SERIES 1-S

SERIES 1-S SLEW LIMITER

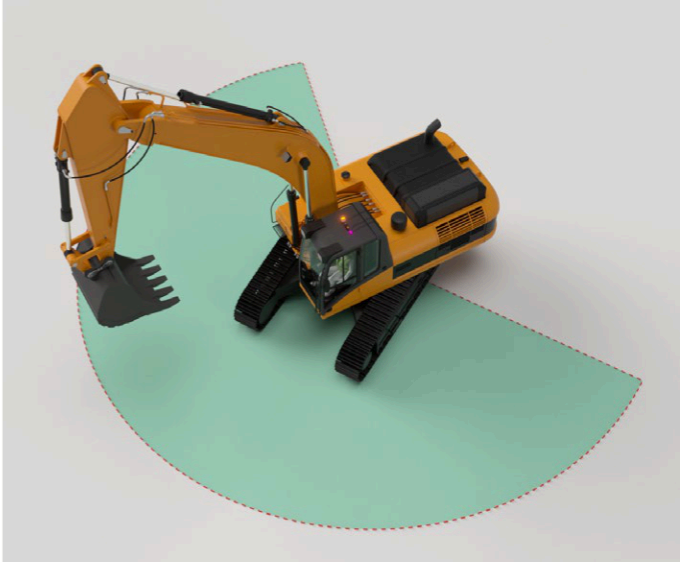
The Series 1-S is a simple, accurate, cost effective slew limiting system suitable for self-installation.

PRODUCT OVERVIEW

The Series 1-S is designed to guarantee safety and prevent machine damage when operating in confined spaces.

How the Series 1-S Works

The Series 1-S allows the machine operator to quickly and easily set left and right slew limits from the operator station. These then restrict the machine to working solely within that pre-defined slew sector.

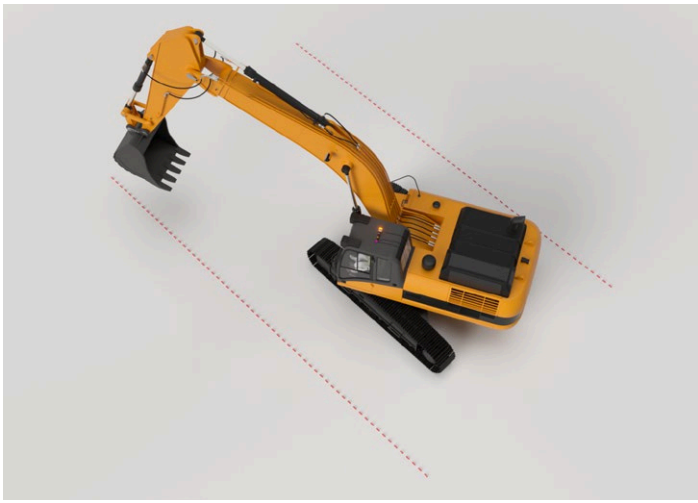


SERIES 1|S

SERIES 1-S SPECIFICATION

As the left or right slew limit is reached a hydraulic solenoid valve is released to cut off the relevant slew hydraulic service, and therefore prevent the machine from entering the exclusion zone. Slew operation in the opposite direction, back into the “safe” zone, is still permitted.

The system can be installed by any competent engineer and requires a simple rotational calibration to learn the number of teeth on the machine.



SERIES 1-S APPLICATION

The Series 1S is intended for use on excavators in the construction and utility maintenance industries, where machines are restricted to working in confined spaces and there is a requirement to limit the slew movement of the machine.

SYSTEM - TECHNICAL DESCRIPTION

Parameter Specification	Specification
Display	Integrated key switch - IP64 rated RAM® mount to window or dashboard
Slew Sensor	Proximity based sensors - 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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