

Load Moment Indicator System

The sentinel load moment indicator (LMI) is a safety device that measures and displays the load moment on loaders. The load moment is a measure of the force that the load is exerting on the machine (by the boom weight and object carried).

The LMI uses sensors to measure the angle of the boom and the pressure in the piston. The LMI then calculates the load moment and displays it.

The LMI is an important safety device because it helps to prevent the overloading of the machine. If the load moment exceeds the rated capacity, the LMI will sound an alarm to warn the operator.

- Monitoring of the load to ensure the machine stays within its rated capacity limits
- Providing real-time feedback to the operator about the load status
- Preventing overloading avoiding the risk of tipping over
- Providing visual and audio pre-operational checks to ensure the safe operation of the crane
- Optional reach display: Displays how far the load is from the machine
- Optional Cabin level: further helps avoid rollovers by alerting operators when approaching unsafe tilt angles

AUSTRALIAN MADE AND OWNED

Designed & made in Australia, with local support, national installers and local engineering.

CONTACT US NOW TO FIND OUT MORE ABOUT HOW SENTINEL LOAD LIMITER CAN MOMENT IMPROVE THE SAFETY OF YOUR OPERATION.

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