



ZARGES

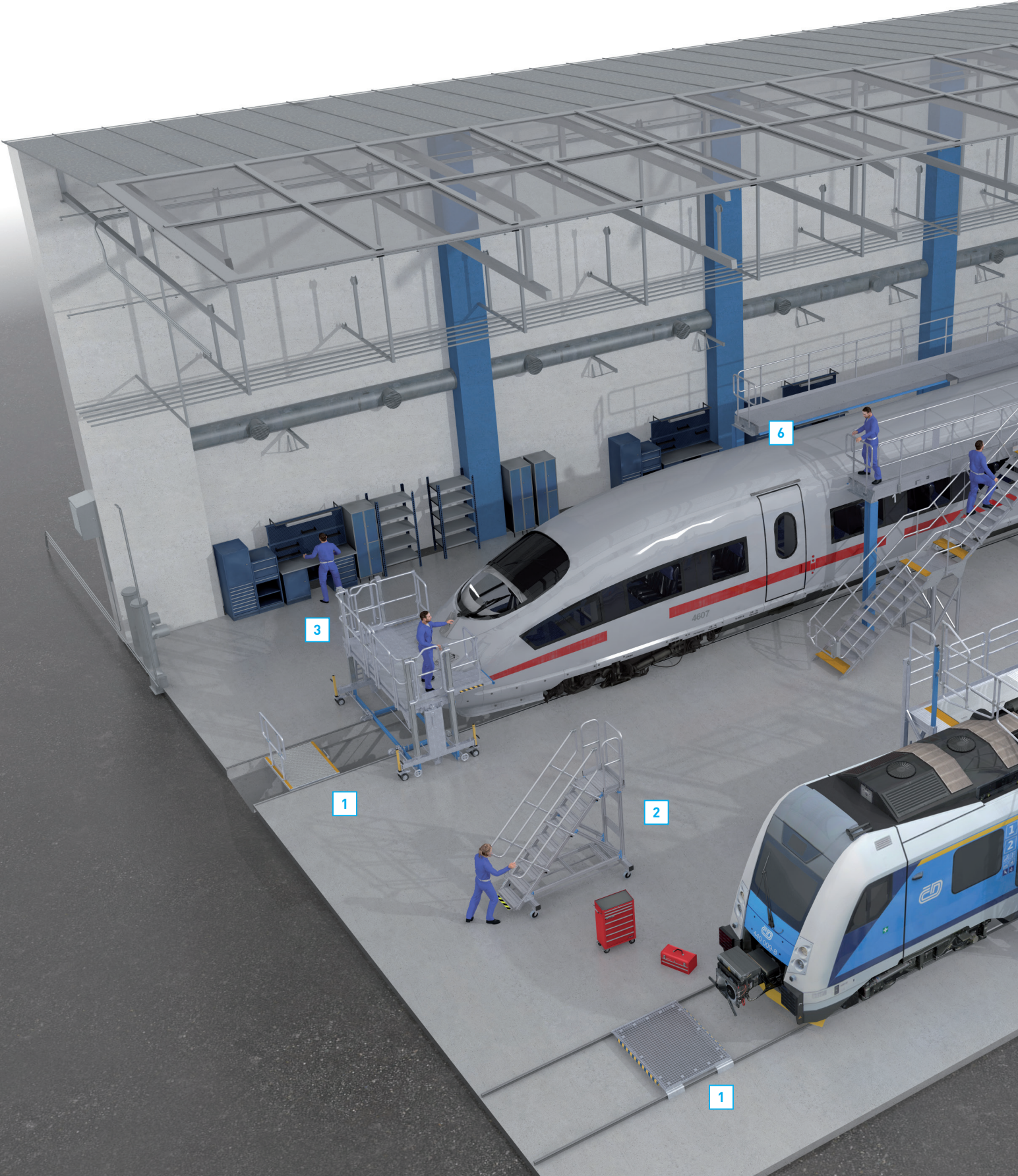


Maintenance stairs and working platforms

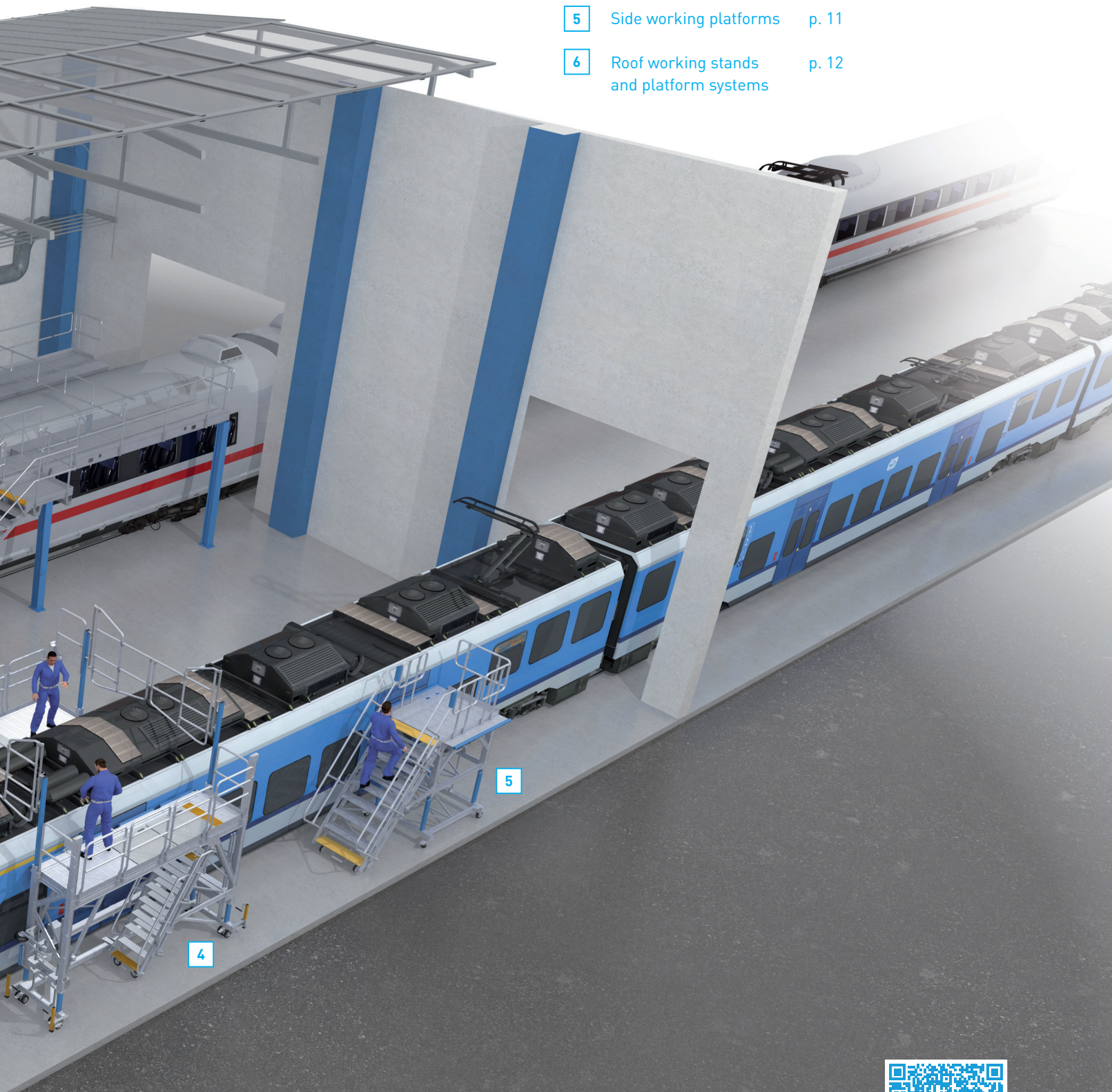
Access solutions for rail vehicles

www.zarges.com/rail

Our solutions for rail vehicles



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Inform yourself now »





**Mobile or stationary solutions – to give you
the right equipment for every application**



Mobile access solutions – to get you where you want to reach

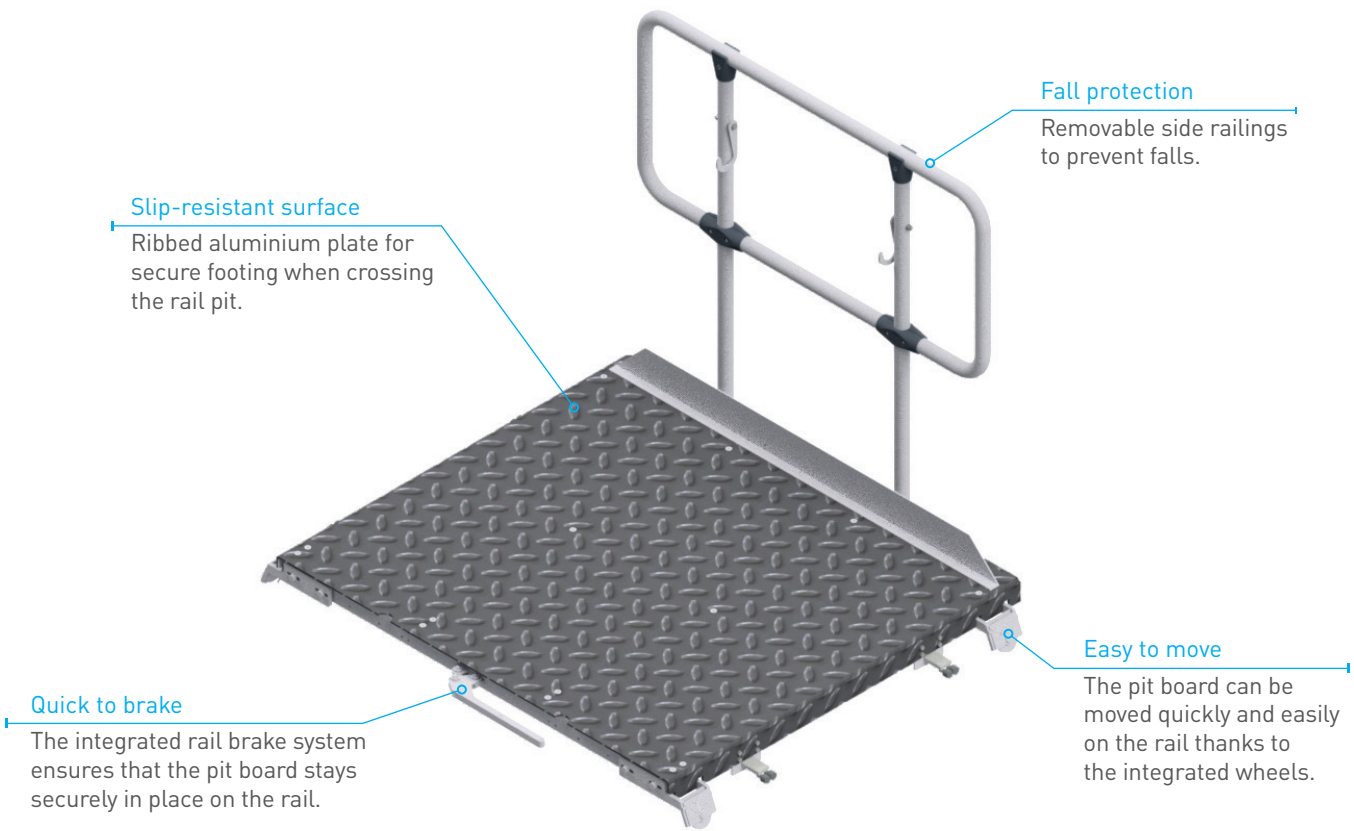
ZARGES mobile maintenance stairs and working platforms are developed especially for the maintenance and production of rail vehicles. They are designed to be quick and easy to use while offering the highest level of safety.



Rail pit boards

They allow you to quickly bridge rail pits with ease – always adaptable to suit the track in question.

Rail pit board with rail brake and wheels



Access steps

Improved safety while standing on the platform

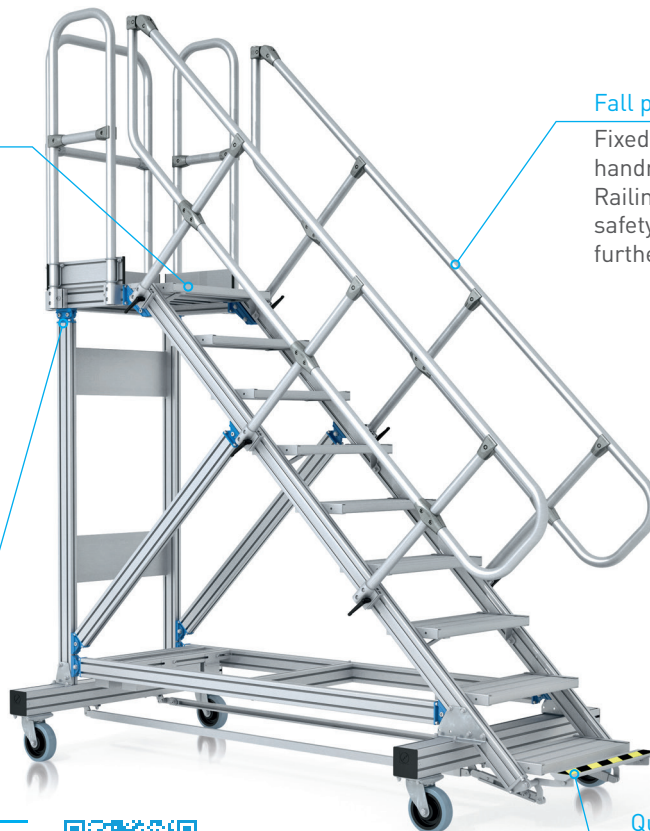
Individually configurable platform with different surface options to meet the required slip-resistance rating. The staircase is available at different angles of inclination.

Quick and easy assembly

The special attachment system allows for quick and straightforward assembly.

Fall protection

Fixed and removable handrails are available. Railings can be fitted with safety barriers or gates to further improve safety.



Quick to brake

You can engage all brakes on the access steps by stepping on a central brake pedal.



ZARGES – configure online now:
www.zargesconfigurator.com



ZARGES access solutions can be designed to suit the requirements of any rail vehicle – whether you are looking for a solution with fixed or adjustable height, ZARGES always has the exact solution you need.

You can use our online configurator to put together your access solution yourself or have us create a special solution that meets your needs perfectly.

- Online configurator (www.zargesconfigurator.com/en/)
- Fixed or adjustable height
- Access platforms with protective padding
- Removeable handrails and railings.
- Antistatic
- Fixed castors for moving long distances or swivel castors for improved manoeuvrability
- If our standard range of platforms does not meet your requirements, we will be happy to customise our products to suit your individual needs.



Front working platforms

No platform gaps

Slide-out panel system to adapt the working platform's contour to front of the rail vehicle.

High manoeuvrability and stability

Thanks to the heavy-duty castors and spindles on the chassis.

Guided by the rail

The optional rail-guided chassis allows you to move the platform directly on the rail.

High slip resistance

The anti-slip surface ensures that workers can stand safely on the platform.

Easy access

The height-adjustable ladder allows personnel to access the platform quickly.

Adjustable to the optimal working height

The platform can be positioned quickly using the easy-to-operate height adjustment mechanism, allowing work to be performed ergonomically.



ZARGES folding front working platform enables personnel to work safely on the windscreen, windscreen wipers or the destination indicator.

- Ladder with handrail, padding and spacer, adjustable securing position
- Removeable guardrail with safety door
- Folding platform, quick-release locking mechanism
- Traverse with repositionable mount for rail and concrete surface
- Ladder with handrail, adjustable on both sides
- Plug-in step H = 250 mm, adjustable insertion position
- Platform height 1.500 mm

Roof working platforms

Fall protection

All-round railings to prevent falls, removable options are also available on request.

Adjustable to the right height

The height adjustment mechanism ensures that workers can always carry out tasks at the right height.

High stability and manoeuvrability

Three-wheel heavy-duty castors for easy movement and spindles for high stability.

Prevents objects falling

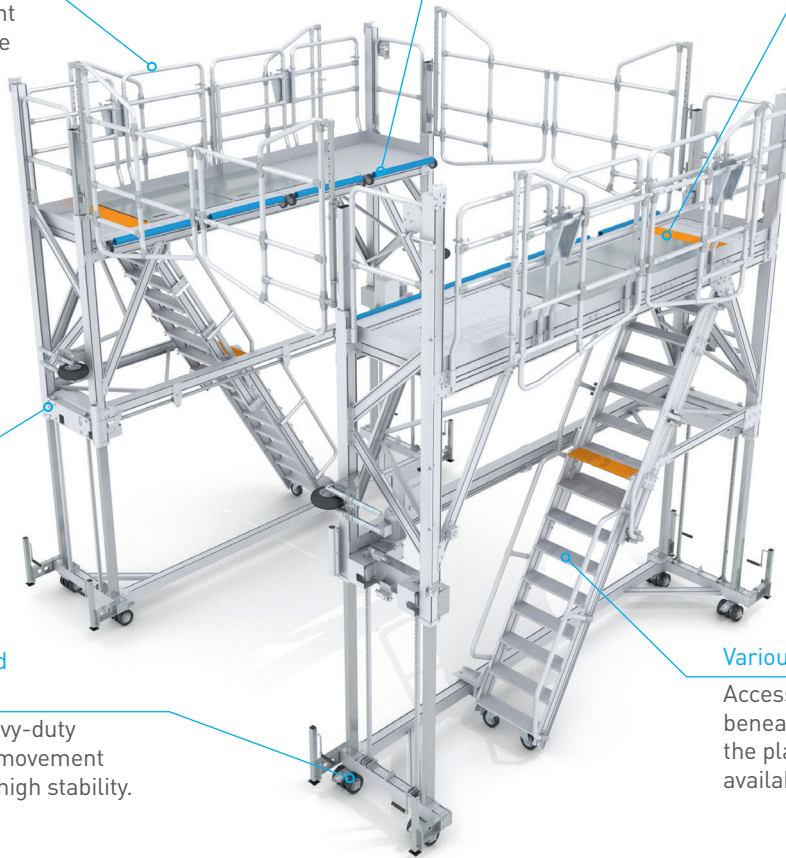
The highest level of workplace safety because no gap is left between the platform and vehicle.

Closed-off working area

Fall prevention: trap doors to close off openings that lead to stairs or ladders located directly beneath the platform.

Various access solutions.

Access steps located directly beneath or to the side of the platform, optionally also available as fixed ladders.



Safe ZARGES solution for Sweden

ZARGES developed a roof working platform that fully meets the expectations of a customer in Sweden. The most important thing: safe access to a train's roof.

ZARGES won over the customer with the platform's sturdy construction and easy assembly.



Side working platforms

Removable railing segments

Railing segments can be removed as required to provide the precise required access.

Flexible staircase

When the platform height is adjusted, the staircase automatically adapts to the new angle of inclination.

Height adjustment

Available with fixed or adjustable height. You can also select the type of height adjustment mechanism.

Castors

The platform and staircase are equipped with high-quality castors so that the working platform can be moved quickly.



Stationary access solutions – to help you get things done faster and safer



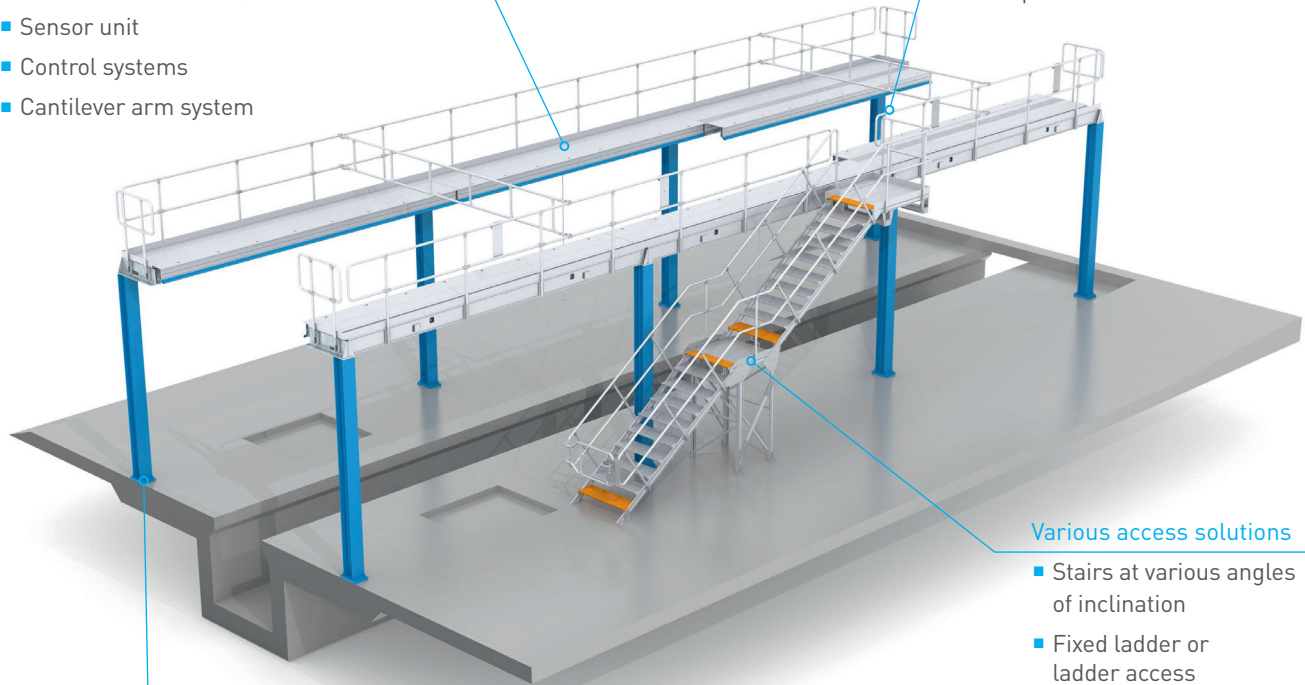
Roof working stands

Modules and accessories to facilitate day-to-day work

- Utilities (electricity, compressed air, etc.)
- Overhead or stationary crane
- Sensor unit
- Control systems
- Cantilever arm system

Versatile fall protection devices

Foldable, slidable or removable railing options and sensor-controlled front fall protection device.



Various access solutions

- Stairs at various angles of inclination
- Fixed ladder or ladder access

Various installation options

- Raised on stands
- Suspended from the ceiling
- Fixed or adjustable height



Assembly stands – made especially for extension and final assembly

- Platform height and size can be customised according to requirements
- Platform modules with cantilever arm system
- With fixed or adjustable height
- Front fall protection devices and various railing options
- Platform surface made of textured plywood panel for good anti-slip properties as well as low foot noise generation.



Everything is possible with ZARGES – the largest individual project in ZARGES' history

A well-known Canadian train manufacturer conducted an international tender exercise to search for a partner to help them build a platform system for use in the production of trains and carriages.

ZARGES was able to secure the major project thanks to its rich tradition and great deal of experience in this field. Subsequently, ZARGES constructed the project at its plant in the state of Saxony, Germany.

There were many different challenges. The schedule was tight, and a large number of platform elements had to be designed and manufactured.

The first two construction phases were inaugurated by the Minister-President of Saxony. This project has greatly strengthened both the plant and the region.

At the same time, it is the largest individual project ever in ZARGES' history!



Options and accessories for platforms and platform systems

You can easily expand your platforms and platform systems using parts from our product range. This allows you to modify your equipment individually according to your requirements, e.g. configuring platforms to enable free access to all relevant working positions.



Mobile touch panel

Electrical operation

ZARGES control panels or consoles allow for the operation of any electrical elements on your roof working stand.

- Integrated operating console
- Stationary touch panel on the product
- Mobile touch panel for greater flexibility



Central control panel with key switch system

Utilities

Clear and easy to use: You can equip your platforms or working stands with various utilities and tools.

- LED lighting
- Electronic elements
- Compressed air systems
- Water system
- Direct power supply on the platform



ZARGES steps and platforms



Whether it's steps, bridging steps or platforms – our next-generation customised solutions will always meet your requirements perfectly.

Your benefits:

- Easy to plan and configure
- Quick delivery and assembly
- Reliable to set up thanks to the high degree of pre-assembly



All of our solutions are TÜV tested and designed according to industry standards (e.g. DIN EN ISO 14122).



ZARGES – configure online now:
www.zargesconfigurator.com



All-round service from a single source – to always provide you with the best advice



Standard bridging steps solution



Special machine access solution

Standard solutions

Our service:

- Online configurator
- Sophisticated module
- High level of pre-assembly

Your benefits:

- Instant quotation
- Very quick delivery
- Easy assembly



Information from your ZARGES specialist consultant:
Tel.: +49 351 287 935-800
E-mail: special.solutions@zarges.de

Special solutions

Our service:

- On-site measuring
- Planning in close collaboration with you
- Full installation

Your benefits:

- Tailor-made solution
- Easy collaboration
- Complete solution



We deliver solutions tailored exactly to your vehicles in compliance with the following standards and regulations:

- DIN EN ISO 9001 – Quality management
- DIN EN ISO 14122 – Permanent means of access to machinery
- DIN EN ISO 1004 – Mobile work platforms
- DIN EN ISO 131-7 – Mobile ladders with platform
- DIN EN 1090 – Fabrication and assembly of steel and aluminium structures
- MRL – Machinery Directive 2006/42/EG

Other solutions from ZARGES

ZARGES offers a wide range of access solutions for different applications. For example, you can modify platforms by adding a cantilever arm system to allow free access to all relevant installation positions. Or you can choose a configuration with either fixed or adjustable height for ergonomic reasons. Front fall protection devices that are individually tailored to a vehicle allow work to be performed safely. And the surfaces of platforms and treads offer good anti-slip properties as well as low foot noise generation.

Aviation



Industry and plant engineering





ZARGES –
 Access
 Packaging
 Transportation
 Special Solutions

For more than 85 years, the brand name ZARGES has been synonymous with premium quality and continuous innovation. As an innovation leader, we are constantly improving our range and creating solutions and products that are consistently tailored to your needs. And good ideas always come from closely working together with you, the customer.

Our aim is to always provide you, the professional, with the right solution for any requirement. For your safety and efficiency.

More information about maintenance stairs and working platforms for rail vehicles can be found at www.zarges.com/rail

Contact us »



Further information is available online or from your specialist dealer:

