

Personnel handling

To ensure good personnel handling with MacGregor general purpose and hose handling cranes

Technical information CM-134

General information

MacGregor has developed a new personnel handling system for cranes of MacGregor type GP/HH to meet and fulfil new demands from the classification societies DNV, ABS and LR .

There are special class requirements for these kinds of operation, for each case we look into stated classification society for the vessel.

All MacGregor personnel handling cranes have one brake for cargo handling and second safety brake for personal handling. Depending upon classification society, the extra brake is working in different mode.

Technical information

New winch with double brakes, new valves, new hydraulic hoses and other parts is needed to complete the installation.

MacGregor sends this information to classification society DNV, ABS or Lloyds Register for final approve before continuing the work with building and testing the new system.

New parts are needed to upgrade the cranes so that they can handle personnel.



Installation

- The installation is with new hoist winch proposal approx. 60-100 man-hours per crane in installation time.
- Lifting capacity for new winch excluded at installation.
- Inspection by class for load test excluded.

For price indication please contact MacGregor Competence Centre for crane modernisations or a MacGregor office.



New winch with double brakes

Rebuilding for lifting personnel consists of in short terms:

- Design adaptation (depending on classification)
- New winch with extra brake (existing hydraulic motor to be used)
- Rebuilding material for hydraulic system and mechanical parts
- New documentation/instructions and installation drawings
- Classification approval of drawings



Extra brake



Installation:

MacGregor can also assist with installation and commission on board. Estimate with 3-5 working days per crane and approx. 60-100 man-hours per crane.

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