

# Personnel handling system

Ensures the safe, efficient transfer of your crew

Technical information CM-134

MacGregor has developed a new personnel handling system for use with its general purpose (GP) and hose-handling (HH) cranes. It has been designed to ensure the safe transfer of crew and meets the ever stricter regulation demands set by classification societies such as Det Norske Veritas (DNV), the American Bureau of Shipping (ABS) and Lloyds Register (LR).

## Benefits

There are special class requirements for personnel transfer operations and for each vessel; MacGregor considers the standards set by each society. All of MacGregor's GP and HH cranes have one dedicated brake for cargo handling and a second safety brake for personnel lifts. The operational design of this brake depends on the classification society.



To handle personnel, cranes need to be updated with new parts. A MacGregor personnel handling system installation includes a winch with double brakes, valves, hydraulic hoses and various other components. MacGregor liaises with classification societies to ensure that each element meets approval before installation and testing.

New winch with double brakes

At your service

 **MACGREGOR**  
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Extra brake



### Installation requirements

- Design adaptation (depending on classification)
- New winch with extra brake (existing hydraulic motor can be used)
- Additional mechanical parts and components for hydraulic system
- New documentation/instructions and installation drawings
- Classification approval of drawings
- MacGregor can assist with installation and commissioning

### Installation of new hoist winch

approximately 60 to 100 hours/crane

Lifting capacity of winch and load test inspection by class are not included in this timeframe.

For further information and cost estimates, please contact the MacGregor Competence Centre for crane modernisations or any MacGregor office.

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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