



SERIES 1L LOAD MONITOR

The Series 1L monitors the load moment status of a machine being used for lifting.

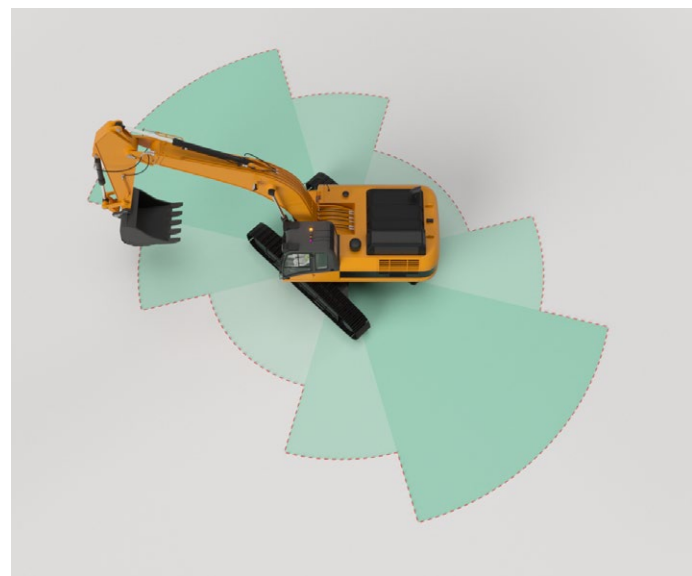
PRODUCT OVERVIEW

The Series 1L is designed to alert the operator of the potential for overload as the load status approaches the maximum lift capacity of the machine.

How the Series 1L Works

The machine operator is provided with a visual indication of load status as it passes 50%, 75% and 100% of the machine's maximum safe lift capacity, with an additional audible warning as 100% of safe lift capacity is achieved.

SERIES **1|L**

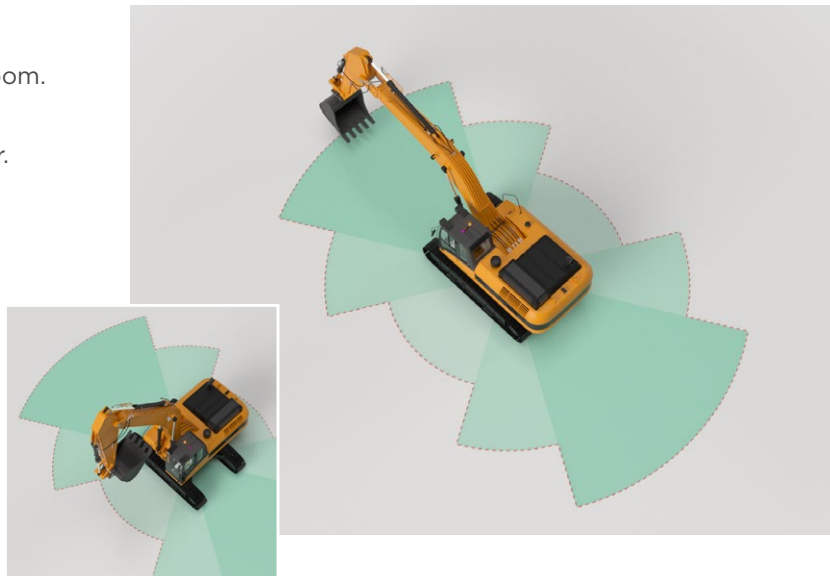


SERIES 1L SPECIFICATION

- An angle sensor fitted to the machine's primary boom.
- A hydraulic pressure transducer measuring the hydraulic pressure in the primary boom lift cylinder.
- An electronic display at the operator station.

SERIES 1L APPLICATION

The Series 1L provides accurate, cost effective capacity monitoring in the construction and utility maintenance industries for hydraulic excavators, backhoe loaders, wheel loaders and lorry-mounted cranes.



SYSTEM - TECHNICAL DESCRIPTION

Parameter Specification	Specification
Display	LED display - IP64 rated RAM® mount to window or dashboard
Slew Sensor	Gravity angle sensor and pressure transducer - IP67 rated
Motion Cut	Compatible with 12 or 24v coils

THE SERIES 1 RANGE	SERIES 1 H	SERIES 1 L	SERIES 1 S
Height Monitoring	✓		
Height Control (motion cut)	✓		
Load Monitoring		✓	
Load Control (motion cut)		✓	
Slew Monitoring			✓
Slew Control (motion cut)			✓

To find out more about the Series 1 products, contact your local GKD Dealer or visit:
www.gkdtechnologies.com

