



## AM<sup>III</sup>

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Axiom Rail is a designer and supplier of innovative rail freight bogie and suspension systems, approved for use in the UK, Central Europe and the Nordic countries.

Axiom Rail also offers a comprehensive spares support network and bogie overhaul facility in both the UK and the Czech Republic to provide an unparalleled service for the after sales support of its vast OEM product range.

- Reduced maintenance
- Track friendly
- Freight friendly
- Low noise
- Speeds of up to 120km/h
- 25 tonnes per axle load

The AM<sup>III</sup> bogie became operational in 1998 and conforms to UIC, UK Rail Group and TSI standards. The AM<sup>III</sup> can therefore replace conventional bogies and may be used to upgrade older wagons.

Compared to the UIC standard bogie (Y25), the AM<sup>III</sup> has improved damping, radial wheel steering and a stiff H-frame.

### This results in the following advantages:

- Low track forces producing low bogie wear and reduced maintenance
- Track friendly - low track wear
- Freight friendly - low vertical acceleration High speed of 120km/h
- Conventional UIC interface allowing for a easy retrofit for standardised wagon designs

The AM<sup>III</sup> is currently operating successfully in the UK.

### Why choose Axiom Rail suspension systems?

- Low maintenance costs
- High axle loads
- Low noise
- High speeds
- Freight friendliness
- Track friendliness

