



MLA Enhancements

Gardner
Denver

MLA enhancements

Specialist service that's second to none

With over 100 years of experience in the fluid transfer industry, Emco Wheaton has the knowledge and the facilities to produce world-leading equipment. It is the only service provider who can ensure the loading arm is restored to OEM specifications while including the latest improvements from ongoing research and development. In addition to the expert service, all OEM parts and repairs are backed by a manufacturer's warranty.

Ensuring your marine loading arms operate

Enhance the functionality of your marine loading arms for more secure and reliable operations. Our new improvements packages can be customised to your site to ensure that your equipment works. It is not necessary to replace the entire installation. Our representatives will discuss your requirements with you and can visit you on site to identify the areas in need of improvement. You can then choose from a range of our customizable products and services to get the right solution for your site.

One-stop provider, from supply to maintenance

Our highly trained engineers will ensure that your equipment is properly installed and complies with the most demanding industry standards. We also offer a framework of risk assessments and certifications to guarantee that your systems continue to operate securely and efficiently. In addition, our comprehensive aftercare offering including staff training and periodic inspections helps to maintain onsite safety, and maximises the efficiency of your equipment.

SAFER → **LONGER** → **FASTER**

- **SAFER** for your employees and the surrounding environment.
- **LONGER** thanks to ongoing maintenance and support.
- **FASTER** and more efficiently through upgrades to existing installations.

Industry-leading offering



Increasing employee safety whilst reducing environmental impact

Our safety systems operate to monitor risks and minimise damage, and make sure your staff can work in a secure environment. Specialised control solutions allow to protect the site surroundings and maximises the efficiency of your equipment

Upgrade / addition of ERS

- Separate the arm from the ship in the event of leaving the allowable operation area.
- Prevent both environmental and equipment damage.
- Implement a practical safety solution.

Addition of position monitoring system (PMS)

- Gain enhanced control of marine loading arm through constant monitoring of outer flange position and drift velocity.
- Offer alarm redundancy with proximity switches.

Industry-leading offering



Improving equipment reliability and minimising downtime

We provide expert maintenance service for increased service availability. With high supply of spares and technical expertise you can reduce the frequency of unplanned stoppages and increase ROCE.

HPU replacement

- Improve serviceability – older systems may be obsolete and unsupported.
- Increase operator safety – wearing of critical parts on old HPU can elevate the risk of injury.
- Reduce maintenance costs – our standard components are developed to handle marine environment.
- Improve spare parts supply – replacement parts are produced in high volume.
- Enhance reliability of loading operations and improve availability.
- Design can accommodate MLA additions associated with dock expansions.

Control / electrical system upgrade

- Modernise and streamline control system layout.
- Maintain NEC compliance.
- Reduce maintenance.
- Software allows for modifications without hardware changes.

Refurbishment

- Restore equipment to OEM original specifications or expand product capabilities.
- Original Fabrication Drawings – only the OEM has the original specifications and documentation.
- Quick repair turnaround times.

Cordless remote control

- Improve reliability of the marine loading arm with built-in security functions.
- Allow operators to manoeuvre the marine loading arm from barge deck for improved visibility and safety.
- Solution meets ATEX / HAZLOC standards.

Industry-leading offering



Improving the efficiency of MLAs in operation

Your existing equipment can be enhanced for greater effectiveness. Our wide range of specialist products means we can provide the appropriate solution.

QCDC coupler upgrade (manual or hydraulic)

- Reduce connection time and increase marine loading arm's operational efficiency.
- Enhance safety of connection.
- Allow operators to maintain a safe distance from flanges during connection with a hydraulic coupler.
- Help maintain ship manifold flange integrity with a non-reversible tightening mechanism.



Contact your local representative
to discuss your requirements.

www.emcowheaton.com

 @EmcoWheaton |  www.facebook.com/EmcoWheaton

©2019 Emco Wheaton. All Rights Reserved. All trademarks are the property of Emco Wheaton.