

RETROFITS

Side Pull Prevention



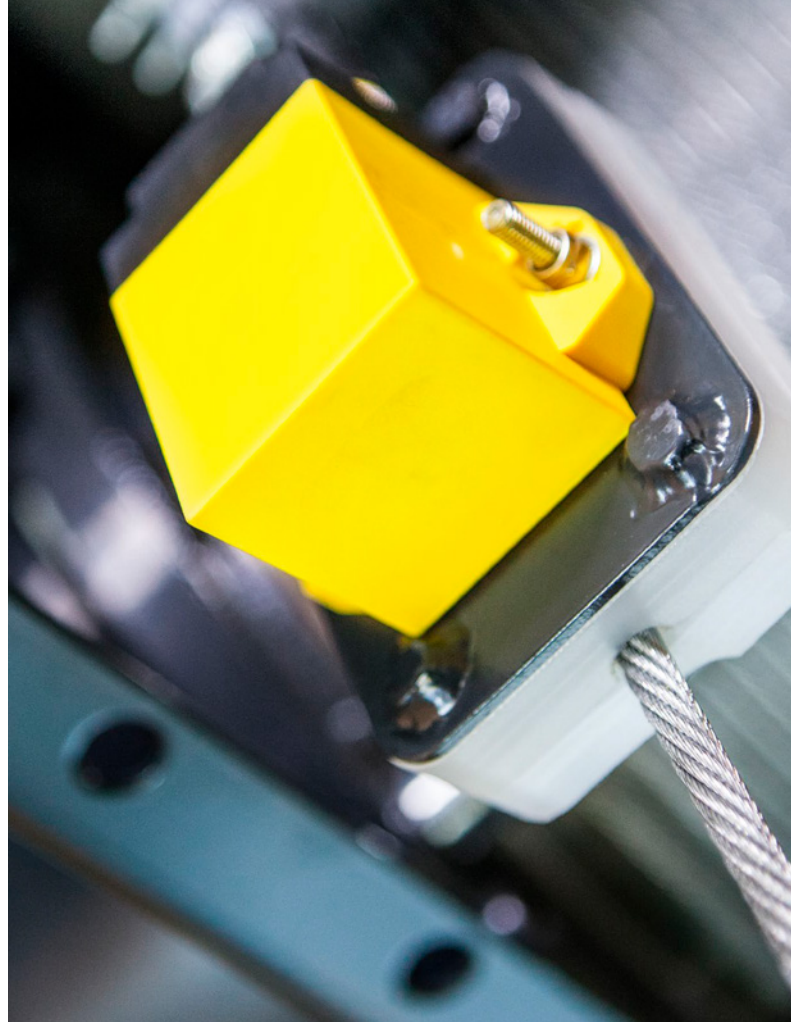
Stop side pull before it even happens

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.

Side pull can cause 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.

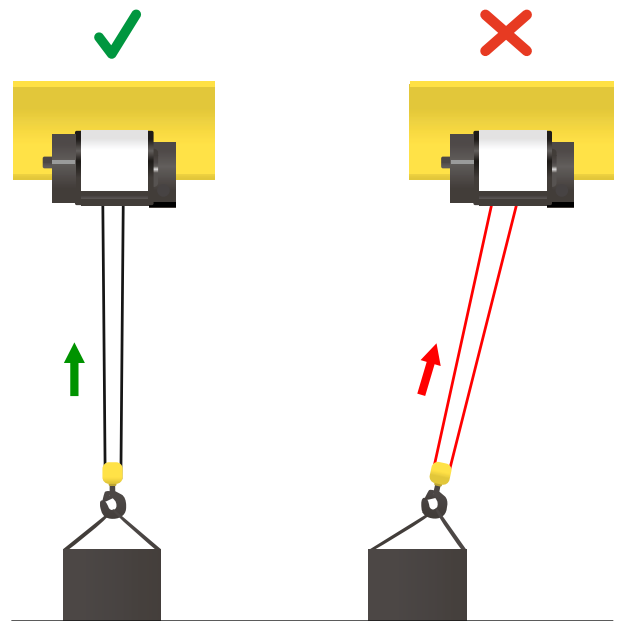
An inclinometer measures rope angle during load lifting. If the angle goes over four degrees, the system stops hoisting, sounds a horn and gives a light signal. When the rope angle is back to less than 4 degrees, hoisting continues normally.

The Side Pull Prevention kit can be retrofitted to various crane types.




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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