



# EuroRail



James Fisher Prolec's Euro Rail is designed for road-rail Vehicle's (RRV's) and integrates height and slew limitation with virtual wall control to maximise safety during rail operations. Having a James Fisher Prolec compliant RRV maximises your working range, enabling you to work right to the edge of your safe zone and stop reliably every time.

EuroRail is fully compliant to **EN15746-1** and **EN15746-2** standards having been developed specifically to comply with the stringent European rail body working regulations for road rail vehicles.

The system is also fully compliant to **EN13849** standards and all safety related parts of the system are failsafe. Prolec's system enables safeguarding of your assets and ensures full compliance to the relevant regulations and standards.

## Suitable for:

- RRV Excavators

## Features:

- Fully compliant to local rail authority codes
- Maximises lifting and slewing capability through unique hardware
- Multiple inputs and duties available without further cost
- Tandem lift function available

## Options:

- Integration with extending counterweights
- Access control privileges
- Multiple languages
- Tandem lifting option
- Multiple lifting points: set separate lifting points with individual load characteristics





### Functions:

- Tandem lifting control mode prevents overload between machines (hardware required)
- James Fisher Prolec's 'lift planner' software
- High performance height and slew limiter
- High integrity virtual wall control
- High-reliability slew encoder with measurement checking
- Real-time indication of axle lock status
- In-gauge lock function
- Full traceability and fault finding on screen and via downloadable data log
- Multiple lifting points: set separate lifting points with individual load characteristics

### Features:

- Backwards and sectored stability
- On-screen and printed load charts
- Multiple duties for differing conditions (e.g cant) down to 5°
- Full traceability and logging for audit purposes (approximately 30 day's usage)
- In-gauge lock function
- Key switches (override and supervisor) provided
- Context-specific icons displaying current state of load and envelope control
- On screen display of pre-set limits; axle and cant status
- Access control privileges
- Languages: multiple as required (extra cost may be incurred)

### Technical specifications:

- Display daylight viewable
- Input voltage 10-30v
- Operating temperature range: -20 C to 60 C
- Touch button input on display
- CAN communications protocol
- Industry standard M12 connectors

### Standards and tests:

- Designed to meet EN15746-1; EN15746-2 and EN13849 standards
- SIL2 equivalent safety (performance level D) for RCI, height and slew functionality

