

PRESS RELEASE

Trailers can be moved easily and precisely with a joystick

AL-KO MAMMUT manoeuvring drive for mono and tandem axles up to a maximum of 3.0 tonnes

Hanover, September 2018

Known and proven in the caravan sector for years, AL-KO Vehicle Technology is presenting its MAMMUT manoeuvring drive also for the use in commercial trailers at the 2018 IAA Commercial Vehicles. This technology with all functions and features of the award-winning, powerful system is offered exclusively as an OEM solution. The system will be available in both mono and tandem axle versions with a permissible total weight of up to 3.0 tonnes. This means that even the heavyweights among the light trailers can be moved easily by one person in the smallest of spaces with the joystick of the remote control.

With the aid of the AL-KO MAMMUT manoeuvring system, the trailer uncoupled from the towing vehicle can be positioned particularly precisely and with great dexterity on site. The one-handed remote control is purely intuitive, so that full focus can be on the trailer. Soft start and stop function (the trailer is braked immediately when the joystick is released) ensures smooth starting and braking. Accurate to the centimetre, over stick and stone or on a steep slope - without effort, without the use of force and without outside help. Thanks to individual adaptation, almost any trailer - whether single-axle or tandem-axle - up to 3.0 tonnes can be equipped with the robust and durable premium manoeuvring system. The manoeuvring drive is therefore ideally suited for use in high-quality special trailers such as certain construction site trailers or sales trailers. The AL-KO MAMMUT performs its duties reliably and ergonomically, even in mobile medical stations.

The system is designed for everyday use. Even at high temperatures and loads, manoeuvring is possible without problems. The control electronics are perfectly integrated into the robust aluminium drives. Thus, they are protected against damage and moisture (IP65). The powerful drive can handle obstacles of up to four centimeters or slopes of up to 28 percent for single-axle vehicles and up to 15 percent for two-axle vehicles. The optimal contact pressure is guaranteed by an electrically controlled adjustment of the friction rollers. It is even possible to turn the trailer on the spot (360-degree rotation). The remote control with integrated "control panel" provides information on the respective system status - display of the roller position, overload, voltage and temperature. A safety system with activation via magnetic switch on the overrun device ensures that the drive is not activated unintentionally.

Depending on the version, the AL-KO MAMMUT manoeuvring drive weighs between 32 and 84 kilograms. Gel or AGM batteries with coordinated charging technology and a capacity of at least 80 Ah are recommended for operation. Since the manoeuvring system has an ABE, it does not need be registered by the TÜV.

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:

AL-KO MAMMUT_Antrieb 1: With the AL-KO Mammut manoeuvring drive, trailers can be moved easily and precisely using a joystick. The system for single-axle vehicles has 2 drives, the system for tandem vehicles has 4 drives.

AL-KO MAMMUT_Antrieb 2: The control electronics of the shunting system is perfectly integrated into the robust aluminium drives and thus protected against damage and moisture (IP65).

AL-KO MAMMUT_Mobile Sanitätsstation 1+2: Thanks to individual adaptation, almost any trailer up to 3.0 tonnes can be equipped with the robust and durable AL-KO MAMMUT premium manoeuvring system. This photo shows the use in a mobile medical station.

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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.