FOR SAFE DOCKING WITH LOADING RAMPS

BPW Soft Docking 15171201 e
RTS-RIEGERTEAM.DE

LESS COLLISION DAMAGE THROUGH SAFE REVERSING

More than a third of all damage to trailers occurs when reversing. The Soft Docking reversing aid from BPW helps to prevent expensive repairs and the down times caused by these. Based on damages occurring with average frequency, this means the system will pay for itself in under six months. When connected to the ECO Tronic EBS, Soft Docking automatically slows down the trailer – with adjustments for speed and load. Retrofitting the reversing aid is simple.

For more information:
just scan in the QR Code!

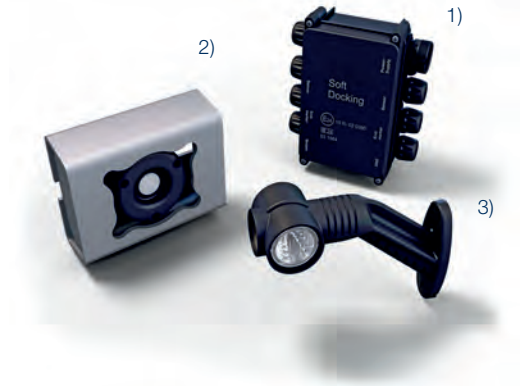
Soft Docking operating mode

While the trailer is being reversed, two ultra-sonic sensors mounted on the left and right of the rear measure the distance to the loading ramp. The Soft Docking control device connected to the EBS processes the information regarding the distance.

From a distance of 3 m or less, LED warning lights and a warning sound are activated. After being suitably adjusted for speed and load, the trailer is automatically slowed down for two seconds 1 m before the ramp.

As an aid to the driver, the positioning lights remain on continuously below 0.5 m and the warning signal sounds continuously. For night-time deliveries, the warning sound can also be set to silent after engaging the reverse gear twice.

System components



1) Soft Docking Distributor including electronic control unit, 2) Adjustable sensor in protective housing, 3) Warning marker light (optical warning signals).
Not shown: power supply cable, reversing alarm (summer), AUX connection cable to the EBS.

Your advantages at a glance

- Prevention of collision damage through automatic slowing down
- Simplified docking with audible and visual warnings
- Reliable and safe docking, day and night
- Quiet night-time operating mode
- Staged braking pressure, adjusted to match load and speed
- Stand-alone solution and therefore also ideal for changing tractor units
- Simple installation and retrofitting of the components
- Quickly pays for itself in less than six months (on average)

Technical Data

General

Operating voltage/temperature	24 V/-30 to +65 °C
Voltage range	19 to 32 V
Current consumption	< 300 mA (entire system)

Ultrasonic sensors

Max. range	2500 mm
Min. range	350 mm
Detection angle	15°

BPW Bergische Achsen Kommanditgesellschaft
P.O. Box 12 80 · 51656 Wiehl · Phone +49 2262 78-0
info@bpw.de · **www.bpw.de**