



M-LINE SERIES

The multifunctional, cost-effective hall

multifunctional

INNOVATIVE MODULAR STRUCTURES WORLDWIDE

RÖDER GROUP

The RÖDER Group is an international company providing temporary, permanent, flexible modular hall and tent systems. With over 600 employees in more than 30 locations worldwide, the company is renowned for quality products, expertise, and customer service.

60 YEARS OF QUALITY AND SERVICE

With many years of experience and project management, our tent and hall solutions for the event and industry sector are individually adapted to suit all customer requirements.

60

Years of trust and experience

600

Team members

5.500 +

Satisfied customers

10.000 +

Successful constructions

95 %

Reusable components



SUSTAINABILITY

The RÖDER Group meets the world's most demanding system for sustainable environmental management: we are EMAS-certified. The long service life of our components contributes to sustainability. That is why we use high-quality materials for planning and scaffolding construction.

Our components are reusable and recyclable – a positive contribution to our environment!

INDUSTRY & TRADE

The RÖDER industrial structures provide ideal solutions for many sectors including industry, trade, logistics, the military and we can also provide bespoke solutions for customers throughout the world.

EVENTS

For private celebrations, company and large events, for stylish outdoor catering or hospitality areas – RÖDER supplies the perfect solution for every event.

M-LINE SERIES

M like multifunctional.

The RÖDER M-Line series is an economical solution for all climates.

SOLUTIONS

- Insulated production and manufacturing facilities
- Semi-permanent warehouses and canopies

THE MULTIFUNCTIONAL M-LINE IS:

- Available single skin or fully insulated, including thermal roof
- Rugged enough for semi-permanent use
- Snow-load up to 1.5 kN/m²
- Clear span up to 30 m



Warehouse expansion project

An automotive supplier for specialised vehicles needed to expand their warehouse rapidly due to an increase in production orders. The lightweight M-Line building installed has a span of 30 m with length of 55 m, providing a total storage area of 1,650 m², and utilising an existing asphalt pad. Construction took only 8 working days with the building clad in trapezoidal sheet steel and complete with thermal roof.



Production hall

A German mechanical engineering company was looking for a permanent space solution to expand production. The innovative tent hall with a total area of 1,625 m² (25 m clear span, 65 m long, with a side height of 5.2 m), all installed within 14 days of delivery. This created a fast and economical solution for the final inspection of a CNC production line. The lightweight M-line is connected directly to the production hall via integrated air locks. With a façade made of ISO panels and thermal roof tarpaulins, full fit out was undertaken as part of the project. The necessary indoor employee conditions were also created for the employees within the final inspection.

M-LINE SERIES

ROOF STRUCTURE

The M-Line uses single-shell roof tarpaulins (with inner covers available to minimise condensation), or thermal roof tarpaulins.

STANDARD EAVE HEIGHTS

3.70 m – 5.20 m

BAY DISTANCE

5.0 m

Wider bay sizes possible for special access requirements.

SPANS

10.00 m – 30.00 m

EASY INSTALL

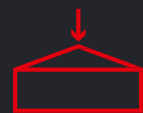
Groundworks are not required for all eave heights on concrete, tarmac, or compacted surfaces.



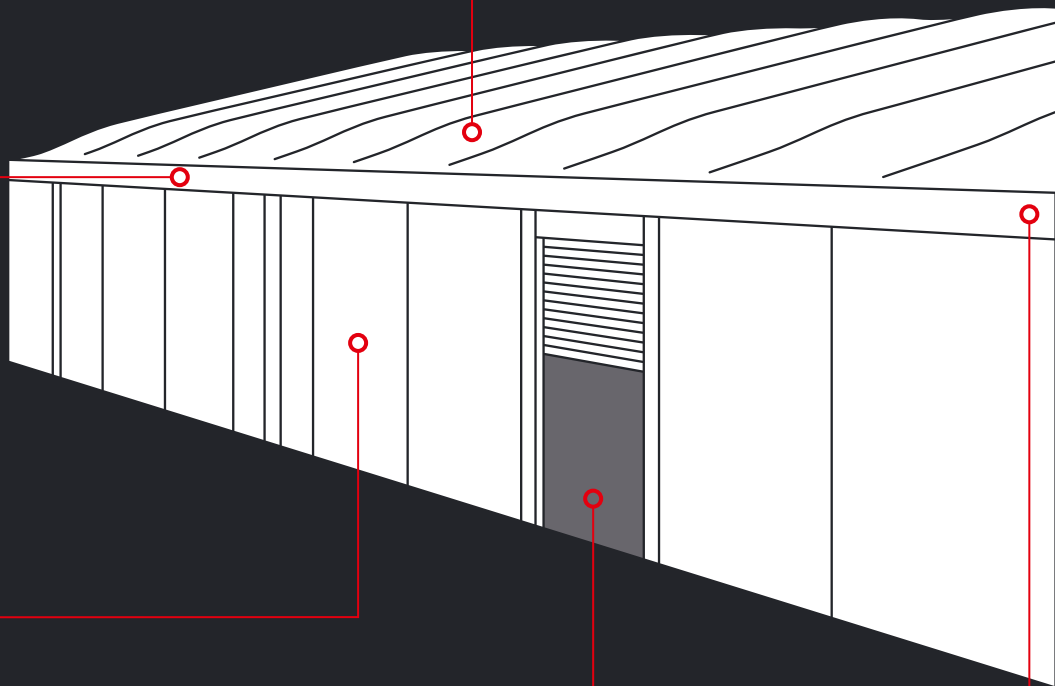
High-cost effectiveness



Ideal weather protection



High roof load



SNOW LOAD

1.50 kN/m²

Snow load at SPW = 10 – 22.5 m

1.31 kN/m²

Snow load at SPW = 25 m

0.85 kN/m²

Snow load at SPW = 27.5 & 30 m

WIND LOAD

up to 28 m/s – WZ3 (27.5 m/s)

GABLE TRIANGLE

Two-part
gable triangles

INDUSTRIAL DOORS

Roller shutters, steel and
tarpaulin sliding doors.

Clear openings, dependent on version:

Height of 3 m – 4.5 m

Width of 3.85 m – 4.9 m

PERSONNEL ACCESS DOORS

Emergency exit and
staff doors.

Installation available
in all 5 m bays.

WALL CLADDING

Weather-proof canvas
Trapezoidal steel
40 mm ISO panels



Permanent
usable



High flexibility at
facade and roofing



Wide range
of uses

QUALITY, SECURITY & FULL SERVICE

QUALITY & SAFETY

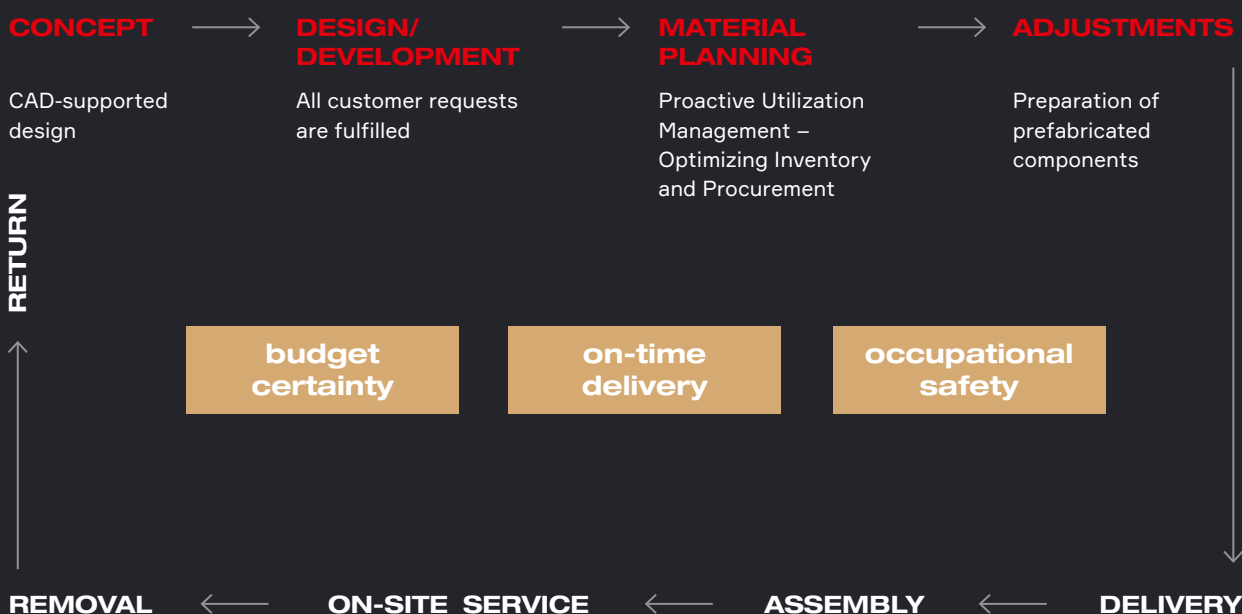
“Engineered and made in Germany”. That is our service commitment as a premium manufacturer of tent and hall structures. RÖDER guarantees quality and safety through our production control management system. We leave nothing to chance, we have our constructions checked by the leading provider of technical services worldwide, the German TÜV. We are your full-service provider: you receive dimensioning, load-bearing capacity, project planning and statics from a single source in accordance with Eurocode and DIN. Important specifications such as fire protection and occupational safety are also part of our planning units.

FULL SERVICE

RÖDER sees itself as a solution between individuality, economic efficiency, and tight schedules. No matter when, no matter where, and no matter how, our expertise has been employed for over 60 years for tent and modular building projects worldwide. As a long-standing partner of industry, RÖDER offers all services: from planning to logistics and assembly to turnkey fit-out solutions including accessories and internal infrastructure.

We develop individual modular hall solutions with numerous expansion options. Relocations are possible quickly and economically because of our innovative, modular design, low component weight, and small transport volume.

Your one stop shop solution



YOUR ADVANTAGES OF A LIGHTWEIGHT HALL FROM RÖDER

HIGH FLEXIBILITY

The RÖDER H-Line, M-Line and S-Line series set new standards in the industrial sector. We offer customized solutions. Why?

- Our hall solutions adapt to your financial needs
- Our hall systems can be subsequently expanded and moved thanks to the innovative, modular design
- Fast delivery and assembly times, especially with our cold halls
- Our wide range of accessories covers many individual equipment options

EFFICIENCY

In a cost comparison, modular structures typically perform more economically than steel framed or masonry buildings. Pre-planning, material and assembly costs are invariably cheaper and the majority of our structures require no groundworks at all.

YOU CAN REALIZE SUSTAINABILITY WITH US

The RÖDER Group meets the world's most demanding system for sustainable environmental management: we are EMAS-certified. A long service life of our components contributes to sustainability. That is why we use high-quality materials for the planning and scaffolding construction.



PREMIUM QUALITY FOR LONGEVITY AND VALUE

RÖDER industrial halls and tents can serve as a temporary solution, but they do much more than that: many RÖDER industrial halls have been in place for well over a decade. Why is that?

- For our modular hall systems, we offer the statics required by building law for temporary and permanent use.
- High-quality materials combined with German engineering make them a long-lasting and also more cost-effective alternative to solid construction.
- Our scaffolding constructions are corrosion-resistant and have a stable lightness.
- We mainly select premium suppliers for our products and process them into premium products. Our PVC tarpaulins have numerous advantages that can save you investment and maintenance costs in the long term.



YOUR CONTACT

Together we will find the perfect hall system for your specific needs.
Contact us – our experienced team will be happy to help you.

23

sales offices

3

production facilities

32

countries



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