

# YOU'VE OUTGROWN WIRE ROPE. CHAIN WILL TAKE YOU TO THE NEXT LEVEL.

Strategic modernization for shipyards ready to grow.



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**BARDEX**  
Raising the Bar Together.

# RISK IS WOVEN INTO EVERY WIRE ROPE SYSTEM

- Hidden corrosion = hidden risk. Wire rope degrades from the inside out—often undetected until it's too late.
- Zero redundancy means zero forgiveness. In wire rope systems, a single point of failure can bring your entire operation to a halt.

Failures aren't rare—they're routine. Global data shows about one wire rope lift failure per year. One failure even happened during testing!

## BUILT TO FAIL. IMPOSSIBLE TO PREDICT.

Recognizing the risk empowers you to take control and improve safety.

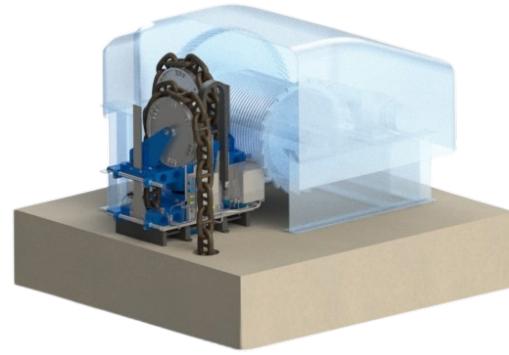


# INVEST IN RELIABILITY. DELIVER ON PERFORMANCE WITH OMNILIFT®.

A retrofit solution that strengthens your foundation for growth and resilience.

- **Retrofit without compromise.** OmniLift® integrates into existing infrastructure, avoiding the cost, downtime, and disruption of a full replacement.
- **Engineered for durability.** With solid-link chain and guided motion, OmniLift® eliminates the hidden wear and unpredictable failure modes of wire rope.
- **Built-in redundancy.** Fail-safe by design, OmniLift® offers multiple load paths to keep your operations running—even when the unexpected happens.

- **Space saving.** The chain jack occupies only one-third the space of a winch in wire rope systems.



- **Straight-line lifting.** No highly loaded winch drums or sheaves and no bending loaded lift element, as there is with wire rope
- **Options to stock spare parts in or near your facility.** Most parts are also readily available from local suppliers
- **Easy Chain Maintenance and Inspection.** Any length of chain so worn that its mean diameter at its most worn part is reduced by 4% or more from its nominal diameter is to be renewed. This is an easy visual inspection/measurement with no need to do any disassembly.



## AVOIDING CATASTROPHY: EASY AS 1, 2, 3

While the old system is still operating, the following steps are taken prior to switchover:

1. Hydraulic Power and Piping System installed.
2. Controls system installed.
3. New Equipment and Chains marshalled on site.

Switchover is then ready by simply removing the winches and ropes, and replacing them with chain jacks and chains.

### DOWNTIME IS MINIMIZED!

The choice is yours. Consequences are optional.



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