

REIWA

The image features the word "REIWA" in a bold, white, stylized font. Below the letters, there are two white, stylized car headlights, one on the left and one on the right, positioned as if they are part of a car's front end. The entire graphic is set against a solid orange background.

About the company

We are an integrated service provider for:

- design
- manufacture
- service

of intermodal freight wagons, which, in addition to their advanced technical and economic characteristics, for the first time enable the realization of rail transport connections on a long-awaited level.

Our factory is located in Śląsk region, in Myszków, where, together with current operational activities, we also carry out research and development works, in cooperation with the Military University of Technology. The undeniable advantage of the factory is its connection with the railroad networks by having its own railroad siding.



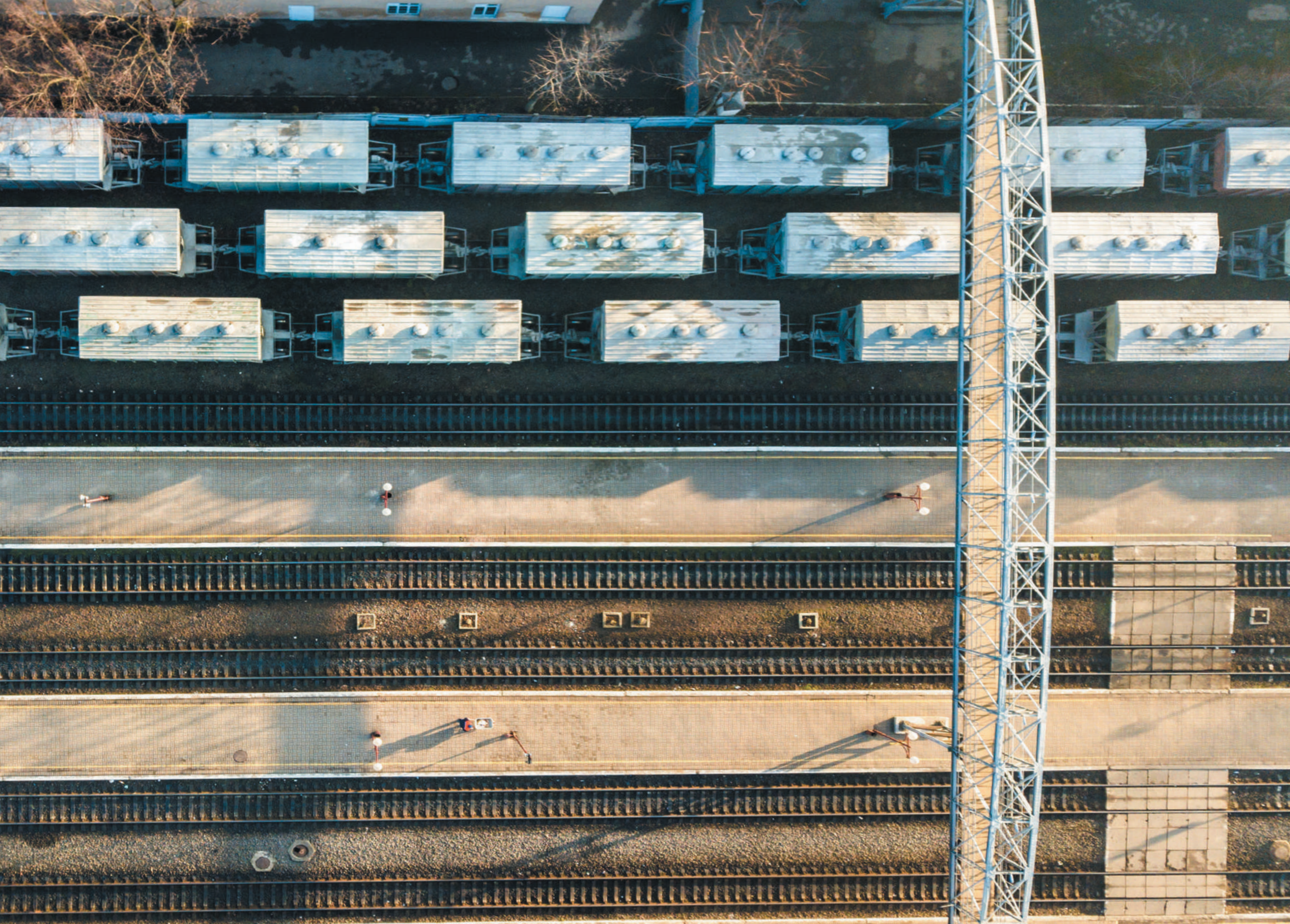
Mission

Increasing the capacity and use of the European transport network is extremely important for the European economy and environment and it is a priority for the European Union. Rewag not only follows current trends in intermodal transport, but also tries to stay ahead of them with the ambitious goal of revolutionizing international intermodal transport.

Experience

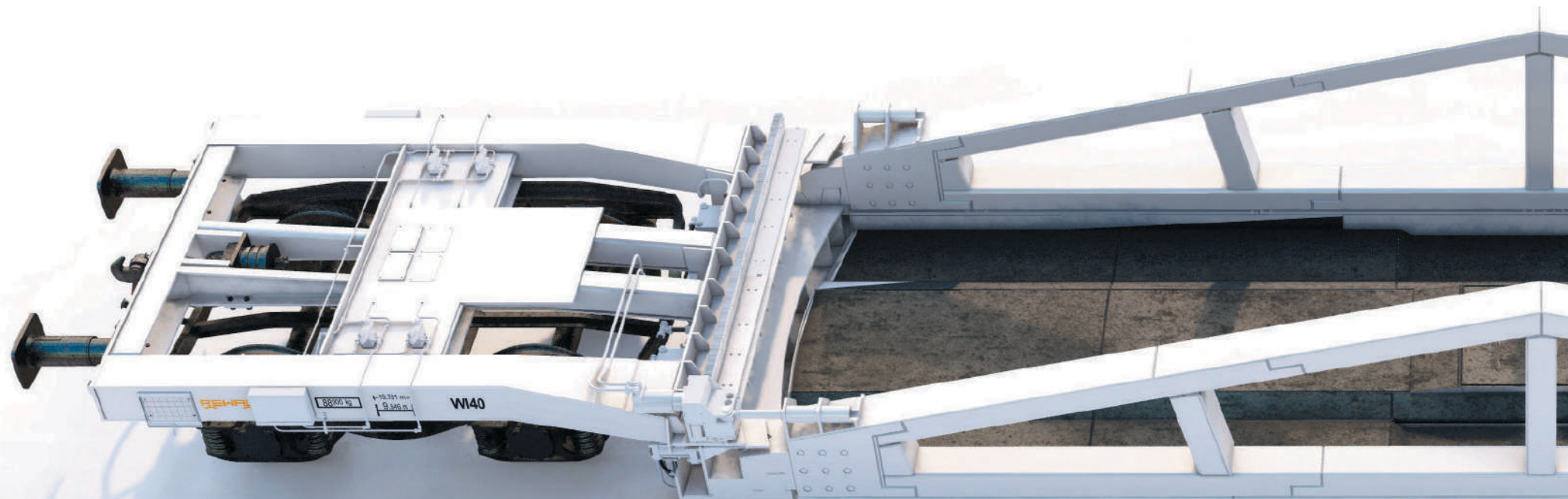
The Rewag brand is made up of specialists in their industry - railroad enthusiasts with a lot of knowledge and industry experience. What distinguishes us is our intelligent processes, combined with a qualified team of engineers, perfect management of production and service processes.





Innovation

Analyzing market needs, we created a new generation of rolling stock - the **EQUOS** family. It enables simple and convenient transport of various types of vehicles, such as TIR trailers, tractors, trailers, containers and tanks. Our wagon with a rotating low-floor platform enables loading and unloading of trailers on practically every hardened terrain without the need for intermodal terminals. **EQUOS** is an innovative solution, the only one of its kind in the world that can revolutionize the rail transport market.



Technology

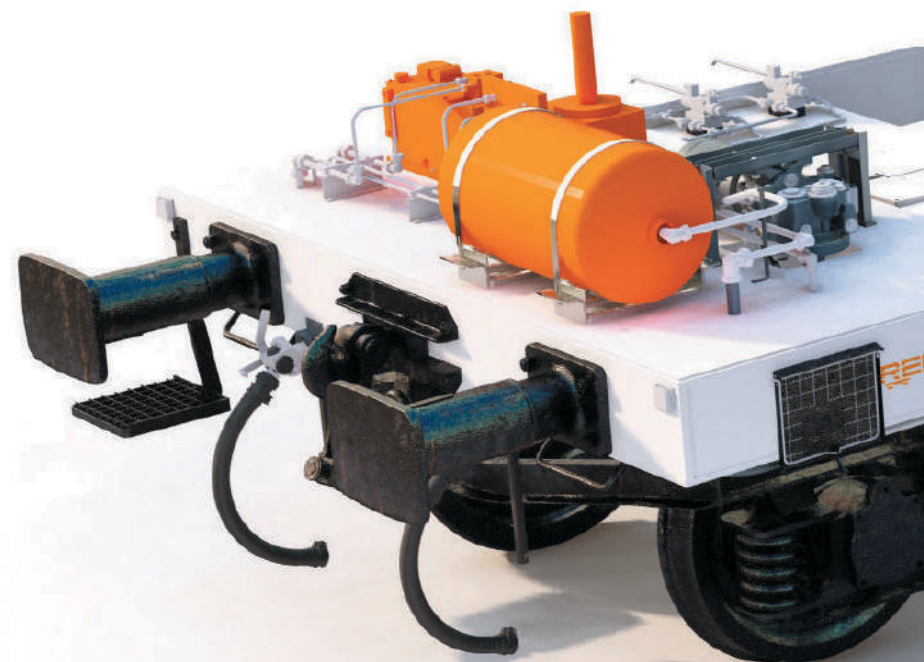
Our technology is the most effective solution to the logistical problems of the future and is fully compliant with European legislation. The **EQUOS** wagon is an innovative solution, the only one of its kind in the world, that can revolutionize the rail transport market. Work on the construction of the wagons was carried out by specialists from the Department of Mechanics and Applied Computer Science, Faculty of Mechanical Engineering of the MUT, and they resulted in patent applications: EP2388173, EP2532562, PAT216416, PAT219643 protecting the invention.

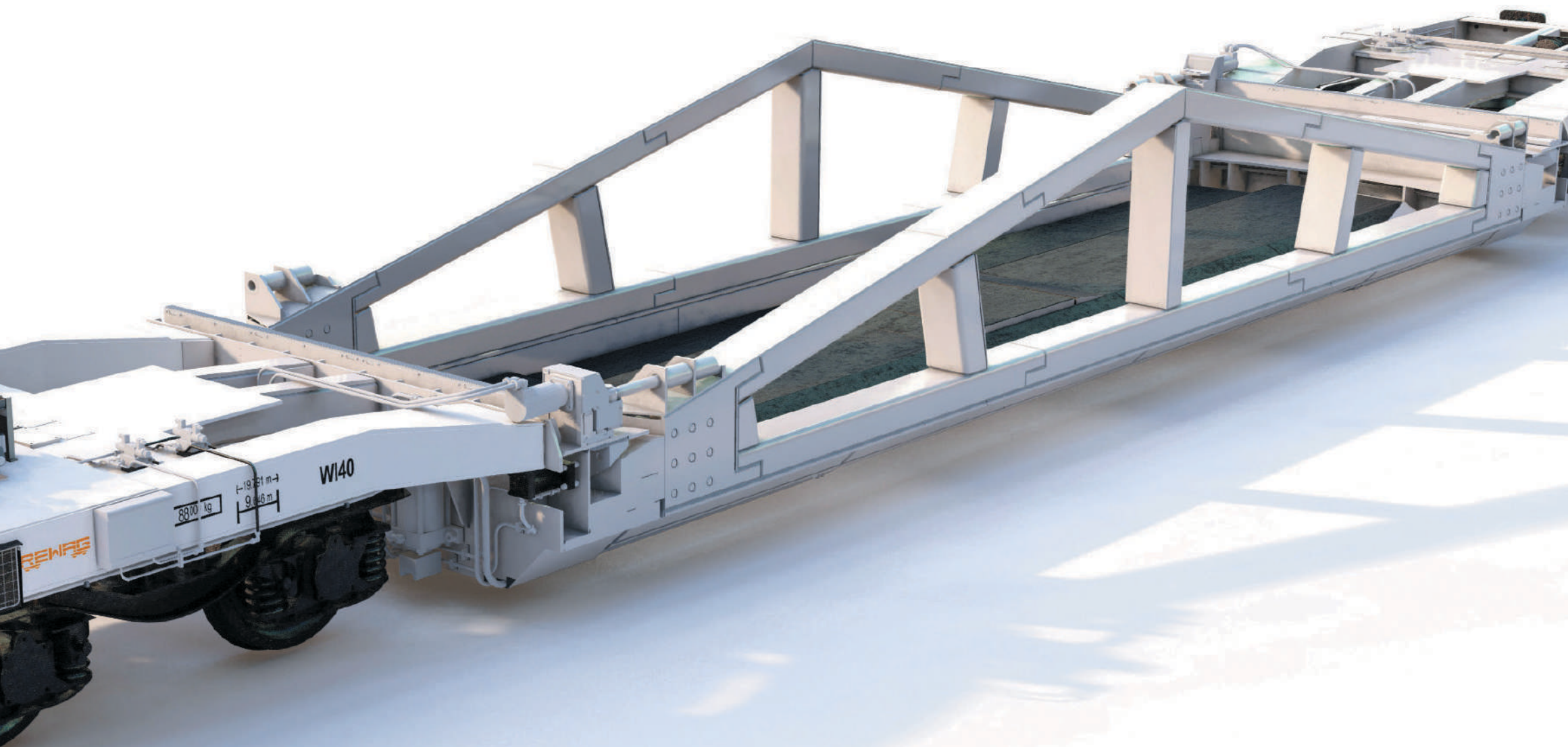


EQUOS

EQUOS includes six types of intermodal wagons with WI symbols:

1. **Wagon WI 40** - basic wagon, with two bogies, with transport speed 120 km/h;
2. **Wagon WI 80** - extended, with three bogies, with a transport speed of 120 km/h;
3. **Wagon WI 40 S** - basic version, modified for special and oversized vehicles;
4. **Wagon WI 40 I** - basic version, modified for transport speed over 120 km/h;
5. **Wagon WI 80 I** - extended version, modified for transport speed above 120 km/h;
6. **Wagon WI 40 S I** - version designed for transport of special and oversized vehicles, modified for transport speed above 120 km/h.





EQUOS - competitive advantages

The patented **EQUOS** technology allows for simple and fast loading and then transporting and unloading of trucks, without having to invest in the development of additional infrastructure and expensive terminal equipment.

This innovative project has the potential to improve rail transport
Why?

- The external dimensions of the platform wagon are fully compliant with the GB1 gauge regulations;
- The wagons are able to carry 4 m high semi-trailers;
- Their permissible load capacity is 36 tons, and the transport speed is 120 km/h;
- Durable construction: the rotating node is not subjected to heavy loads, both during the journey and during loading/unloading operations;
- No need for loading and unloading terminals.

Thanks to the development of an independent loading and unloading system, **EQUOS** ensures maximum reduction of additional costs and time savings and provides the most efficient solution to the logistical problems of the future.





EQUOS - uniqueness

Under the ends of the rotating part of the wagon body, i.e. the mobile loading platform, there are rollers to facilitate its movement on the platform/terrain. At the same time they provide additional support for the loading platform during the loading/ unloading process.

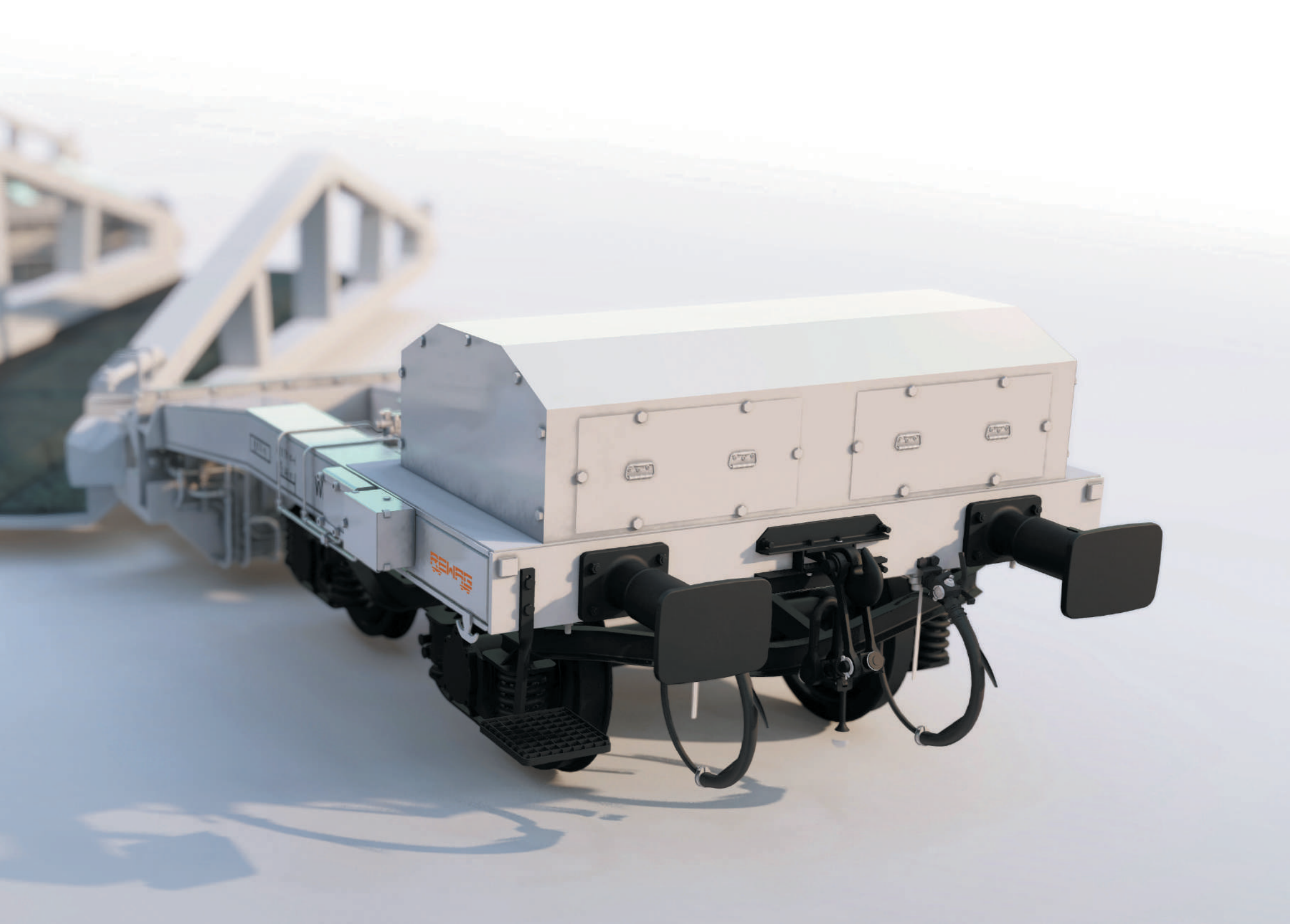
In the wagon body parts there is a mechanism enabling adjustment of the height of the wagon frame position above the bogies. This mechanism can be used during loading/unloading operations, allowing for adjustment of the height of the position of the running board of the rotating platform in relation to the platform ramp level, which allows for a collision-free invasion of the rotating loading platform together with supporting rollers onto the reinforced platform surface.



EQUOS - simplicity of loading and unloading operations

Innovative **EQUOS** wagons enable fast and convenient loading and unloading of vehicles without lifting devices, as well as self-loading and unloading without terminals and special logistic security. Only a hardened platform is required, without additional infrastructure. It is also extremely important that each wagon can be loaded or unloaded separately.

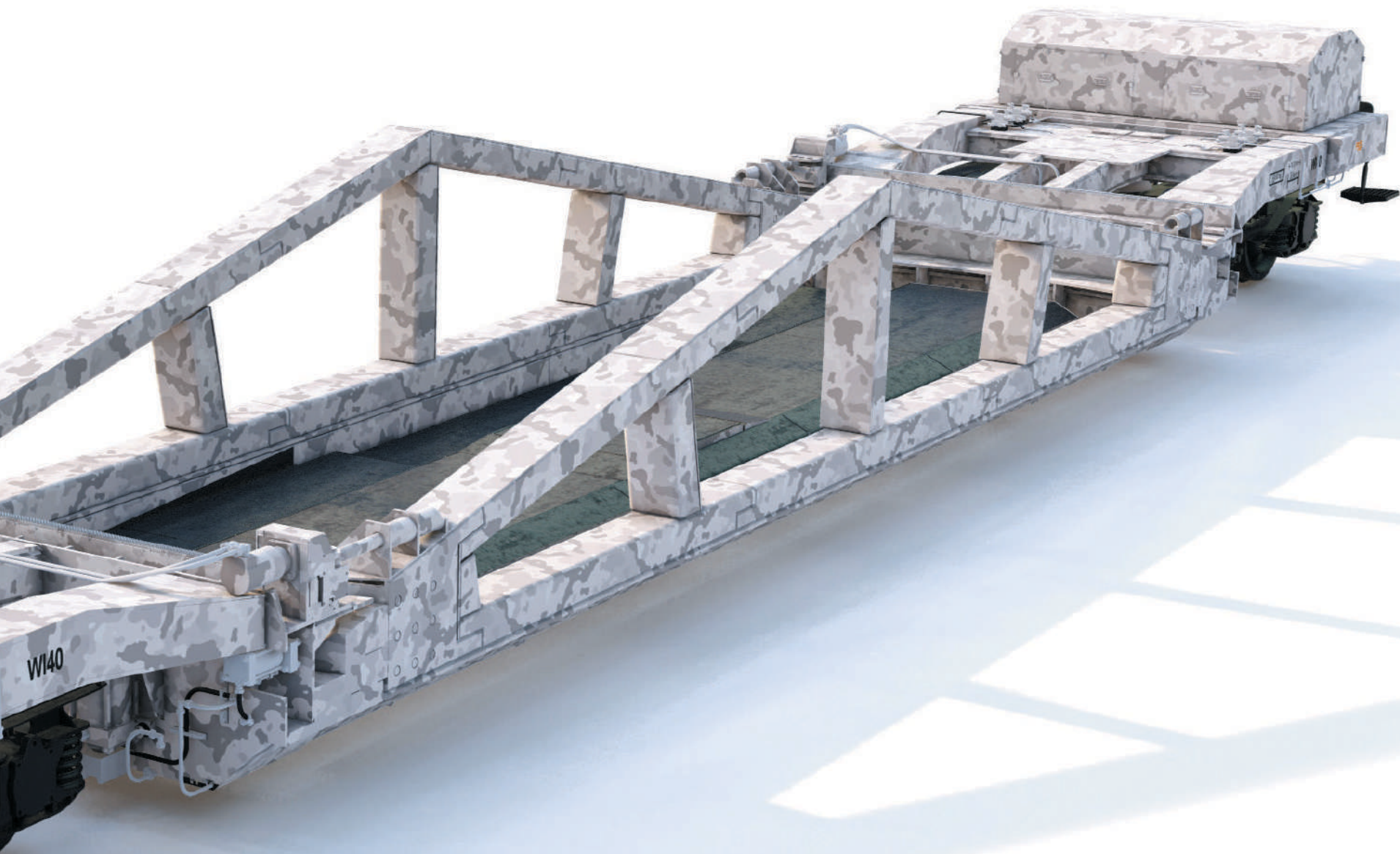




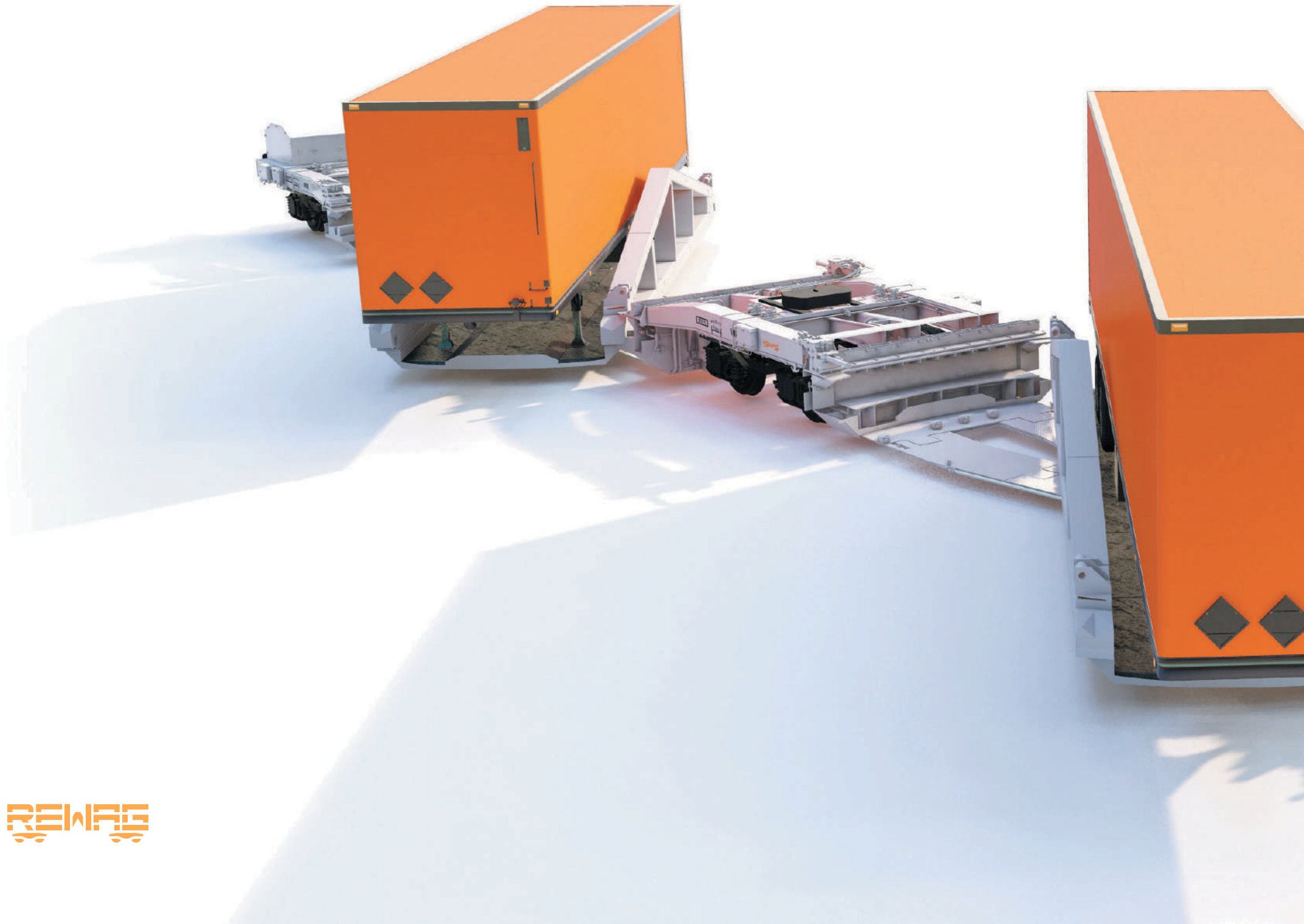
Military usage

The technology of **EQUOS WI 40 S** intermodal wagons enables and ensures free independent loading of heavy military equipment, light wheeled combat vehicles, crawlers, tanks and transport vehicles onto the wagon without additional equipment in hard-to-reach places and in so-called combat conditions. This is achieved by the autonomous rotation of the low-loading platform and the vehicle's overrun from the rail head position.





W140



Versatility and time

The wagons of the **EQUOS WI** family enable the transport of civilian trucks (semitrailers for tractor units) and heavy military vehicles, loaded without crane in any location equipped with a railway track or siding. Our solution ensures not only independent loading/unloading of vehicles, but also on each side of the wagon, thanks to which the operating time is reduced to a few minutes.



eQUO

eQUO BUILD



1 project



The EQUO S.A. Capital Group, based on many years of experience on the domestic and international market in most industrial sectors, expands its activities to include production for the railroad industry. The competitive advantage of EQUO S.A. has its source in the synergy of three strong companies: multi-industry design office Project 1, general contractor Equobuild and developer Capital High. All the mentioned companies belong to EQUO S.A. group and constitute one capital group.

EQUO S.A. is not just about construction. Our group deals with many sectors of the economy, and individual companies have already had experience in the railroad industry, designing and building factories for companies from this sector. All the more so, instead of dealing with the construction of railroad lines, we decided to look for potential for our participation in production for the railroads. Therefore, it seemed natural to enter the railroad production industry - the company has full financial and technical capabilities to launch and commercialize the production of a new, innovative type of railroad wagon.

We immediately found a few proposals, but one unique one - an intermodal wagon for transporting e.g. TIR trailers, which, like a Transformers, can handle loading and unloading by itself, without additional infrastructure such as terminals. It travels faster, safer and is able to take 30% more goods on a train of the same length. There is of course more advantages of the wagon from our REWAG plant in Myszków, which prompted us to invest in this particular product. Adding to this the general trends of the European Union's economy, the already visible goals of our government and the opening of prospects for alternatives to transport after the pandemic, the result is simple - one should invest in rail, but modern.

Arkadiusz Nagieć, General Director of EQUO S.A.





- Wagon manufacturing
- Wagon service
- Production of parts for freight wagons
- Renovation of parts for freight wagons

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