



Prolec PME Euro Rail

Road-Rail Excavator Load and Envelope Control



Safeguard your rail operations with Prolec Euro Rail.

Designed specifically for the safety-critical road rail market, Prolec's Euro Rail system combines a full range of controls on load (RCI and RCL), height and slew.

The system is fully compliant to EN13849-1:2015, EN15746-1:2020 and EN15746-2:2020 standards, and has been developed specifically to comply with European rail body working regulations for road rail vehicles.

Benefits:

- ▶ Real-time display of height and slew
- ▶ Indication of safe direction of movement when at limits
- ▶ Protects against hazards next to and above the machine
- ▶ Allows operators to work up to the maximum lifting capacity
- ▶ Keeps operator within safe working load (SWL)
- ▶ Monitors boom, artic, dipper, slew

Why choose PME?

- ▶ Protects operators
- ▶ Simple to use
- ▶ Cost-effective
- ▶ Trusted worldwide
- ▶ Data logging standard

Use the right machine for the job, even in a confined space.

Data Logging is standard on all PME systems. Together establishing a working environment that is not only efficient but, more importantly, safe.





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Standard Features:

- ▶ Optimised real time lifting safety throughout the range
- ▶ Backwards and sectorised stability
- ▶ Cant detection and multiple duties
- ▶ W6a gauge monitoring with in-gauge lock for transportation
- ▶ On-screen and printed load charts
- ▶ Online lift planner
- ▶ High Integrity virtual wall and control up to pre-set slew limit
- ▶ Slew system utilises high-reliability absolute shaft encoder with measurement checking
- ▶ Full traceability and logging for audit purposes (**4GB capacity approx 6 months' usage**)



Configurable Features:

- ▶ Multiple extra inputs available (e.g. axle-lock, bogie position) as required
- ▶ Languages: multiple as required
- ▶ Single display showing all functions at a glance
- ▶ Hazard states displayed: safe; warning; overload
- ▶ EN13849-1:2015 Performance level D

- ▶ **Height and Slew Limiters:**
These precision-engineered systems are designed to empower operators with the ability to manage complex tasks with unmatched accuracy, ensuring safety and boosting overall efficiency.
- ▶ **Trusted OEM Supplier:** our reputation extends to being a trusted supplier to multiple OEMs and rail converters, reinforcing our standing as a reliable industry partner. These partnerships underscore our expertise and the quality of our solutions, making us a preferred choice in the field.

Standards and Specifications:

- ▶ Complies with the machinery directive EN2006/42/EC
- ▶ Compliant to EN15746-1:2020; EN15746-2:2020; EN13849-1:2015
- ▶ Compliant to appropriate requirements of EN474-1:2022, EN474-5:2022, EN13000:2010+A1:2014; EN12077-2:1998+A1:2008