

# Roof Diffusor

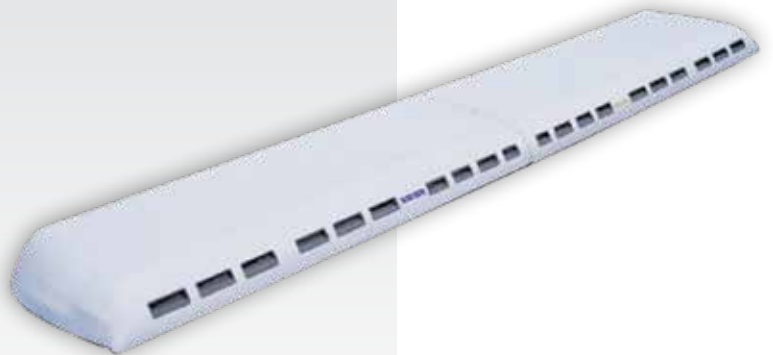


Fuel savings and  
CO<sub>2</sub> reduction

Eco-friendly



Fuel-saving





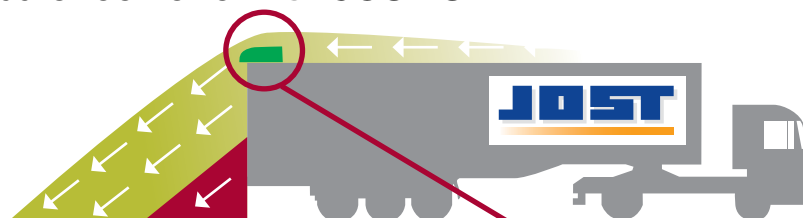
## JOST SDR diffusor

*JOST SDR has a positive effect in reducing air turbulence at the rear of the vehicle. The air flowing over the roof is directed through the turbulent zone by the JOST SDR diffusor, significantly reducing the drag effect caused by the turbulent air.*

### Turbulence zone without JOST SDR



### Turbulence zone with JOST SDR



#### How does JOST SDR work?

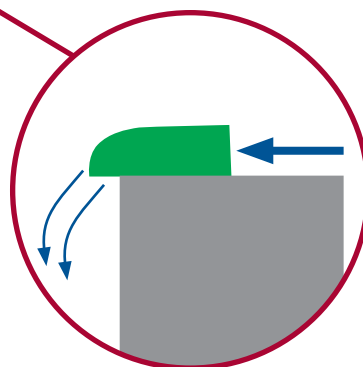
The JOST SDR diffusor reduces the turbulence immediately behind the vehicle by >50%. Resulting in a reduction in „Drag“, and an improvement in fuel economy.

#### What are the savings?

- Savings up to 1.4 l/100 km\*
- Savings up to 2,100 l/LKW/year\*\*
- Amortisation: within 4-6 months

\* At an average consumption of 34 l/100 km

\*\* At an annual kilometre total of 150,000 km



**Fuel-saving**





## Efficient technology

*JOST SDR – an innovative, environment-friendly product for the transport industry*

### JOST SDR and its advantages

The JOST SDR diffusor is a patented, aerodynamic airflow system that is installed at the rear of a trailer and which results in fuel savings of up to 4%.

- Wide range of applications on different commercial vehicles and trailers
- JOST SDR is maintenance-free after installation
- Can be painted in all company and vehicle colours
- Improves cleanliness of rear doors

### JOST SDR supports „Green Logistics“

JOST SDR improves the „carbon footprint“, because it enables a reduction in fuel consumption and thus results in reduced pollution.

- CO<sub>2</sub> is reduced by approx. 5.0 t per truck and year\*
- JOST SDR reduces CO<sub>2</sub> emissions and complies with current and future requirements specified by the EU environment regulations

\* Calculated on the basis that 1 l diesel fuel corresponds to 2.6 kg CO<sub>2</sub>.

## Eco-friendly



### Road safety

JOST SDR improves the field of vision for the following traffic during poor weather conditions such as rain, snow or dusty air.

- Reduces spray mist during poor weather conditions
- Improves the aerodynamic stability

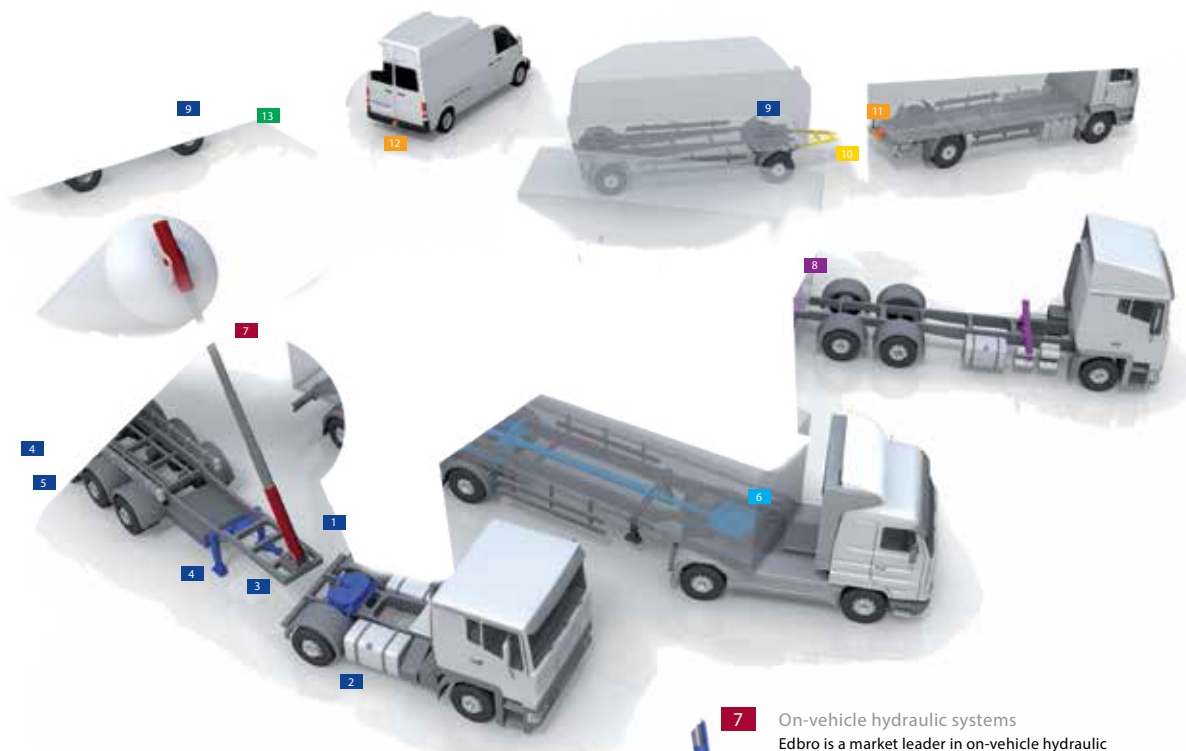
### Vehicle types on which the JOST SDR can be installed:

- Motor vehicles
- Semi-trailers (box, curtain sider and reфриgerated bodies)
- Trailers





# Products JOST-World



- 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 hubometers for calculating the distance driven, independent of the vehicle, for all types of wheeled vehicles.



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



- 7 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.



- 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.



- 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.



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

**JOST** **ROCKINGER** **TRIDEC** **Edbro**

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