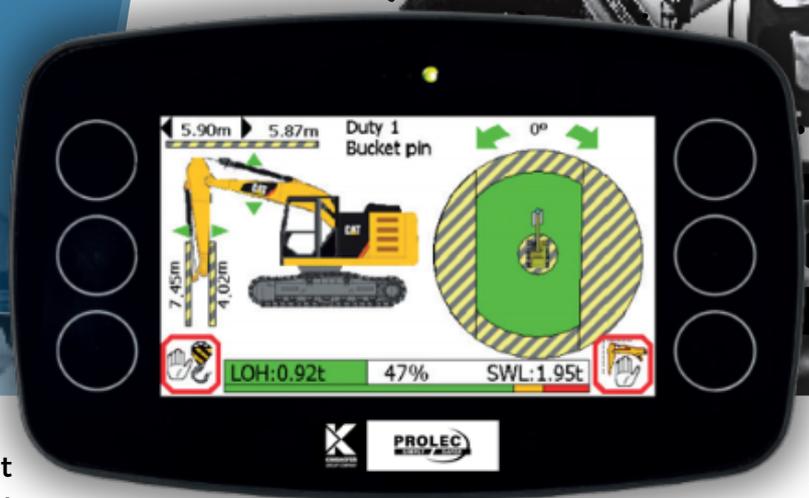




Prolec PME 500

RCI, Height and Slew limiter

★ Network Rail Approved



The PME500 range combines Prolec's market leading RCI, height, and slew technologies into one intuitive system by delivering asset and operator protection against hazards above and beside the machine, while also protecting against over-loading and tipping.

The Rated Capacity Indicator included in the PME500 range physically restricts the movement of the machine should it approach the machine's safe working load (SWL).

Hydraulic motion cuts are standard on all PME500 systems to automatically stop the machine when movement and capacity 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
- ▶ Allows operators to work up to the maximum lifting capacity
- ▶ Keeps operator within safe working load (SWL)
- ▶ Monitors boom, dipper and slew angle
- ▶ 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 PME 500

RCI, Height and Slew limiter

Key Features:

- ▶ Height limiter
- ▶ Slew limiter
- ▶ Rated capacity indicator
- ▶ (Optional) Rated capacity limiter
- ▶ (Optional) Sectorised stability duties
- ▶ 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) Magenta beacon
- ▶ On-screen and printed load charts
- ▶ Full traceability and logging for audit purposes (**4GB capacity approx 6 months' usage**)
- ▶ EN13849-1:2015 Performance level C



Rated capacity indicators (RCIs) explained:

Rated capacity indicator (RCI) systems monitor load in real time to warn operators when safe working limits are approached. Improving the safety of lifting operations, this protects operators and assets by preventing overloading to maintain excavator stability.

Height and Slew 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.

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.

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, EN13000:2010+A1:2014; EN12077-2:1998+A1:2008
 Complies with LOLER requirements for UK lifting
 EMC EN13309:2010; EN50121-3:2006
 Operating temperature range -20°C to 65°C