

Control System CC3000

Digital crane control system delivers improved flexibility

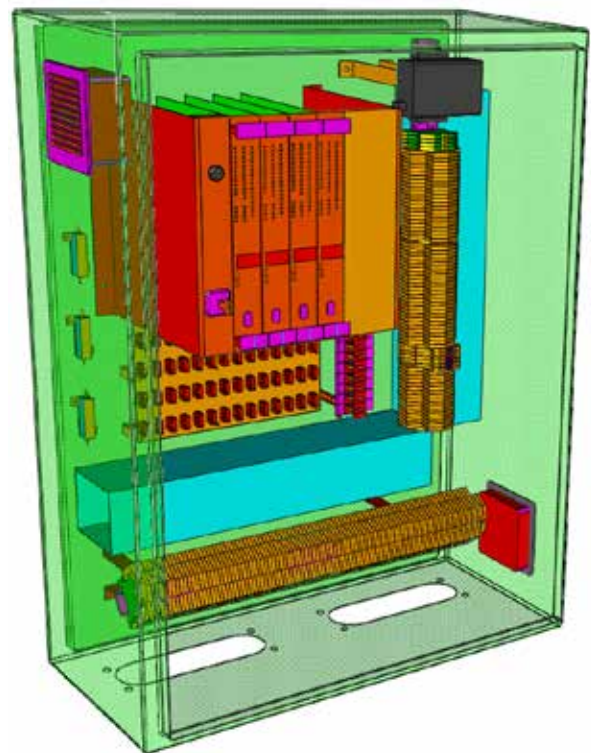
Technical information CM-131

MacGregor's latest CC3000 microcomputer-based crane control system delivers a number of advantages including improved operational efficiency, easy maintenance, enhanced monitoring capabilities and comprehensive diagnostic functions. The CC3000 enables the capture of valuable analytical data such as the number of lifts, cycle times, overloads and brake cycles.

The CC3000 replaces the CC2000 and older B-box control systems.

Benefits

- Crane parameters such as pump types, number of pumps, ramp time and load can be easily configured without replacing any hardware
- Four totally interchangeable microprocessor cards replace the older analogue control system, which required numerous unique electronic cards
- Clear, concise documentation details and explains error messages to aid trouble-shooting
- Service personnel can easily check for open/short-circuited outputs with the built-in test system
- A user-friendly event log displays statistics and error messages, which can be studied on site or sent to experts for evaluation
- Significantly improved cargo handling control when in twin crane operating mode.



At your service



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Cabinet design for controller cards

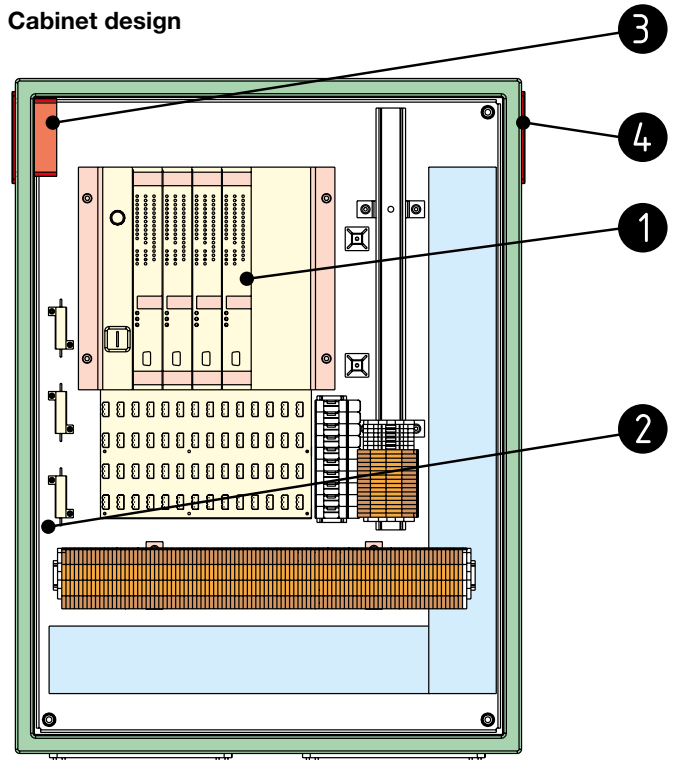


- Standardised MC-cards and CC-cards
- Easy configuration
- Reduced range of spares
- Service-friendly
- Possibility to expand capabilities with:
 - cabin monitoring
 - load monitoring
 - remote-control system
 - limit switches
 - maximum load curve (MLC)

Ordering information

Contact MacGregor for advice on ordering the correct parts.

Cabinet design



1. Controller cards: four
2. Heater element: maintains a dry environment for the cards when the crane is not in operation
3. Fan with inlet air filter: maintains a constant temperature inside the cabinet during operation
4. Outlet air filter: prevents dirty air from entering the cabinet when the fan is not running

Installation requirements

Contact MacGregor for installation information.

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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