

**SERVICE**

LIGHT LIFTING SYSTEMS  
GENERAL FABRICATION  
PROCESS EQUIPMENT  
CONTAINER HANDLING  
BULK HANDLING  
SHIPYARDS

**MODERNISATION REFERENCE**

**KONECRANES®**  
Lifting Businesses™

**Talleres Navales del Golfo shipyard crane in Veracruz Mexico**  
**100T LLDB CRANE MODERNISATION 2008**





#### Initial circumstances

Delivered by Kone 1981, JC4 with 3 other 100t shipyard cranes. Crane was out of use for many years.

#### Scope

- > New AC frequency control DYNA for all movements with PLC S7 and AC cooling system
- > New motors and brakes for hoisting, slewing, luffing and portal
- > New Konecranes cabin with new controls
- > Complete new electric cables and cable designing
- > Commissioning and training
- > New painting, cabling and mechanical installation by TNG.

#### Technical data

- > Lifting capacity Main hoist 100t
- > Lifting capacity Aux hoist 16t
- > Lifting speed 5/10m/min AH 30/60m/min
- > Slewing speed 0.3r/min
- > Luffing speed 30m/min
- > Travelling speed 40m/min

#### Summary

Customer was satisfied with the upgrade results and improved performance of their crane. A similar modernisation solution was also suggested for customer's other shipyard cranes.

#### Additional information on project:

Tel. + 358-(0)20 427 2287, e-mail: [mika.makinen@konecranes.com](mailto:mika.makinen@konecranes.com)

**Konecranes Service Corp.** P.O. Box 135 FI-05801 Hyvinkää, Finland  
Tel. +358-(0)20 427 11 Fax +358-(0)20 427 2099 [www.konecranes.com](http://www.konecranes.com)