



we think transport



BPW products already fulfil the requirements of the EU simulation tool VECTO.

Nov 17, 2022 10:00 CET

EU requires climate-friendly trailers from 2024 onwards: BPW products fulfil the requirements for VECTO certification of trailers

- Transport sector fails to reach climate targets - EU acts with stricter certification
- VECTO quantifies positive climate effects through trailer technologies from BPW
- CO₂ bonus due to less weight and better air and rolling resistance

- **Bernd Rhein: "Vehicle operators profit from transparency in the trailer market"**

Wiehl, 17/11/2022 --- The trailer has a significant impact on how economical and climate-friendly the transport is. The EU has also recognised this; from 2024 on the EU will be certifying trailers according to their CO₂ emissions. BPW products already fulfil the requirements of the EU simulation tool VECTO, which makes it easier to compare trailers and rewards climate-friendly technologies with a CO₂ bonus.

The EU has set ambitious climate protection targets - but these are being missed by the transport sector: Road transport of goods is increasing, which means that transport vehicles' CO₂ emissions are also increasing. Therefore, in addition to towing vehicles, the EU will set fleet thresholds for trailers for the first time from 2024 on. This should reduce CO₂ emissions from towing vehicles by 15 percent until 2025 and by 30 percent until 2030 compared to the 2019/2020 reference period. Trailer manufacturers who fail the yet to be defined fleet consumption targets can expect fines.

1- to 3-axle semi-trailers will be certified, as well as central axle and turntable trailers. This includes all trailers with box-shaped structures, i.e. solid box vans, as well as Curtainsiders. The trailers' CO₂ emissions are determined using software specially developed for this purpose: The simulation program "VECTO (Vehicle Energy Consumption Calculation Tool) for Trailers" calculates different usable loads and dimensions, but also takes into different bonus factors: This is how the reduced fuel consumption results in bonus factors of up to 4.5 percent through the use of lifting and steering axles and depending on the driving cycle. The use of lightweight running gear is also rewarded.

The BPW Group fulfils the EU climate protection targets for trailers: BPW has been demonstrating the [CO₂ and fuel savings](#) of its trailer solutions for years, along with specific figures about reduced tyre wear and other system advantages relevant to the economics of transport.

BPW is a member of the VECTO committees, where it advocates for considering further consumption-reducing solutions. These include, among other things, regenerative braking axles that generate power for electric cooling units while driving.

Bernd Rhein, Application Engineering Manager at BPW: "There are still a few unanswered questions before the final design of the certification. More consideration of the benefits of transport would be desirable. A high-volume transporter that makes maximum use of the legally permitted dimensions, for example, might get a worse rating than a standard vehicle according to the current plan. Longer vehicle combinations and drawbar trailers with more than three axles are also lacking. A little more fine-tuning is needed to realistically reflect the economic factors and climate-friendliness of these vehicles. In principle, we are headed in the right direction. The regulation is a great advantage for innovative vehicle manufacturers and their system partners. It creates more transparency and comparability, where previously the sales price was the main focus. The new trailer certification will be a win-win situation for our environment and for vehicle operators."

About BPW Bergische Achsen Kommanditgesellschaft

BPW Bergische Achsen KG is the parent company of the BPW Group. With around 1,500 employees, including around 100 trainees, the family-run company has been developing and producing complete running gear systems for truck trailers and semi-trailers at its headquarters in Wiehl since 1898. BPW's technologies include axle systems, brake technology, suspension and bearings. BPW's trailer axles and running gear systems are in use in millions of vehicles around the world. An extensive range of services also provides vehicle manufacturers and vehicle operators with the opportunity to increase economic efficiency in their production and transport processes. www.bpw.de/en

About the BPW Group

The BPW Group researches, develops and manufactures everything needed to ensure that transport keeps moving and is safe, illuminated, intelligent and digitally connected. With its brands [BPW](#), [Ermax](#), [HBN](#), [HESTAL](#) and [idem telematics](#), the company group is a preferred system partner of the commercial vehicle industry around the globe for running gear, brakes, lighting, fasteners and superstructure technology, telematics and other key components for trucks, trailers and buses. The BPW Group offers comprehensive mobility services for transport businesses, ranging from a global service network to spare parts supply and intelligent networking of vehicles, drivers and freight. The owner-operated company group currently employs 6,945 staff in more than 50 countries and achieved consolidated sales of 1.632 billion euros in 2021. www.bpw.de/en

Contacts



Robin Becker

Press Contact

Media Manager Corporate Communications

BeckerR@bpw.de

+49 (0) 2262 78-1905