



H-LINE SERIES

The high-tech solution for special requirements

High-tech

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.

H-LINE SERIES

H like high-tech.

The RÖDER H-Line series is a versatile solution for demanding warehouses and production halls. It is suitable for permanent use.

SOLUTIONS

- Logistics warehouses suitable for racking, with eaves up to 8.2 m
- Robust loading canopies suitable for double-deck trailers
- Modular production and manufacturing facilities
- Specialist maintenance buildings: heavy plant, HGV, even aircraft
- Multifunctional structures: semi-permanent event halls, automotive PDI and showrooms



Production halls

For short-term peaks in production capacity, RÖDER Germany installed an H-Line industrial hall on a short lead time with a clear span of 20 m and a length of 50 m. The building has a side height of 4.2 m and is fully insulated with fixed roofing and 100 mm ISO façade. The hall is even air conditioned to ensure perfect working conditions.

1,000 m² area with a 4.2 m eave height
50 m length
15 days installation

WHY IS THE H-LINE HIGH-TECH?

- Up to 40 m clear span, with 8.2 m eave height available
- High snow and wind loads, suitable for use across in all conditions
- Bespoke customer-specific sizes and equipment are possible



Freight and sorting centre

The RÖDER built freight & sorting centre at Leipzig/Halle Airport.

Basic construction consists of six RÖDER H-Line halls, each 40 m x 85 m with a side height of 6.20 m. The halls are equipped with a fleece lined thermal roof and 80 mm sandwich panel walls with non-combustible mineral wool core. In a networked design, the freight center has an area of 20,400 m².

20,400 m² area with a 6.2 m eave height
6 linked logistics halls
42 days installation

H-LINE SERIES

STANDARD SNOW LOADS

3 kN/m²

Snow load at SPW = 10 m – 25 m

2 kN/m²

Snow load at SPW = 10 m – 30 m

1.31 kN/m²

Snow load at SPW = 10 m – 40 m

0.85 kN/m²

Snow load at side height 8.20 m

ROOF STRUCTURE

Insulating thermal roofing
(double-walled, air-filled)

Solid roof available as an option

STANDARD EAVE HEIGHTS

4.20 m – 8.20 m

WINDOW

1–2 winged rotation/tilt function

EASY INSTALL

Groundworks are typically not required for eave heights up to 6.2 m on concrete, tarmac or compacted surfaces, with only minimal groundworks required for eave heights of 8.2 m

BAY DISTANCE

5.0 m

Wider bay sizes possible for special access requirements.

SPANS

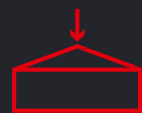
10.00 m – 40.00 m



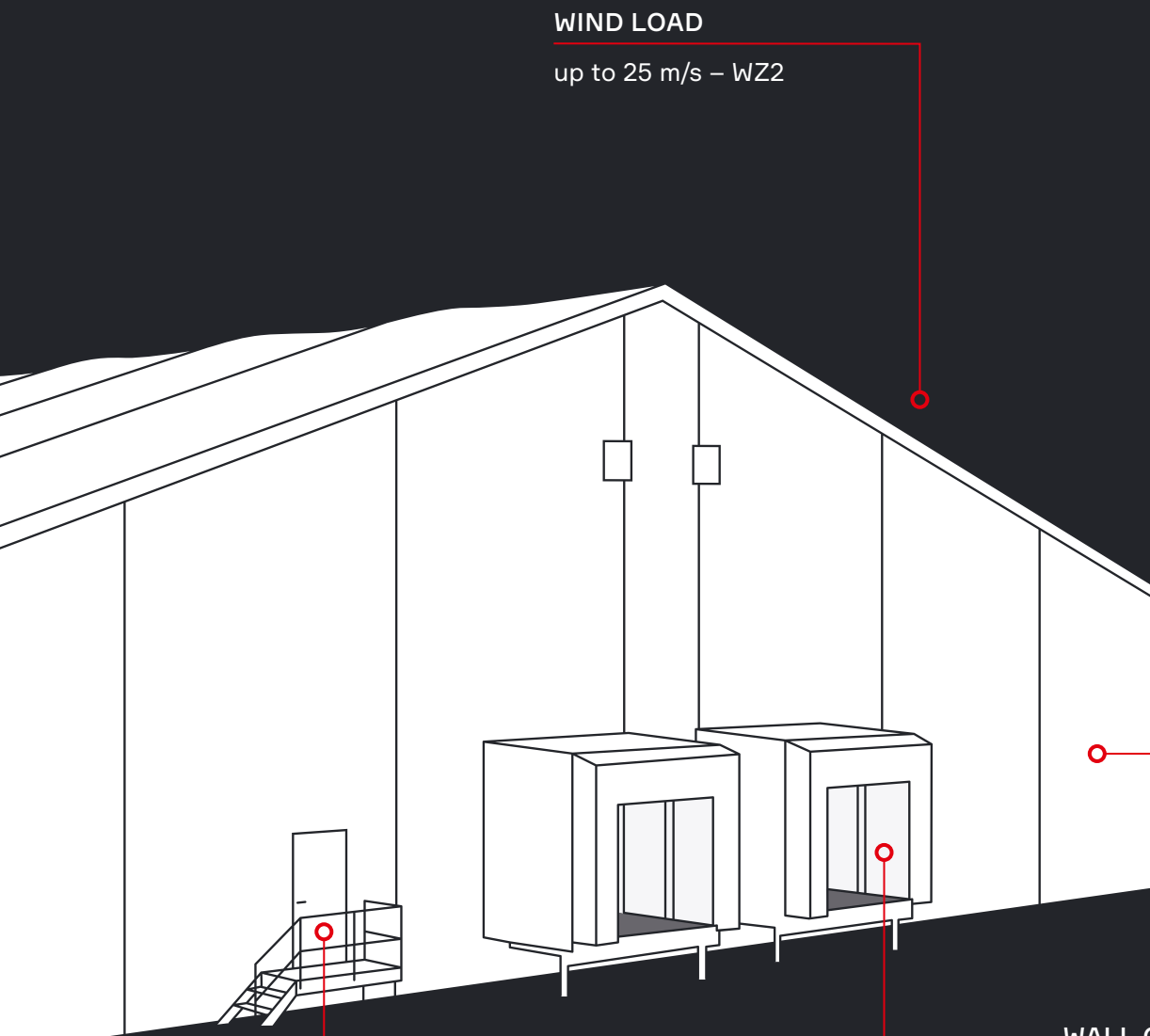
High-cost
effectiveness



Ideal
weather protection



Very high
roof load



WIND LOAD

up to 25 m/s – WZ2

**PERSONNEL
ACCESS DOORS**

Emergency exit
and staff doors.

Installation available
in all 5 m bays.

INDUSTRIAL DOORS

Roller shutters, steel and tarpaulin
sliding doors, with the inclusion of
loading docks possible

WALL CLADDING

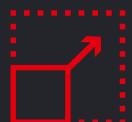
Trapezoidal sheet steel
ISO Panels (40 mm, 60 mm,
or 100 mm core available)
Special facades, including
ISO clad gables



Permanent
usable



Sophisticated
construction solutions



Full
scalability

QUALITY, SECURITY & FULL SERVICE

QUALITY & SAFETY

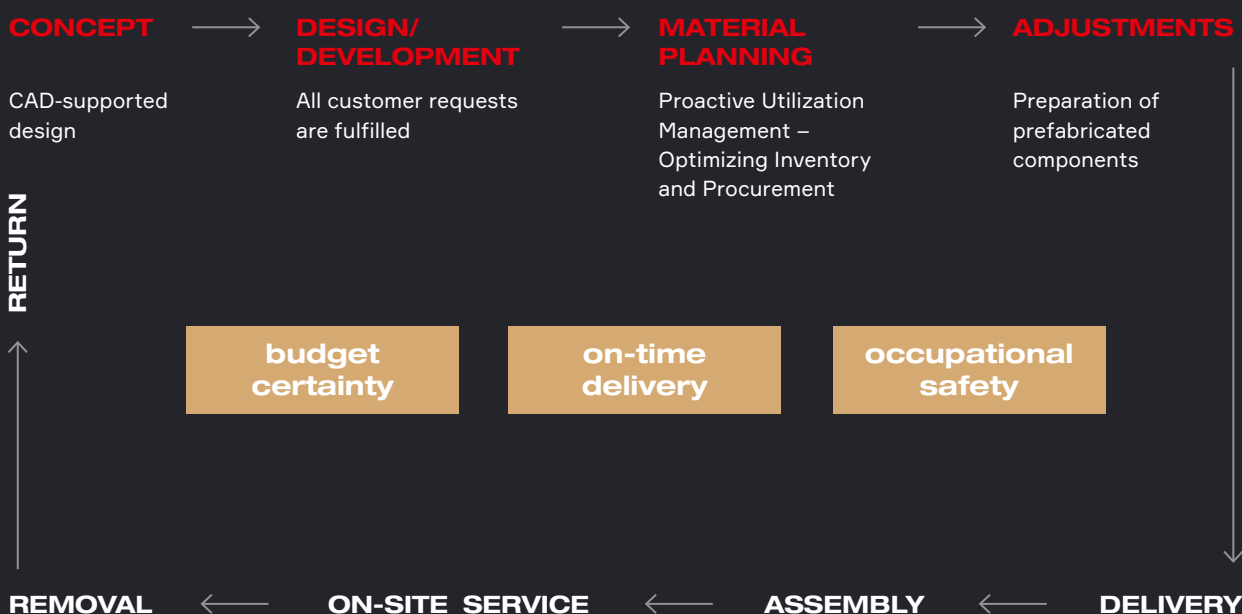
“Engineered and made in Germany”. That is our service commitment as a premium manufacturer of tent and hall structures. RÖDER guarantees quality and safety through our production control management system. We leave nothing to chance, we have our constructions checked by the leading provider of technical 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 includes 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 constructions.
- 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



**RÖDER Zelt- und
Veranstaltungsservice GmbH**
Am Lautenstein 5
63654 Büdingen | Germany
Fon + 49 6049 700-0
Fax +49 6049 700-339
info@roder.com
www.roder.com

RÖDER UK Limited
Unit 16 Earith Business Park
Meadow Drove,
Earith Cambridgeshire
PE28 3QF | United Kingdom
Fon: +44 1487 840 840
info@roder-industrial.com
www.roder-industrial.com

Find additional information and case studies on:    

