



Prolec PME 300

Slew limiter

 Network Rail Approved

The PME300 range protects operators and assets by monitoring and preventing the machine colliding with hazards. The solution enables users to simply define where hazards are in relation to the machine in order to create a safe working environment around it.

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Benefits:

- ▶ Real-time display of slew
- ▶ Indication of safe direction of movement when at limits
- ▶ Protects against hazards next to machine

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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- ▶ **Advanced Slew Monitoring:**
Our system offers real-time slew monitoring with unmatched precision. It ensures that machinery operations stay within safe limits, reducing accidents and minimising wear and tear.
- ▶ **Data Logging as Standard:**
Every Prolec PME 300 Slew Limiter System is equipped with data logging as a standard feature. This captures detailed operational data, enabling comprehensive post-task analysis for heightened safety and efficiency.
- ▶ **Seamless Compatibility:**
The Prolec PME 300 Slew Limiter System effortlessly integrates with a wide range of heavy machinery, ensuring smooth implementation and minimal disruptions.
- ▶ **Automatic Machine Stop:**
Going beyond monitoring, the Prolec PME 300 takes proactive action. When limits are reached, the system initiates an automatic machine stop, minimising the risk of accidents and damage.



Slew limiting explained:

Slew limiters monitor the position of an excavator's boom and dipper as they move from side-to-side, warning operators when they approach pre-set safety limits. This prevents collisions with nearby hazards such as barriers, signage and oncoming traffic, helping to protect everyone from the risks of excavator operations.

Key Features:

- ▶ Slew limiter
- ▶ Individual operator set working limits
- ▶ 4.3" daylight viewable HD display
- ▶ Simple, icon-driven menu for ease of use
- ▶ Fully sealed capacitive touch buttons
- ▶ Data logging
- ▶ Override keyswitch
- ▶ Hydraulic motion cuts
- ▶ Available for mono and triple boom machines
- ▶ (Optional) Beacon for indication of state of system

Technical Specifications:

Tested for vibration, temperature, impact and environmental protection to standards
Complies with H&S requirements on the machinery directive EN2006/42/EC
Compliant to EN474-1:2022, EN474-5:2022
EMC EN13309:2010; EN50121-3:2006
Operating temperature range -20°C to 65°C