

Side Pull Prevention



Stop side pull before it even happens

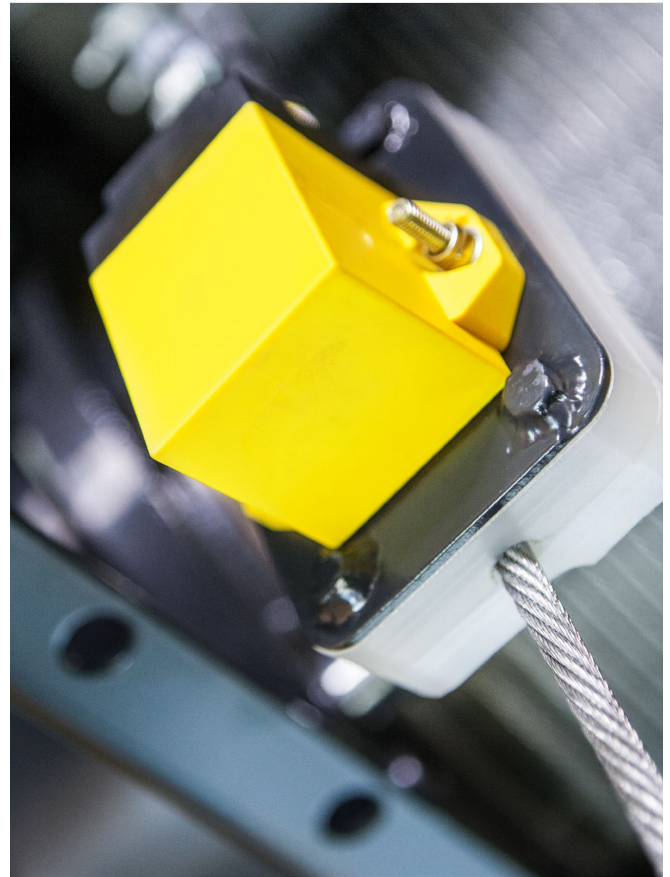
Side Pull Prevention has been designed to stop hoisting motion when side pulling is detected. A side pull occurs when the hoist lifts something that has not been placed directly beneath it.

What? Side pull prevention kit can be retrofitted to various crane types to prevent hazardous load swing and in the worst case – load drops. Side pull can also cause damage to the drum, rope and rope guides and is a common cause of breakdowns.

How? An inclinometer measures rope angle during load lifting. If the angle goes over four degrees, the system stops hoisting, sounds a horn and gives a light signal. When the rope angle is back to less than 4 degrees, hoisting continues normally.

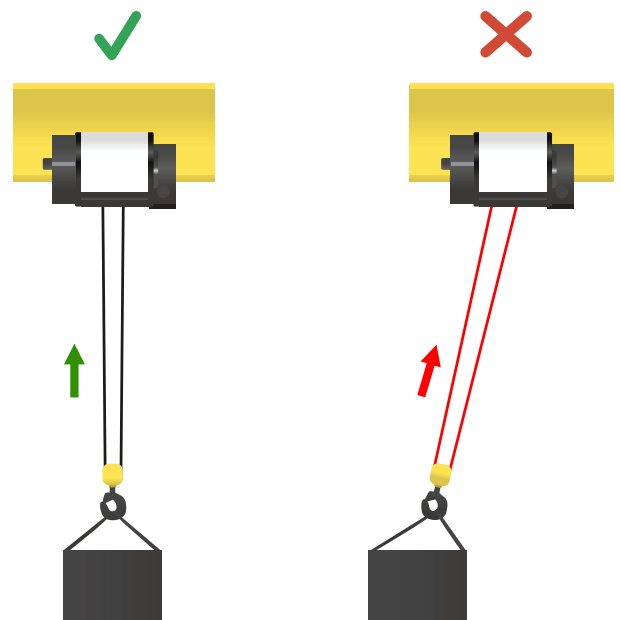
Why? Side pulling can cause breakdowns, safety hazards or injuries. Preventing side pull is a cost-efficient way to save on maintenance and improve safety.

Visit KONECRANES STORE at store.konecranes.com for a complete list of available Retrofit kits.



Benefits

- Reduces the risk of damage to the load, crane and surrounding area.
- Helps reduce wear on reeving components, including rope, rope sheaves and drum.
- Reduces the risk of downtime due to breakdowns caused by side pulling.



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