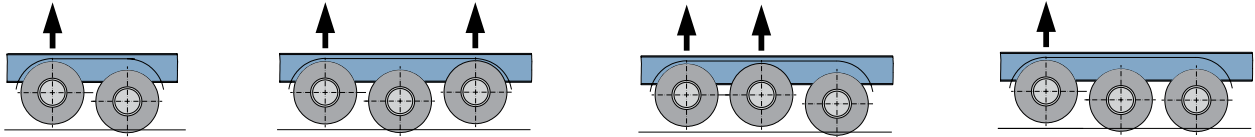
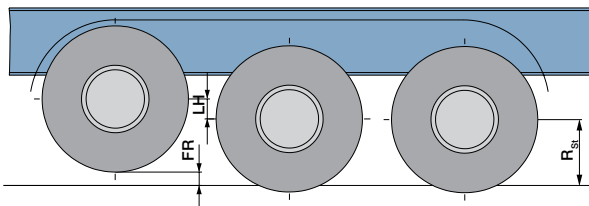


# To lift axles and reduce costs. With BPW axle lift devices.

Axle-lifting devices protect the tyres when the trailer is unladen or only bearing a light load; reduced rolling resistance will lead to fuel savings, amounting over long distances to extra money in your pocket. BPW air suspension axle can be fitted with axle lift device. At tandem axle suspensions one axle can be lifted, at tri-axle suspension maximal two axles can be lifted.



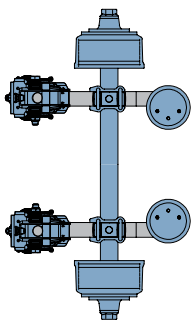
## Lift stroke



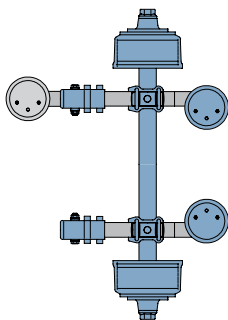
FR = Clearance  
LH = Lift stroke  
R<sub>St</sub> = Tyre radius, static load  
R = Tyre radius, unladen

Ground clearance under the tyre  
 $FR = LH - (R - R_{St})$   
LH min. 100 mm

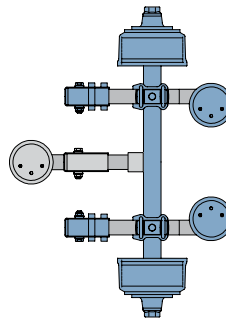
Two-sided lift



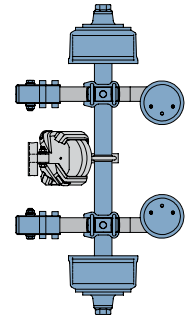
Lateral arrangement



Central arrangement



Central lift



More information:

▶ BPW axle lifts (page 51) ▶ BPW NEWS Luft 05/08 ▶ BPW installation instructions for air suspension systems (BPW-EA-Luft...)