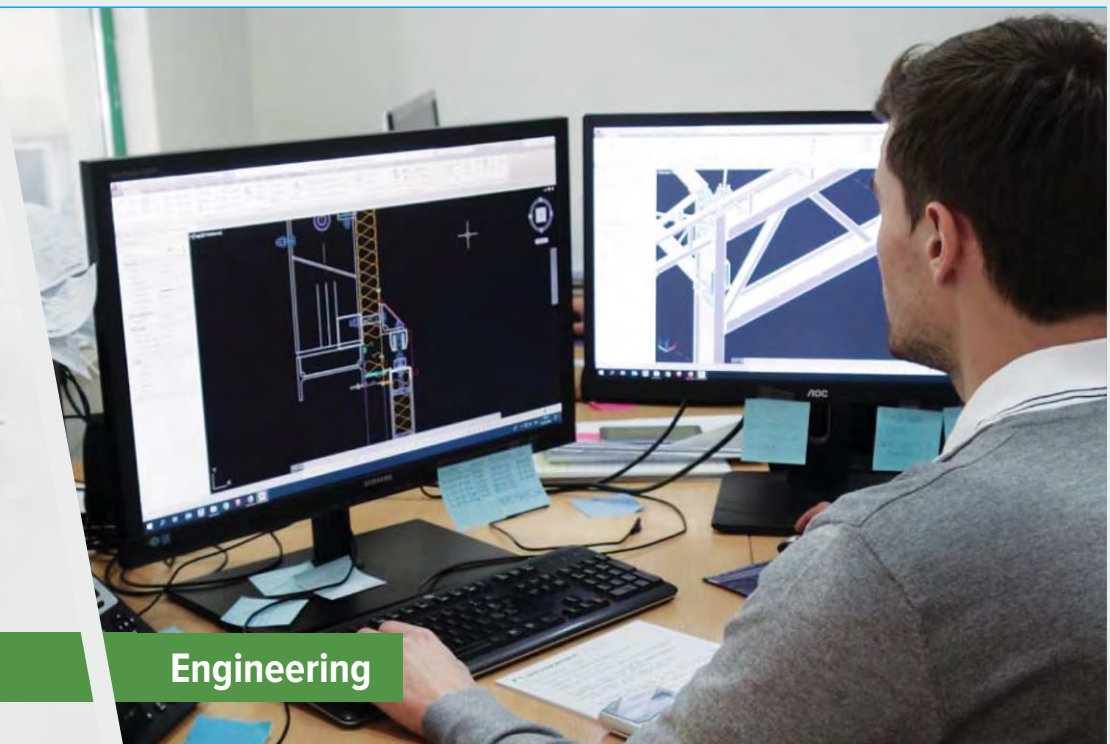
Over the course of 25 years, Schwarzmann has developed and produced many different types of fabric structures. At this opportunity, we are presenting a technical innovation on the market: a flat-roof fabric structure (The roof pitch up to 2°), called the Schwarzmann X®.

Schwarzmann X is a result of our company's R&D and represents an innovation on the market and we have therefore protected it under the EU provisions of Design protection.

Project phases

Design

Engineering

Fabrication

Installation

Project phases

DESIGN

Inquiry containing key information on client's preferences

Coordination of details with the client at the installation site

Non-binding offer and 3D **project dravings and visualisations**

ENGINEERING

After the offer is retained by the client, structural analysis is carried on

Client confirms any potential changes to the project plans

Order confirmation is issued after receipt of first payment instalment

No more changes can be made to the project plans, unless ordered separately

FABRICATION

Cutting and welding of steel structure elements

Hot-deep-galvanization of steel structure elements

PVC membrane cover or insulated sandwich panels are prepared for installation

Client prepares the site for installation at least two weeks prior to start of the installation and sends us a written statement of completed preparatory works

INSTALLATION

Delivery of materials to the installation site

Steel structure installation works begin

After steel structure had been erected, either insulated panel cladding or PVC membrane cover are installed

Installation is completed after **inspection and signed Acceptance protocool** by the client and supplier

Production facilities

CNC plasma cutting

Steel cutting line

Steel welding

Membrane welding

References

sto   brantner   Austroflex®   PICHLER
Lüftung mit System.

VÖSLAUER   ENGEL   M MAPLAN   FIAT

rethink. stoaenso   SWIETELSKY   KIBAG   Bau MIT baumit.com

KONRAD PISTOLNIG   gorenje   elan   Moser

ALPLA   HOLTER   BRAMAC   FLUGHAFEN GRAZ und so nah ist die Welt

DSV   DYNACAST SOLUTIONS MADE SOLID   FELBERMAYR www.felbermayr.at   HELLA

Danfoss   fibran®   REMA Verlefs GmbH   KNAUF

SPAR   LIEBHERR   novacarb novacap group   RAUCH

Saubermacher   PET PET 10   SIEMENS   LZS.at

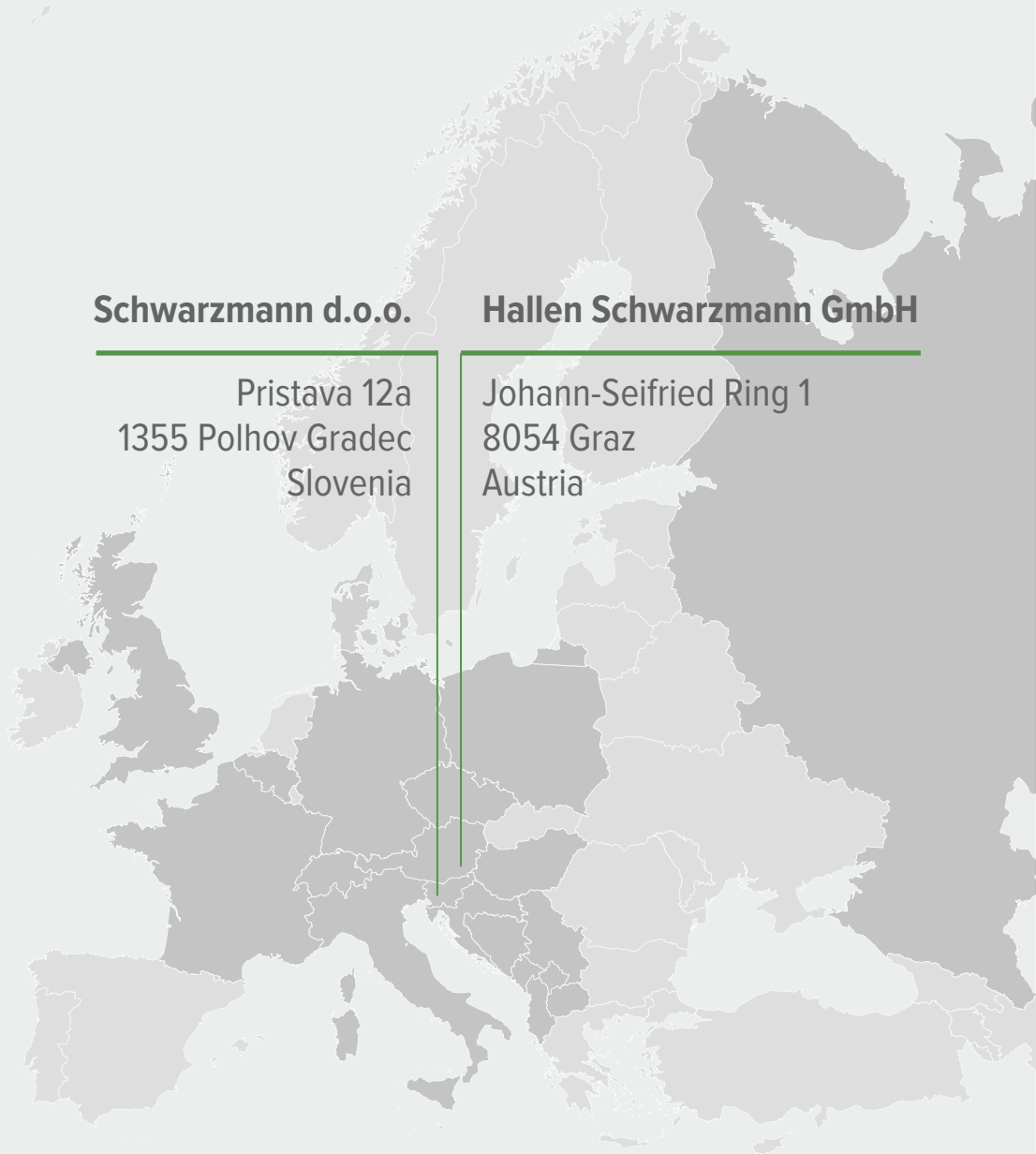**Schwarzmann d.o.o.**

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Market reached: Austria, Belgium, Denmark, France, Germany, Italy, Switzerland, Croatia, Czech Republic, Poland, Slovenia, Serbia, United Kingdom, Kosovo, Montenegro, Albania, North Macedonia, Bosnia and Herzegovina, Russia, Australia, Brazil, Indonesia, Senegal, Sierra Leone...

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Thank you for your time.