

# Products for truck and trailer





## From small workshop to global player

Today's complex global markets can only be best served by companies that are equipped for these challenges. Companies like JOST. An enterprise that started 60 years ago as a family company producing ball bearing turntables, JOST has grown just as quickly as commercial vehicle manufacturing itself has changed. This former family enterprise has turned into a globally operating company with an extensive range of products. JOST products count among the most commonly used components in the truck and trailer sector. All renowned producers place their trust in them – convinced of the value of our services.

In recent years, the JOST Group has managed to expand through the acquisition of the

companies ROCKINGER, TRIDEC and Edbro. With products such as towing hitches, drawbars, steering systems and hydraulic systems, you can supplement the JOST World product portfolio perfectly and make a holistic development approach as well as noticeable optimisations in management, production and logistics possible.

We are proud of our high market share worldwide. But we also understand the responsibility that comes with this trust. We know that everyday we must use quality products to prove ourselves again and again to our demanding customers from the truck and trailer industry – and we enjoy doing so.

## The utmost in modern production – the utmost in quality

The JOST production sites throughout the world are equipped with the most modern computer-controlled production systems. Welding robots provide precision connections that withstand extreme loads while high-performance e-coating (KTL) systems guarantee optimal corrosion protection. The use of quality materials ensures the utmost

in material safety. With us, development and production, distribution and marketing, service and quality assurance all work hand in hand. We can thus guarantee the quality of our products and services and optimise it further in a continuous improvement process. Our services correspond to the defined standards of quality.







## Innovations – JOST as a system supplier

*As a leading producer, it is our duty to continue winning the market over with new innovations. Our developments focus on solutions which provide greater efficiency and make the operation of commercial vehicles easier and safer.*

### **Safe thanks to sensors**

Modern truck cockpits are unthinkable without driver assistance systems. JOST provides sensor-controlled solutions for all aspects of engaging the clutch which not only make the operation safer and easier, but also saves time.

In sensor-controlled fifth wheel couplings, sensors control the locking status and display it in the driver's cabin. An additional optional sensor helps determine the coupling height and thus helps to prevent damage to the coupling platform or the truck.

The KKS system, which completely automates the coupling process, provides even more features. All manual functions involved in the coupling process, including the connection and separation of the power cables, the pneumatic unlocking of the fifth wheel coupling and the motorised operation of the landing gear are handled by the KKS system.

Sensor-controlled fifth wheel couplings can be ordered at Mercedes Benz and Volvo as original equipment.

### **LubeTronic**

It costs precious time and takes manpower to lubricate fifth wheel couplings or towing hitches. To help do away with this, JOST offers an extensive range of lubrication solutions under the name of „LubeTronic“. The electronically

controlled grease cartridges safely lubricate fifth wheel couplings, towing hitches and dual height fifth wheel system. Since 2011 LubeTronic is a standard equipment for MAN.

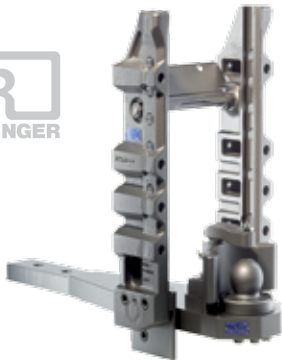
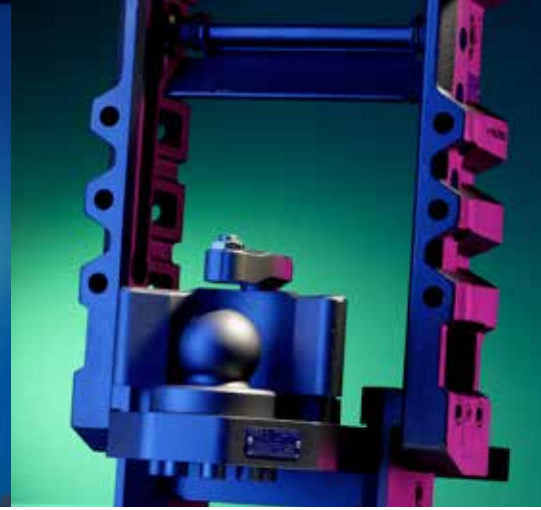
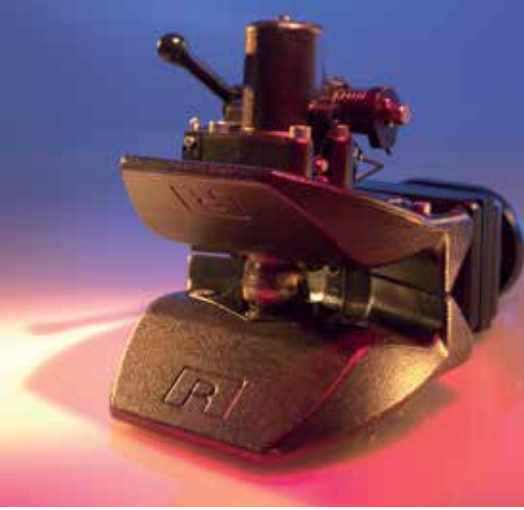
### **Remote controls and remote displays**

Today's design of articulated trains can lead to towing hitches that are difficult or impossible to connect. With the remote controls and remote displays from ROCKINGER, this is a thing of the past. The display in the cabin increases safety and efficiency, allowing hitches to be easily opened and locked – even when the clearance is not sufficient to open the towing hitch with the hand lever; it allows the hitch to be safely monitored to ensure that it is properly closed.

### **Logistics systems**

Even in logistics, the commercial vehicle industry requires high performance from its suppliers. A challenge that we gladly accept. We thus supply things such as fifth wheel couplings in all colours of the rainbow, which we will paint and deliver in the desired colour at the specified time. Our global logistics centre in New Isenburg is able to offer a suitable solution for (nearly) every customer request.





ROCKINGER has belonged to the JOST World since 2001. The Range of products includes towing hitches for every application: from standard coupling, to sensor-controlled, remotely controllable, slack-free comfort coupling – for both road use and use in agriculture and forestry. In addition to this, there are other products such as hook trailer hitches, couplings for industrial trucks and rail vehicles, or coupling heads. The range is completed by a comprehensive offer of drawbars.

### TRIDEC

Since the beginning of the 2008, the Dutch company TRIDEC has been part of the JOST-World.

As the sole developer and producer of independently manufactured trailer steering systems in Europe TRIDEC provides not only mechanically controlled steering systems for trailers; they also produce hydraulic and electronically controlled steering systems as well. Using a TRIDEC steering system, trailers

can be more easily manoeuvred and require less space to get through tight spots or curves. This saves both time and tyres and helps make it more economically efficient to utilize the vehicle fleet. Their range of products offers wheel suspensions for both double-deck and glass-transport trailers and for hydraulic suspensions and swinging axles. TRIDEC systems can be utilised in all application areas, from single axle city trailers all the way up to hydraulically steered transport platforms up to 250 tons.

### Edbro

Edbro has been a member of JOST-World since November 2012. The company located in Bolton near Manchester in Great Britain has been focussing on the development of lifting devices since its founding in 1916. Back then, company founder Maurice Edwards developed the world's first lifting device powered by a truck engine.

Edbro is today a leader in the area of vehicle-mounted hydraulic systems for commercial vehicles. The product range includes front, underfloor and dumping cylinders, as well as extension cylinders for trailers, disposal technology and customer-specific hydraulic component kits. Edbro products increase payload, reduce dumping times and deliver low-maintenance and maintenance-free solutions.

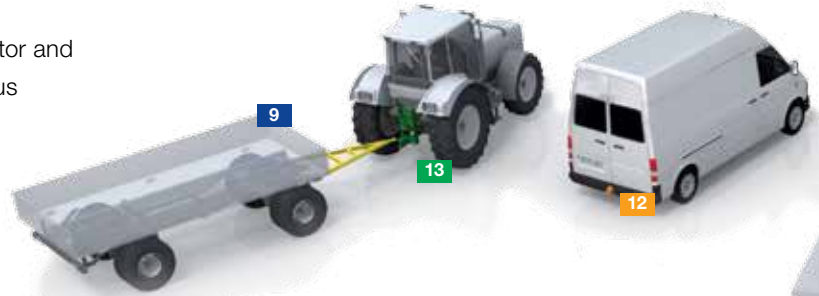






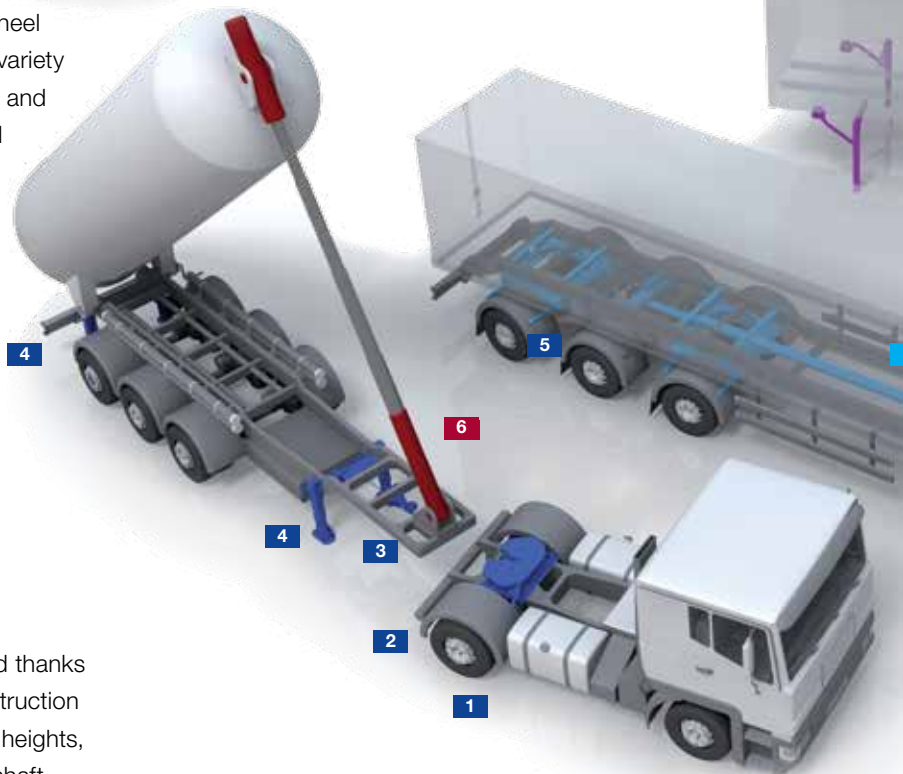
## 1 Systems

Sensor-controlled systems monitor and automate manual processes, thus providing for more safety and efficiency in your fleet.



## 2 Fifth wheel couplings

We offer a wide selection of fifth wheel couplings, 2" and 3 1/2" in a wide variety of mounting heights, bearing types and models. The program is completed by mounting plates, sliders and dual height fifth wheel systems.



## 3 King pins

King pins are available in 2" and 3 1/2" for all systems in various models.



## 4 Modul landing gear

Any customer specs can be fulfilled thanks to the landing gear's modular construction with variable mounting and bolting heights, its differing crank and connection shaft lengths and its four different foot types. Furthermore, JOST offers a multitude of special landing gears for special applications.



## 5 Hubodometer

The range of products includes various hubo-dometers for calculating the distance driven, independent of the vehicle, for all types of wheeled vehicles.



## 6 On-vehicle hydraulic systems

Edbro is a market leader in on-vehicle hydraulic systems including front end, underbody and ejector cylinders, waste handling equipment and customised hydraulic kit solutions.





### 9 Ball bearing turntables

The ball bearing turn tables and slewing rings were the first products that JOST produced. The wide range of top-quality ball bearing turn- tables is based on this experience.



### 10 Drawbars and drawbar eyes

Drawbars and towing eyes are available in various models and can be designed to suit the customer's specific needs.



### 11 Towing hitches

There is a multi-faceted range of products for road traffic available – towing hitches, hook trailer hitches, towing eyes, accessories and special models.



### 12 VARIOBLOC

VARIOBLOC is a multi-functional alternating system for transporters, cross-country vehicles and busses. Courtesy of a quick-change plate, it enables towing hitches, hitch balls or hook trailer hitches to be changed rapidly.



### 7 TRIDEC

TRIDEC develops and produces independently manufactured mechanically, hydraulically and electronically controlled steering systems for trailers and wheel suspension systems.



### 8 Container equipment

Parts for alternating systems, supports, locks and bolsters, swap body lifting devices, guide rollers and bearings – all components required in a flexible fleet.



### 13 Agricultural hitches

An extraordinarily extensive range of products for agriculture and forestry: Towing hitches, trailer trestles, clutch carriers, towing eyes, drawbars and accessories.







## Big brands under one roof

*The JOST World now houses our big brands in one comprehensive range of systems and components for the truck and trailer industry:*

# JOST

### JOST

JOST's story begins in 1952 in Neu Isenburg, near Frankfurt/Main, with the production of ball bearing turn tables. Starting in 1956, its range of products came to include fifth wheel couplings, and by 1960, it had founded its first international subsidiaries in Great Britain and South Africa. While you can today still find the foundation walls of the old forge in the company's building, the company itself has grown dramatically. JOST is in the perfect position to meet the requirements of the commercial vehicle industry.

The products for truck producers include a wide variety of fifth wheel couplings for a wide variety of applications, dual height fifth wheel systems and sliders. Trailer manufacturers will find an extensive range of JOST telescopic landing gears, ball bearing turntables, king pins and hubodometers. Another group of product offers container locks and components for alternating systems.

In recent years, JOST has introduced on the market numerous innovations in the systems sector, innovations that automate, electronically control and monitor various tasks that were previously carried out manually.



### ROCKINGER

Since its founding in 1875 by the master smith Johann Rockinger, ROCKINGER has made a significant impact on the technological development of towing hitches; their top level of quality has made them the brand name of choice in this sector. In 1927, the company introduced the first fully automatic towing hitch with the safety coupling for articulated trains. In 2013, ROCKINGER was selected for the ninth consecutive time by readers of the renowned trade journals "trans aktuell", "lastauto omnibus" and "Fernfahrer" as the *Best Brand* in the towing hitch industry.



# JOST near you

JOST products are produced for each respective market on all five continents. This guarantees close customer contact, short distances and the suitable range of products at market-appropriate prices.

This also ensures that original replacement parts are provided in the least time possible, any where in the world. This can only be offered by truly global producer such as JOST.

And you can find the appropriate replacement parts, in the internet, any time, no matter where you happen to be.

It is, however, a fact that for all the variety, product quality and service are still the deciding factors when choosing what to buy. These are thus the aspects that we will continue to optimize worldwide.

## Branch offices and production sites can be found in:

Australia  
Belgium  
Brazil  
China  
England

France  
Germany  
Hungary  
India  
Italy

Japan  
Poland  
Portugal  
Russia  
Singapore

Spain  
South Africa  
The Netherlands  
The USA

# There for you, every day and worldwide

You can find out everything about us and our products, 24 hours a day, 365 days a year, anywhere in the world, at [www.jost-world.com](http://www.jost-world.com).

Electronic catalogues, documentation, operational manuals, repair instructions, current news and much more. Have a look!

