



# Prolec PME 200

## Height limiter and RCI

★ **Network Rail Approved**



The PME200 range allows you to use your excavator for Lifting operations, saving you the complication and expense of bringing a separate crane to site.

PME200 **Rated Capacity Indicators (RCI)** assist in meeting LOLER requirements for safe lifting.

The range includes height limitation, **safeguarding your assets and machines** when working in congested environments such as under bridges or power lines.

PME200 **physically restricts the movement** of the machine should it approach a user defined height limit or the machine's safe working load (SWL).

### Benefits:

- ▶ Continually measure the radius and load on machine
- ▶ Allows operators to work up to the maximum lifting capacity
- ▶ Keeps operator within safe working load (SWL)
- ▶ Monitors boom and dipper (plus artic on triple boom)
- ▶ Indication of safe direction of movement when at limits
- ▶ Proportional valve control, allowing safe work while close to height 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 200

## Height limiter and RCI

### Key Features:

- ▶ Height limiter
- ▶ Rated capacity indicator
- ▶ (Optional) Rated capacity limiter
- ▶ Individual operator set working limits
- ▶ 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



### 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

### 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.

### 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