



› Case study

# Versatile lifting solution for on board ship

COMPANY

Carl Büttner  
Shipmanagement GmbH

DATE

2021

LOCATION

CB Oil Tankers at sea

PRODUCT

**PORTAGANTRY®**



Get in touch to find out how we can help with your lifting and lowering requirements:

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The versatility of the **PORTAGANTRY®** system means it can be used for lifting and lowering a whole variety of loads on the deck of oil tankers, while remaining stable.

**The background**

Carl Büttner Shipmanagement GmbH operates a fleet of oil tankers. They needed a gantry lifting solution for the decks of four of their ships, which can be used for lifting and lowering everything from machinery to pumps - both when the tankers are docked and when they are out at sea

**The challenge**

The fleet owners needed a gantry solution which was stable enough to work on deck, portable enough to be packed away neatly when not required, and durable enough to withstand the harsh environment at sea. They also needed a maneuverable system which could be moved under load around the deck, but which would remain secure and stable at all times.

**The solution**

Via our channel partner Bruno Glettenberg GmbH, REID Lifting DACH supplied individual **PORTAGANTRY®** systems for each of the four ships.

These can be packed away in a storage room when not in use, but quickly and easily assembled on deck to meet virtually any lifting requirement. Working closely with Bruno Glettenberg GmbH, our team in Germany recommended a **PORTAGANTRY®** solution which they judged would give the crews on board as much flexibility as possible.

This comprised a Tall **PORTAGANTRY®** A-frame with a capacity of 4400lb and a 15' wide beam and master link trolley. Amongst the key benefits of the REID system are lockable castors which make the gantry easy to move around on deck, even under load, and height adjustability up to a maximum lifting height of 11' 4".

The **PORTAGANTRY®** beam has holes along its length which allows for the A-frames to be assembled inboard the beam. This reduces the width of the gantry to allow for the system to fit into areas on the deck which have limited space.

Also significant is the fact that the REID solution is manufactured in highly durable aluminum, so will not corrode even in harsh sea air. It is also ATEX Zone 2 approved.

**The feedback**

The REID **PORTAGANTRY®** system is flexible, cost effective and is ideal for on board ship. The system is easy to assemble and move around the ship and is proving to be a useful addition to the fleet.