

PRESS RELEASE

Always on track with AL-KO ATC

Anti-spin system now also available for trailers - 2LINK connectivity system brings sensors into the trailer

Hanover, September 2018

Which driver of car and trailer doesn't know this? Small evasive manoeuvres, cross winds on bridges or wind pressure during overtaking can quickly cause a trailer to lurch. AL-KO Vehicle Technology offers an effective solution for this: the AL-KO Trailer Control (ATC) anti-skid system, which quickly and gently brakes the lightweight trailer and puts it back on track. The emergency system has been proven in caravans for over 10 years and has now been installed almost 200,000 times throughout Europe. The ATC is already standard equipment for many caravan manufacturers. Now, commercial trailers can also benefit from this safety technology. Requirements: The weight of the trailer must always be within a specific, clearly defined corridor. This applies, for example, to almost all construction machines on trailers, such as compressors or concrete pumps as well as car lifts, generators, mobile inclined lifts, ladders and trailer cranes. The ATC is also suitable for other special trailers such as food trailers, trailers with construction containers or traffic guidance trailers.

The ATC sensors are designed for a fixed weight range of the trailer, whereby this window should be as small as possible. The various ATC versions are precisely tailored to the actual total weight of the trailer (750 kilograms to 2,800 kilograms). The ATC permanently controls the driving behaviour of the trailer. Sensors detect even the slightest lateral movements and lateral accelerations even before a stabilization program for trailers in the towing vehicle can register the oscillating movement. In critical driving situations that cause the trailer to roll, the ATC control electronics react automatically: If the characteristic oscillation periods and vibration curves occur, the trailer brake is immediately activated by a servomotor and the trailer is gently braked. A braking power of a few seconds is enough to stretch car and trailer and restore safe driving conditions. Since the ATC sits directly on the axle and acts via the brake linkage, no intervention in the overrun device is required. The ATC sensors, the control electronics and the servo motor for the brake intervention are housed in a compact, robust and splash-proof housing. It is permanently mounted on the axle, coupled to the trailer brake and connected to the existing on-board electrical system of the trailer.

The new connectivity system AL-KO 2LINK is a perfect complement to the AL-KO Trailer Control and is now being expanded to include the next sensor. From November 2018, tire pressure can be automatically monitored

electronically and displayed directly on the smartphone. After the ATC status indicator and the electronic spirit level for levelling the trailer, this is now the third function that offers even greater safety and comfort when using the trailer.

Optimum tire pressure has a significant influence on fuel economy and tire wear - and above all on driving safety. The new AL-KO tire pressure monitoring system (RDKS) or Tire Pressure Monitoring System (TPMS) in combination with AL-KO 2LINK offers the possibility to keep an eye on the tire pressure on the smartphone while driving and thus to detect a sudden pressure loss early on. After all, the right tire pressure is the basis for optimal handling during travel.

Being on the road with the right tire pressure at all times offers decisive advantages:

- Short braking distance
- Better driving and cornering characteristics
- Less fuel consumption
- Less tire wear

The sensor of the AL-KO TPMS can be mounted directly on the rim at the tire dealer instead of a standard valve. The installation of the 2LINK-Box and the teaching-in of the sensors are possible at every trained AL-KO service point and in every AL-KO customer centre. The basis for the transmission is the AL-KO 2LINK-Box. It sends the data of the internal tire pressure sensor to the smartphone via Bluetooth. The tire pressure is displayed in the AL-KO 2LINK app. It can be downloaded free of charge for common Apple and Android smartphones.

The new AL-KO tire pressure monitoring system will be available from November at a price of 129 Euro (plus installation).

Further details from September 19 to 27, 2018 at the AL-KO Vehicle Technology stand at the IAA Commercial Vehicles 2018 (Hall 13, Booth C41).

Captions:

ATC Anbau: The Anti-Sling System AL-KO Trailer Control (ATC) is mounted on the trailer axle and intervenes directly via the brake linkage. This means that no intervention in the overrun device is required.

ATC Trailer: Proven with caravans for many years, useful trailers can now also benefit from the AL-KO Trailer Control (ATC) anti-slinging system. Requirements: The weight of the trailer must always be within a specific, clearly defined corridor. This applies, for example, to box trailers, food trailers or trailers with construction containers.

ATC Product: The AL-KO Anti-Sling System AL-KO Trailer Control (ATC) intervenes when the trailer starts to sway. The complete ATC sensor system, the control electronics and the servo motor for the brake intervention are housed in a compact, robust and splash-proof housing.

AL-KO 2LINK Box: The AL-KO 2LINK Connectivity System is centred on the AL-KO 2LINK Box with Bluetooth technology, which is mounted in the drawbar area of the trailer. Together with the 2LINK smartphone app, it makes the trailer chassis fit for the future.

AL-KO 2LINK Sensor/AL-KO 2LINK Sensor_Schnittdarstellung: From November 2018, AL-KO 2LINK will automatically monitor tire pressure electronically and display it directly on the smartphone. The sensor of the Tire Pressure Monitoring System (TPMS) is mounted directly on the rim instead of a standard valve.

AL-KO 2LINK App: The AL-KO 2LINK-Box sends all sensor information to the smartphone via Bluetooth. The data is displayed in the AL-KO 2LINK app.

Please direct any queries to:

ALOIS KOBER GMBH

Thomas Lützel

Ichenhauser Str.14
89359 Kötz

Phone: +49 8221 97-8239
Mobile: +49 170 9252099
thomas.luetzel@alko-tech.com

AL-KO on the Internet:

www.alko-tech.com

The ALOIS KOBER GMBH

Founded in 1931, AL-KO Vehicle Technology is today a globally operating technology company with approximately 30 locations in Europe, South America, Asia and Australia. With high-quality body and chassis components for trailers, leisure vehicles and light commercial vehicles, AL-KO stands for optimum ergonomics and functionality, maximum comfort and innovations for greater driving safety. Sophisticated innovation processes characterize the company, which has received several awards for this.

AL-KO Vehicle Technology and Dexter Axle have been united as DexKo since the end of 2015. This combination is the world's largest manufacturer of trailer axles and chassis components in the light segment. DexKo Global Inc. generates sales of over \$1.5 billion.

AL-KO Vehicle Technology