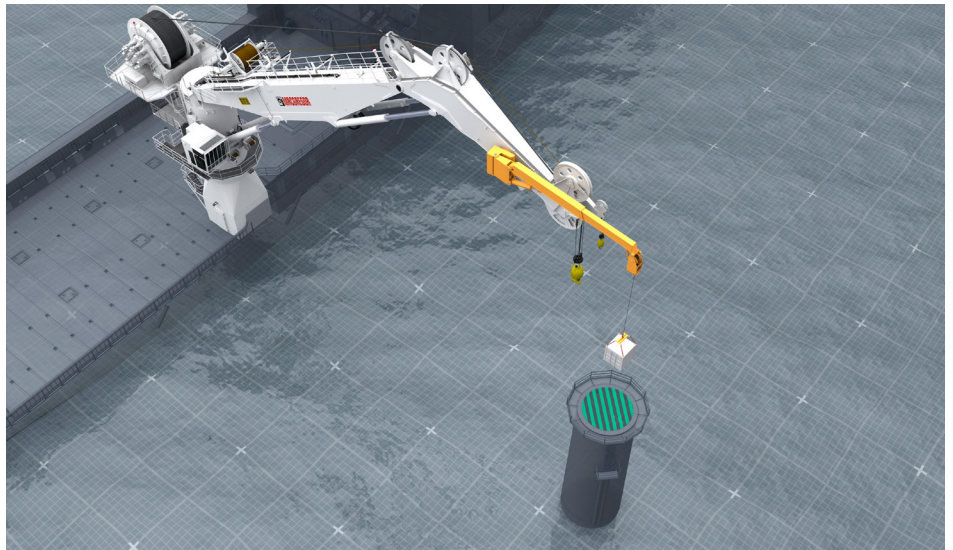


# 3D Motion Compensator

Safe and precise load handling between vessel and platform

The 3D Motion Compensator (3DMC) is a flexible device, which is designed to enhance the load-handling precision of an offshore crane, even in challenging sea states. The 3DMC can be fitted to the knuckle jib of a broad spectrum of new or existing MacGregor subsea/offshore cranes. It compensates for the roll, pitch and heave motions of the vessel to minimise any movement of the load, in relation to a fixed point in space.



The 3DMC has been designed for easy installation and makes use of the existing hydraulic power unit and control system of the crane. \*The 3DMC / crane interface is designed so that the unit can be swiftly retrofitted to a crane with the relevant fittings. This allows flexibility within a fleet of vessels that can share one or several 3DMCs between them.



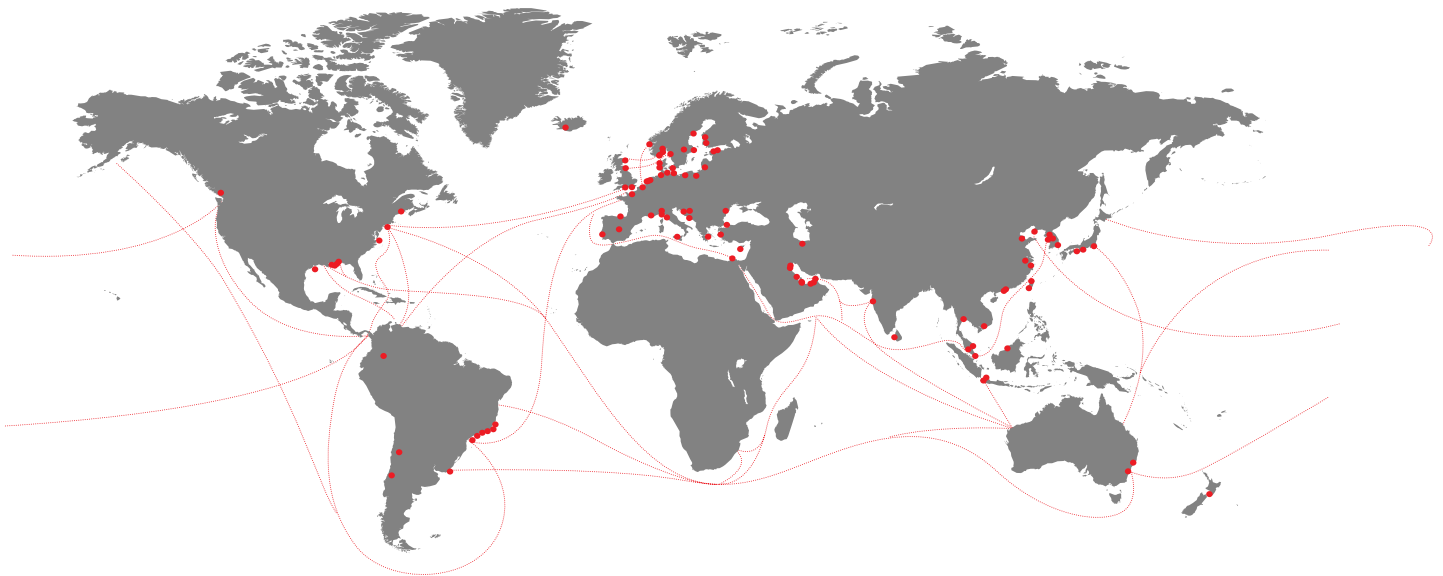
See the video:



- Suitable for the offshore windmill industry
- Minimises movement of the load with multi-axis compensation
- Includes a snubber for total load stability during transfer
- Integrated into crane hydraulics and control system
- Zero degradation to normal crane performance with the 3D Motion Compensator installed
- Remote-controlled hook can be supplied
- One unit can be shared amongst multiple cranes in the fleet\*

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
- Hägglunds
- Interschalt
- KGW
- KYB - ASCA
- KYB - Kayaba Industries / Navire Cargo Gear
- Luezhoe
- MacGregor
- MacGregor-Conver
- MacGregor-Hägglunds
- 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).*

Published by MacGregor. Copyright © MacGregor October 2017. All rights reserved. No part of this publication may be reproduced, stored, photocopied, recorded or transmitted without permission of the copyright owner.

**At your service**

**MacGregor Norway AS**  
krs.service@macgregor.com  
[www.macgregor.com](http://www.macgregor.com)

