

GL crane

Designed for handling containers and multipurpose cargoes

Crane type

GL electro-hydraulic cranes are self-contained units with all machinery enclosed in the crane housing. This protects them from weather, corrosion and damage. The standard GL range covers lifting capacities from 25 to 100 tonnes, with outreaches of up to 41m.

The crane can also be delivered in a stepless load/outreach combination, which makes maximum use of the crane due to its mechanical design.

Each crane is tested electrically, hydraulically and mechanically before delivery.



General design

GL cranes are designed to meet the rules of all recognised classification societies.

The MacGregor control system ensures smooth, fast and stepless crane control with hoisting, luffing and slewing motions independent of each other. This means that at their maximum capacity GL cranes can operate at full speed using all three movements at the same time.

HOISTING CAPACITY:

25-100t

JIB RADIUS:

20-41m

HOISTING SPEED:

19-50 m/min

Cranes can also be supplied with the tools needed for handling specific types of cargo.



Important crane criteria

- Excellent positioning performance
- Long outreach to an optimum of weight and cost
- Robust design
- All machinery is weather protected inside crane housing
- Level-luffing

Hydraulics

- Closed hydraulic system, all motions are available at the same time at full speed and load
- Low power consumption
- Planetary gears and hydraulic motors with fail-safe brakes

Crane Control System

- In-house system development
- Individual adjustment possibilities
- Integrated diagnostic functions
- Optional features available



MACGREGOR

Designed to perform with the sea



Human Machine Interface (HMI)

MacGregor Crane Information System



- Real-time information on active systems
- Load/speed/outreach information
- Logs information for analysis
- Errors/warnings/events
- Touchscreen display

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).

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