

## Trailing bogies TB 201 for the double deck sleeping cars of VR Ltd (Finnish Railways)



### Factsheet 4.00013

#### Details

##### Project details

• Customer:	Talgo Oy
• Time frame:	
- Conception	2003
- Realisation	2004 to 2005
- Delivery	2005 to 2006

##### Technical data of the bogie

• Track gauge:	1 524 mm
• Axle distance:	2 500 mm
• Wheel diameter (new):	920 mm
• Mass:	7 300 kg
• Bogie loading (statical)	300 kN
• Maximum speed:	200 km/h
• Delivery (without options):	46 bogies

##### Technical data of the Edm

• Mass:	63,5t
• Axle load:	19t
• Maximum speed:	160 km/h
• Delivery (without options):	20 cars

#### Contact

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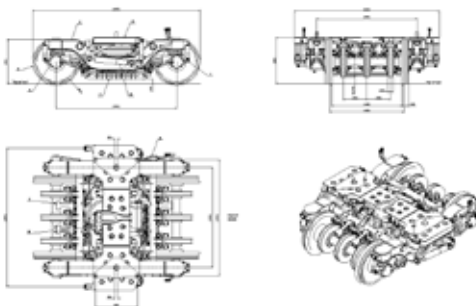
#### Customer Requirement

Talgo Oy was commissioned by VR Ltd (Finnish Railways) with the supply of 20 double deck sleeping cars type Edm. The vehicles will be equipped with bogies designed and built by PROSE / Winpro.

The production of the bogies takes place with Winpro in Winterthur under the technical supervision of PROSE.

#### Customer Advantage

The TB201 bogie has been developed, manufactured and delivered on time. The development of this type of bogie makes Talgo Oy independent from the supplies by competing railway rolling stock manufacturers.



Three side view of the TB201-bogie



Design study of the new double deck sleeping cars, which are based on the Finnish ICS double deck car (picture: Talgo Oy)

#### Realisation

The development of the bogie including the structural tests and further tests as well as the elaboration of the documentation is performed by the development team of PROSE.

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