

MacGregor wire solutions for safe operation of cranes and marine lifting equipment



At your service



MACGREGOR

Designed to perform with the sea

Thoroughly tested and inspected wire rope solutions

In addition to being a leading original equipment manufacturer (OEM) of MacGregor cranes for decades, MacGregor supplies wire rope solutions which are thoroughly tested, inspected and delivered with MacGregor standard guarantee and support from our global service network.

Safety

Wire is a product that needs constant condition monitoring and visual inspection. It is extremely important to observe and visually inspect on a regular basis how the wire is running through sheaves cargo hook, spooling on drum and how the fix point/end fitting appears.

Wire is exposed to heavy loads, marine corrosive environment and, among other things, to:

- Broken wires strands
- Wear and tear damage
- Corrosion
- Bending
- Kinks

Around the world, there are several manufacturers of wire, offering variable quality and price. MacGregor wire solution is based on extensive knowledge and continuous testing of wires and crane technology.

Why MacGregor (OEM) wire

The MacGregor wire technology ensures a long service life and safe operation for your equipment.

Tolerance

There are various tolerances around the world in the context that there can be a difference between the nominal and actual diameter. Due to production tolerances, the actual diameter can be up to 4-5% higher. The MacGregor wire is manufactured to meet the operational design criteria.

Before you use flexible steel wire rope be sure to check for:



MBL (Minimum Breaking Load)

This load represents a force that is much less than that required to make the lifting equipment fail or yield, also known as the Minimum Breaking Load (MBL). Safe Working Load (SWL) or Working Load Limit (WLL) are calculated by dividing MBL by a safety factor (SF). The actual (tested) and calculated (theoretical) MBL value should not be used when considering the wire specification for your lifting equipment.

The MacGregor wire has gone through extensive testing before a certificate is issued to ensure the safety and performance of your lifting equipment and crew.

The MacGregor wire solutions are tested and developed to suit your application in order for the wire to:

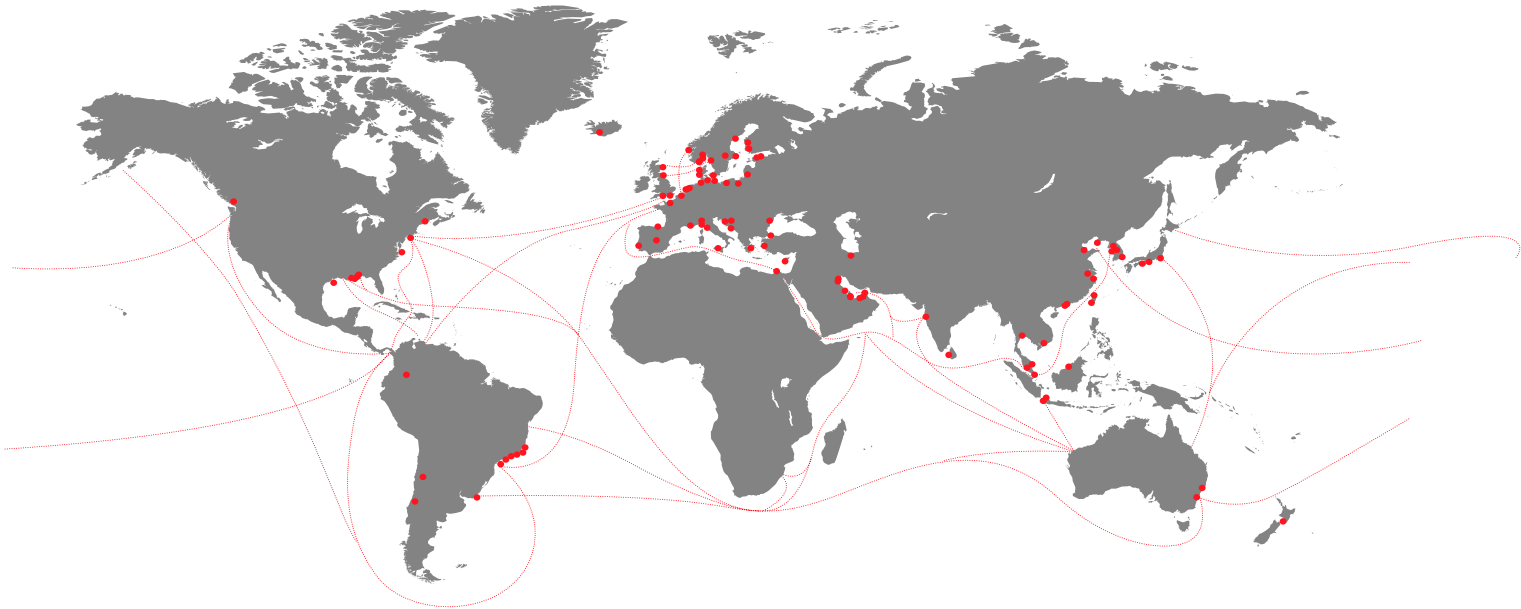
- Avoid twisting during operation
- Suit your sheave and to avoid excessive wear
- Have the correct lay for your application
- Have the correct specification for your application
- Be safe, functional and reliable in all conditions

When choosing the MacGregor wire solution, you always have access to the support from the MacGregor global service network. The MacGregor wire is stocked in strategic locations in North Europe and Asia.



Wherever needed, you can rely on our support.
We serve the following brands globally, and we also serve all others.

- Ankerlökken Marine
- Allset
- ASCA
- Becker
- BMH
- Conver-OSR
- Grampian Hydraulics
- Flintstone
- Greer Marine
- Hamworthy
- Hatlapa
- Hydramarine
- Häggglunds
- KGW
- KYB - ASCA
- KYB - Kayaba Industries / Navire Cargo Gear
- Luezhoe
- MacGregor
- MacGregor-Conver
- MacGregor-Häggglunds
- MacGregor-Kayaba
- MacGregor-Navire
- Navire Cargo Gear
- Nordströms
- Ozean Service & Reparatur
- Platform Crane Services (PCS)
- Plimsoll
- Pusnes
- Porsgrunn
- Triplex
- Vestnorsk Hydraulikkservice (VNH)



MacGregor shapes the offshore and marine industries by offering world-leading engineering solutions and services with a strong portfolio of MacGregor, Hatlapa, Porsgrunn, Pusnes and Triplex brands. Shipbuilders, owners and operators are able to optimise the lifetime profitability, safety, reliability and environmental sustainability of their operations by working in close cooperation with MacGregor.

MacGregor solutions and services for handling marine cargoes, vessel operations, offshore loads, crude/LNG transfer and offshore mooring are all designed to perform with the sea.

MacGregor is part of Cargotec (Nasdaq Helsinki: CGCBV).

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