

MODULAR®
Innovative Hall Systems



**MODULAR
BUILDING
SOLUTIONS**

IMPRESSIVE QUALITY



INDUSTRY



COMMERCE



WOOD INDUSTRY



LOGISTICS



SPECIAL DESIGN



RECYCLING



AGRICULTURE



SPORT AND FREE TIME

FIELD OF APPLICATION
INDUSTRY



MODULARITY AT ITS BEST

For the industrial sector, MODULAR hall systems offer process- and demand oriented structures with enormous span lengths and eaves heights. The efficient support structures combine competence in steel construction and surface fabric - membrane construction.

Needs and process oriented solutions are worked out in cooperation with architects and planning offices. This results in financially and ecologically sound buildings, tailored to the needs of the customer and the project.

Permanent, temporary, and relocatable structures are possible.

Overhead cranes connected to the steel construction for process-oriented solutions can also be implemented with MODULAR.

The freely suspended constructions from 12 m to 80 m with eaves heights from 4 m to over 12 m characterize the standard delivery program of the industrial hall and the commercial hall. In addition, special solutions and process-oriented solutions are possible. The hall lengths are freely selectable. The steel framework construction is realized in high-quality hot-dip galvanized versions and, upon request, also with at least 80 µm for use in corrosion protection class C4 for industrial or coastal atmospheres.

The areas of application of the MODULAR industrial halls extend to the areas of industrial production, manipulation, storage of substitute materials, salt and fertilizer storage, soil replacement, and recycling.





FIELD OF APPLICATION COMMERCE



YEARS OF EXPERIENCE AND TRUST

Commerce represents the largest range of uses for the arched and gabled halls from Modular. Flexible anchoring on asphalt and concrete, optimally coordinated ventilation, and the various door variants enable financially viable systems with large span lengths.

Customers value the versatile, needs-oriented MODULAR solutions in the commercial sector in the areas of storage, logistics and manipulation of all kinds. MODULAR guarantees quality and sustainability with its own planning and project management, production, and assembly.





FIELD OF APPLICATION WOOD INDUSTRY



WOOD STORAGE WITH CONTROLLED VENTILATION WITHOUT FOG INLET

Halls from Modular are particularly suitable for storage goods such as wood, cardboard or paper; materials that are sensitive to moisture. A closed modular wood storage hall enables a dry, self-sufficient indoor climate. Mechanical ventilation using axial fans and humidity sensors is considered as standard equipment in closed MODULAR halls. With this type of ventilation, MODULAR prevents condensation through targeted and controlled circulation in the interior of the hall, preventing the ingress of fog or moisture through with wind nets.

This technical advantage is particularly evident in the wood and paper industries.

Due to the controlled ventilation, MODULAR halls are also used successfully as a backdrop for the large stages in Vienna (A4A) and the Salzburg Festival.

The hot-dip galvanized steel framework system in accordance with DIN EN ISO 1461 also guarantees a longer service life than the external painting, varnishing or coating of the steel framework. Nothing stands in the way of using the Modular hall in other product areas in the future.



RELIABLE PARTNERSHIP

„Our first contact with Modular took place back in 2004,“ explains Mr. Ritzberger-Moser, Wood Area Manager and authorized signatory at Weyland. At that time, the hall builder from the Innviertler built Weyland’s first warehouse in Schärding.

Today, almost two decades later, after the fourth joint construction project, we can look back on many years of successful partnership: “From the beginning, Modular has been a reliable and trustworthy partner. The company knows our needs very well and is always ready to provide an ideal and suitable solution,“ Ritzberger-Moser continues.

According to the area manager for decorative and constructive wood products, Modular convinces not only through its technical competence, but above all with a high degree of flexibility and individuality.



FIELD OF APPLICATION
LOGISTICS



MODULAR LOGISTICS HALLS, MORE THAN JUST STORAGE SPACE

The logistics sector has a high share of growth and dynamics in the entire value chain. For this purpose, MODULAR offers needs- and process-oriented hall solutions in a wide range of areas. Above all, the large, free hanging constructions enable maximum gain in space and manipulation at financially viable realization costs.

The profitability of MODULAR hall systems adapts to the dynamics and growth of your company. Modular expansion options, overhead cranes, high eaves, vertical hall supports, large span lengths, optimal ventilation and flexible anchoring of the logistics halls offer maximum flexibility for your customers.

Product related ventilation systems and electric door solutions through to special canopy and truck ramp solutions enable needs-based implementation. Modular halls can be extended and expanded.

The area of application extends to shipping warehouses, manipulation and logistics halls (warehouse, storage tent), inland ports, semi-finished products, car logistics, transport logistics, wood and paper logistics, disposal logistics and spare parts logistics.





FIELD OF APPLICATION SPECIAL DESIGN



SPECIAL DESIGN – NEEDS OR PROCESS ORIENTED

Changed market requirements and high quality standards require new ideas and concepts in the field of hall construction.

Our aim is to plan and implement cost-effective, needs-based and process-oriented roofing solutions together. What counts here is experience, creativity and the know-how in the realization as well as the project-accompanying management.

Special design in textile architecture offers challenges as well as solutions, our concept „EVERYTHING FROM A SINGLE SOURCE“ guarantees needs-based planning through to effective project implementation.

From the very beginning, MODULAR Hallensysteme GmbH has been dealing with the subject of special designs in textile architecture and now has many years of experience in the field of process-oriented solutions for nationally and internationally active companies.



FIELD OF APPLICATION
RECYCLING



COMPETENCE AND SUSTAINABILITY IN THE FIELD OF RECYCLING

MODULAR offers a wide range of possible uses for the tarpaulin-covered steel halls for the recycling sector and its various recovery processes.

In cooperation with architects and planning offices, financially and ecologically sound buildings are developed, tailored to the respective utilization process of the project.

In order to do justice to the topic of waste utilization and recycling within the framework of the respective waste directives and regulations,

MODULAR offers advice and coordinated, potential solutions in the respective areas.

Professional storage techniques protect the high-quality recyclables throughout the cycle. In the area of renovation, we offer closed and, above all, airtight hall systems that prevent the transfer of pollutants to surrounding areas. The large, freely suspended MODULAR hall systems provide efficient options and maximum room volume, especially in the area of soil decontamination.

RECYCLING OF PAPER AND PLASTIC



BULK MATERIALS



FLOOR RESTORATION DECONTAMINATION



COMPOSTING

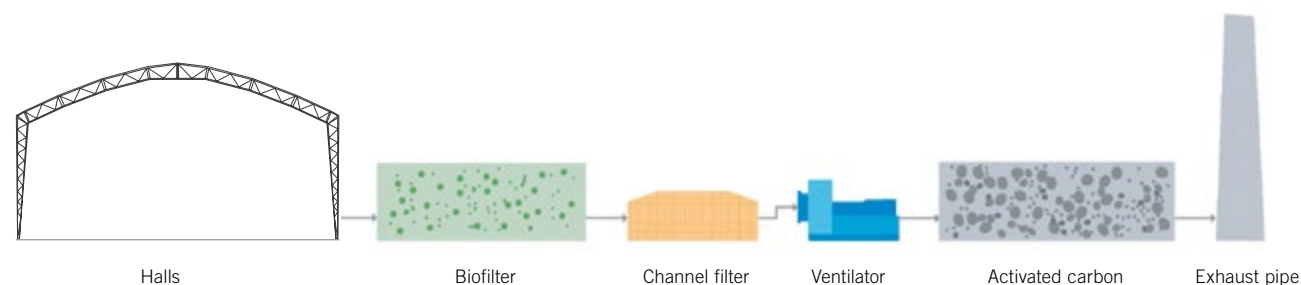


SCHEUCH AND MODULAR, TWO COMPANIES SPECIALIZED IN THEIR INDUSTRY, CREATE NEW AND INNOVATIVE SOLUTIONS THROUGH THEIR COLLABORATION



In order to keep the odour nuisance for employees, residents and the environment below the legally prescribed odour units per m³, a system from Scheuch COMPONENTS can be used for odour filtration.

The company Modular offers special solutions in which the Odour Emission Control odour filter, called „OEC“ for short, can be installed in the hall systems. The interaction of the hall systems and the aforementioned extraction is continuously optimized through successful cooperation.



RMS LÜRA PARTITION WALLS – SYSTEMATIC STORAGE TECHNOLOGY

MODULAR halls on RMS LÜRA partition walls combine economy, flexibility and storage technology. The tall design enables span lengths of 12 to over 40 m and corresponding eaves heights on the long sides.

Multi-aisle systems are also possible in a modular design. Without complex foundations, this storage technology allows for maximum flexibility and mobility.

The translucency of the membrane covering allows for manipulation during the day without additional lighting. The verifiable systems are suitable for any bulk material, and combine stability, structural integrity and service life with modular expandability and flexibility.



FIELD OF APPLICATION
AGRICULTURE



AGRICULTURAL ECONOMY

Efficiency and flexibility: In today's specialized agriculture, cost planning and, above all, adherence to that planning in the implementation phase is of elementary importance for investments. The company MODULAR Hallensysteme GmbH guarantees you this in the form of project-accompanying management and an „all-inclusive package“ in the area of hall construction.

Due to the high transparency of the roof tarpaulin, as well as the great air volume (very good indoor and stable climate = animal health) and the self-supporting spans, the MODULAR HALLS are suitable for the most diverse areas of application in agriculture. The natural thermals of arched halls underline the healthy climate.

MODULAR & SCHWARZMAYR AGRICULTURAL ENGINEERING
A LONG-TERM PARTNERSHIP



THE LARGEST BEEF-PRODUCING FARM IN AUSTRIA TRUSTS IN MODULAR



FIELD OF APPLICATION
**SPORT AND
FREE TIME**



THE RIGHT SOLUTION FOR
YOUR SPORTS HALL OR
MULTI-PURPOSE HALL



A MODULAR sports hall or multi-purpose hall is also ideal for all leisure activities such as tennis, hockey, football. They can also simply be used as an event or riding hall with a special flair.

The transparency of the tear-resistant PVC covering with a white interior ensures a character similar to daylight. This saves expensive electricity and lighting costs. This is how free time becomes a true pleasure.

MODULAR arched halls (type B) are very often used in this context; when the maximum height on the long sides of the hall is not important.



**WE ARE LOOKING
FORWARD TO
YOUR REQUEST.**



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