

Prolec PME 400

Height and Slew limiter

 Network Rail Approved



The PME400 range is a combination of our trusted height and slew technologies, the PME400 systems protect operators and assets from hazards above and around your machine in one effective real-time height and slew limiting system.

Hydraulic motion cuts are standard on all PME400 systems to automatically override movement and halt the machine when movement limits are reached.

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
- ▶ Monitors boom, dipper and slew
- ▶ Proportional valve control, allowing safe work while close to movement limits

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.





PROLEC
SIMPLY SAFER

PROLEC PME 400

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Key Features:

- ▶ Height limiter
- ▶ Slew limiter
- ▶ Individual operator set working limits
- ▶ (Optional) Virtual wall technology
- ▶ (Optional) Full envelope control
- ▶ 4.3" daylight viewable HD display
- ▶ Simple, icon-driven menu
- ▶ Languages: multiple as required
- ▶ Fully sealed capacitive touch buttons
- ▶ Override keyswitch
- ▶ Supervisor keyswitch
- ▶ Hydraulic motion cuts
- ▶ (Optional) Proportional valve control
- ▶ Available for mono and triple boom machines
- ▶ External alarm
- ▶ (Optional) External beacon
- ▶ Full traceability and logging for audit purposes (**4GB capacity approx 6 months' usage**)
- ▶ EN13849-1:2015 Performance level C



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.

Height limiting explained:

Height limiters are fitted to excavators to monitor the machine's position in relation to pre-set height limits, warning operators when these are approached and improving worksite safety. This helps prevent collisions with overhead hazards such as bridges, signs and power lines, protecting operators and critical infrastructure

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, EN474-5:202
Operating temperature range -20°C to 65°C