

# Auto hook positioning

Winch compensation system for increased safety and smooth operations



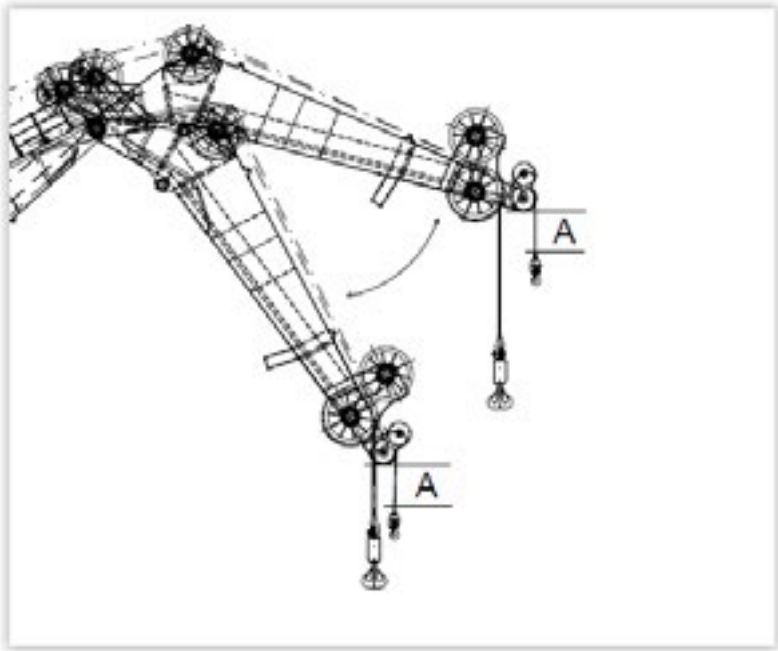
## **Keeps the distance between the hook and the crane tip constant**

Due to the crane's geometry, the distance between the crane tip and the hooks will vary when the jibs are moved. This can easily cause unwanted stop of jib movement due to hook stop activation, pendulum motions, entanglement of wires with hook stop arrangements with possible damage to components as a result.

The normal way of compensating for this is a time consuming process with deactivating the joysticks, selecting the other winch from the operator panel, activating the joysticks, running the winch, deactivating the joysticks, selecting the other winch, activating the joysticks and then continuing with the operation. Another common situation is when the jibs are moved and one of the winches must pay out wire in order to avoid hook stop.

In order to ease the operation, increase safety and save critical time a new Auto Hook Positioning function has been developed. The function is an automatic positioning function. The function will keep the distance between the crane tip and the hook close to constant by correcting the winch position automatically. The Auto Hook Positioning function will be available for the winch that is not selected for use.

The distance -A- is kept constant with Auto Hook Positioning activated.



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.

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

Published by MacGregor. Copyright © MacGregor July 2016. All rights reserved. No part of this publication may be reproduced, stored, photocopied, recorded or transmitted without permission of the copyright owner.