



**InnoTrans 2018**  
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**INNOVATIONS  
AND TRENDS**

### 3-axle bogie



Reduced weight, radial steering wheelsets and easy maintenance

The 3-axle bogie type 3ALs1o-K(V) is designed to equip heavy freight wagons with a maximum weight of 25 t/axle. It is constructed in accordance with UIC and EN requirements. The weight is ca 7,6 tons. The bogie consists of 3 wheelsets with a diameter of 920 mm, a welded bogie frame, suspension with progressive leaf springs, fixed side bearings and a clasp brake using composite blocks 2xBg. If required the bogie can be equipped with a weighing valve.

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Subject to further change