

Ballast Feeder System OTM

Delivers increased reballasting or backfilling capacity and flexibility!

The Ballast Feeder Systems are classed as On Track Machines (OTM), compliant to UK standards and have route acceptance RA4 (W6a). They are self-propelled and can work independently, or coupled together as multi silo wagons to supply larger volumes of reballasting or backfilling material. Each unit can carry up to 45 tonnes of materials and the integrated loading control system helps avoid the Ballast Feeder Systems being overloaded at the LDC's.

The front belt conveyor, used for material distribution, can swing 180 degrees from side to side to drop the material exactly where it is needed, in the correct volume and with a high level of precision. At the same time the BFS's transmission system guarantees safe and precise vehicle movement inside possessions.

The BFS's transmission system is well proven and has demonstrated itself as safe and very reliable. The Ballast Feeder System is designed to operate together with Railcare's Railvac OTM air/vacuum excavators and

the complete Railcare removal/backfilling set up offers a unique industrial approach to the time-consuming removal, reballasting or backfilling process. Always non-intrusive and with all components in situ!

Some of the key features of the Railvac OTM & Ballast Feeder System OTM:

- Synchronised capacities – Maximum use of the possession
- Both systems can work under live OLE without isolations – Increased production
- The correct volume in the right spot reduces need for track workers – Increased safety

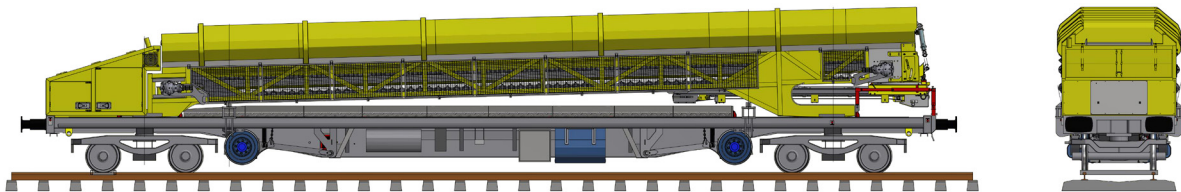
Railcare's Ballast Feeder Systems are dead hauled to and from site, together with the Railvac OTM's and once disconnected it transforms into a self-propelled OTM in a few minutes.



Ballast Feeder System - Technical specifications

Dimensions

Length – Overall	20.59 m
Length – Headstock	19.35 m
Length – Bogie centres	15.05 m
Weight – Tare (maximum)	45 tonnes
Weight – Laden	90 tonnes
Axle load – Laden	22.5 tonnes
Loading gauge	W6a



Carrier

Wagon model	KFA
Design code	KF058A

Speeds

Speed – Hauled in train formation	62 miles/h (100 km/h)
Speed – Self-propelled	3 miles/h (5 km/h)



Handling capacities

On-board storage	45 tonnes
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Machine data

Engine power	2 x 55 kW
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Belt conveyor working range

Horizontal from centre of track	5.4 m
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