

OFFICES



METRO/EMU/DMU/PASSENGER



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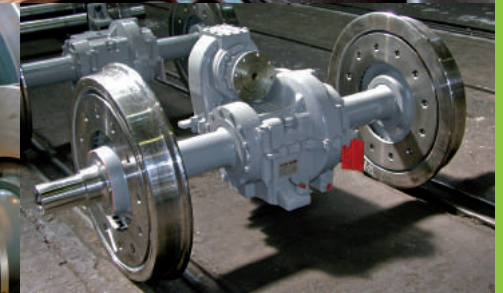
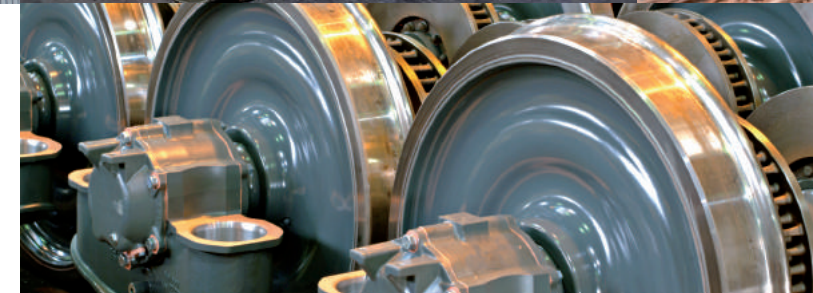
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## Metro

### *Silent Wheels on Track*

GHH-BONATRANS GROUP is providing Metro solutions to all 5 continents:

Regardless which application or requirement, we can provide tailor made solutions. We pay special attention to noise reduction having achieved up to 30 dB(A) lower noise levels compared to wheels without noise absorbers.

#### Cities with Metros running on GHH-BONATRANS Wheels / Wheelsets:

Adelaide, Bangkok, Boston, Cairo, Chicago, Kuala Lumpur, London, Madrid, Medellin, Mexico City, Milan, Moscow, Munich, Oslo, Paris, Prague, Rome, St. Petersburg, Valencia, Warsaw, Taipei and many others

#### Our customer base:

Alstom Transport, Bombardier Transportation, Hyundai Rotem, Siemens Transportation, Škoda Transportation, Stadler Rail and many others

## EMU/DMU/Passenger

### *Increased resistance to rolling contact fatigue*

For this type of transport served usually by electric (EMU) as well a diesel (DMU) multiple units with distributed power and typical maximal speed between 160 and 200 kph, GHH-BONATRANS GROUP offers a number of alternatives of both power and trailer wheelsets. We also supply wheelsets for passenger coaches.

GHH-BONATRANS GROUP supplies to the leading global manufacturers of passenger rolling stock in Europe, Asia and America. Among our customers we serve companies such as Alstom Transport, Bombardier Transportation, CNR, CSR, GE Transportation, Hyundai Rotem, Kawasaki Rail Car, Kinki Sharyo, PESA, Siemens Transportation, Stadler Rail, Škoda Transportation, Talgo, Vossloh and many others.

#### Railways:

AMTRAK, ČD, DB, ENR, IR, OBB, PKP, RENFE, SNCB, SBB, SNCF, TOC's in GB, ŽSSK and many others