SERIES 1-L

SERIES 1-L LOAD MONITOR

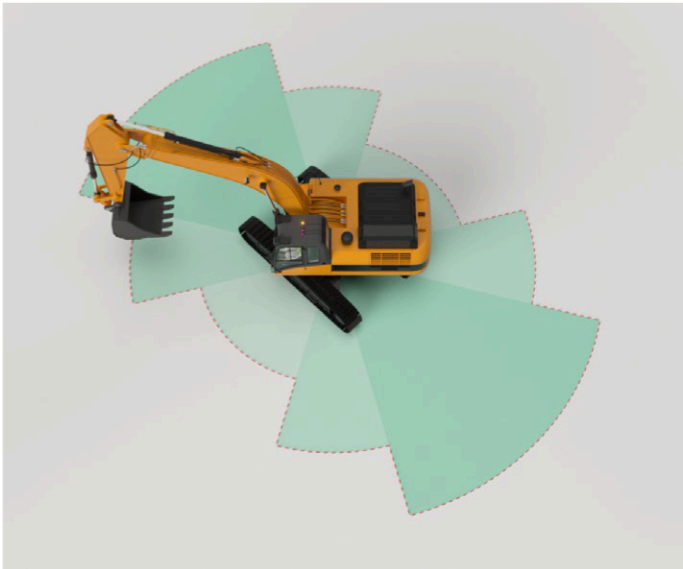
The Series 1-L monitors the load moment status of a machine being used for lifting.

PRODUCT OVERVIEW

The Series 1-L 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 1-L 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.

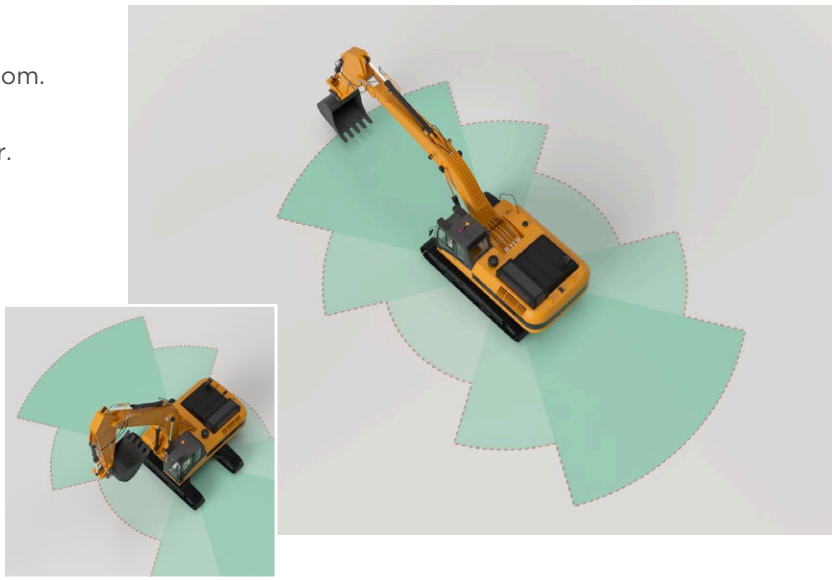


SERIES 1|L

SERIES 1|L

SERIES 1-L 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 1-L APPLICATION

The Series 1-L 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)			✓

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