



# PME100

## Real-time height limiter



The PME100 range protects operators and assets against overhead structures, including bridges, signs, and power lines. This range of systems provide real time height limitation, using a vertical working envelope, the system monitors the boom and dipper to keep a safe working environment when the limits are set. Hydraulic motion cuts are standard on all PME100 systems to automatically override movement and halt the machine when limits are reached.

### Benefits:

- Real-time display of height
- Indication of safe direction of movement when at limits
- Protects against overhead hazards
- Monitors boom and dipper (plus artic on triple boom)
- *(Optional)* Envelope includes minimum and maximum radius and low limit

### Key features:

- Height limiter
- Individual operator set working limits
- *(Optional)* Machine-based envelope
- 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 with EN474 'Earth-moving machinery – Safety'
- EMC EN13309:2010; EN50121-3:2006
- Controller tested to IP67 and IP69k, display rated to IP65
- Operating temperature range -20°C to 65°C