

LOADTEC

Engineered Systems Ltd.



- ❖ Fluid transfer and fall prevention solutions
- ❖ Integrated road and rail tanker filling packages
- ❖ Safe and clean bulk fluid transfer systems

Chemical Loading Arms



Loadtec Engineered Systems Ltd was formed in 1996 to represent quality brand names within the UK. Loadtec provides an expert and very focussed engineering and marketing team. They decided at the outset that Loadtec should not be side-tracked by peripheral products and goods that detract from their key objectives. In this role, Loadtec have proved to be the primary source for liquid handling solutions throughout Europe and beyond. Loadtec have joined forces with Emco Wheaton and are the Sales and Marketing office for Emco Wheaton's FTD (Fluid Transfer Division) in the UK, an important move for both companies. This has given Emco Wheaton an expert partner with very focussed and experienced staff, to market their products and it gives Loadtec exclusive access to the best range of Tanker Loading Arms in the World.

For more information, please take a look at our website www.loadtec.co.uk or call +44 (0)1303 81 30 30



Fall Prevention Solutions



Loadtec represents Carbis Inc in Europe and other key global markets. The Carbis range of products has allowed Loadtec to provide Fall Prevention Solutions to customers with complex and varied access issues. Carbis have a very positive “can-do” attitude and working with Loadtec has led to some very interesting contracts around the world. The breadth of portfolio available to Loadtec is extensive and makes Loadtec the first choice for companies looking to build or improve their tanker access facilities. It is important to differentiate between Fall PREVENTION and Fall ARREST. Loadtec do not provide Fall ARREST. Loadtec is focussed on ensuring the safety of the operator when working at height. Loadtec provides a range of solutions that eliminate the risk associated with tanker loading rather than trying to minimise the impact of an accident.

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Unique & Custom Solutions



The images in this booklet present a typical range of our clients' daily activities around the world. They demonstrate the diversity and range of applications that are available to make safe the hazardous action of loading, unloading or inspecting road, rail or marine tankers. They show simple and complex loading arms, portable tanker access systems and elevating platforms with flip up panels, each custom designed to meet exacting requirements. Loadtec also provide volumetric and fiscal metering packages as customers seek to have one supplier provide a turnkey solution. In a number of cases Loadtec provide FEED studies for their clients which have ranged from single loading arm stations through to complex rail loading arm schemes in Asia.

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Kamvalok, Drylok, Electronic Earthing and Breakaway Couplings

■ KAMVALOK®

Kamvalok is the first and most installed Dry-Disconnect coupling system in the world. It sets the benchmark by which all other Dry-Disconnect couplings are measured. With the largest installed base of any coupling system, it remains in demand throughout the world.

■ DRYLOK™

Drylok has been designed to deal with the most exacting chemical environments and provide repeated integrity. Dry-Disconnects don't come more robust or secure than Drylok.

■ EARTH-RITE

The Earth-Rite RTR is an extremely versatile system that is used to monitor static earth conditions on a wide range of plant equipment, including mobile tankers, railcars, IBC's and drum containers. Loadtec usually provides a tanker earthing monitor with their loading arms and fall prevention packages. A popular myth is that tankers gather static while on the road. This is unfounded. Static is generated as liquid passes down the pipe that is loading or unloading the vessel. The flow rate of the liquid and its flammability are factors that need to be considered when developing a system.

■ DRIVE-AWAY PROTECTION

The integrity of any tanker loading facility relies heavily on the security of the tanker connections. That security depends on the tanker staying where it is throughout the loading/unloading process. Un-planned tanker departures are commonplace incidents. To protect the integrity of the connection lines, Loadtec provide various forms of Drive-Away Protection: Breakaway Couplings that, when pulled beyond a pre-determined strain point, will part and seal off the product flow from both sides; more elaborate solutions that work on range alarm progression through to hydraulic or pneumatic disengagement of the coupling or traffic management systems which isolate a vehicle in the loading bay during fluid transfer. These are preventative measures which ensure that the tanker can only depart when the loading and access equipment is safely parked and locked.

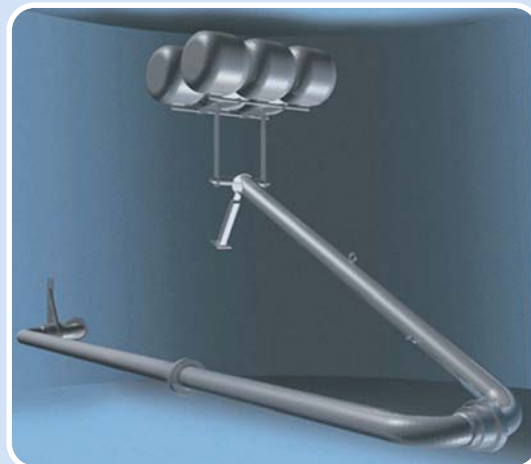
**Contact Loadtec to see which system
is applicable to your needs.**

**UK Tel: +44 (0)1303 81 30 30
Web: www.loadtec.co.uk**

Petroleum Equipment

■ FLOATING SUCTIONS

Loadtec supply Floating Suctions in varying configurations to meet your tank requirements. The ability to draw off uncontaminated liquid from within a tank is not only required by aviation customers. Increasingly, many chemical tanks utilise Floating Suctions to give added quality assurance.



■ BOTTOM LOADING

Loadtec draw on the experience of Emco Wheaton and Silea to provide a range of bottom loading arms that meet any budget. With a wide, high quality range of couplings at their disposal, Loadtec provide individual or multiple tanker loading stations with full metering and Terminal Automation System packages.



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