

**Mampaey® OFFSHORE INDUSTRIES BV**



**Quick Release Offshore Hooks**



## Mampaey Offshore Industries, The Netherlands



Since 1904 Mampaey develops and supplies the traditional-quick release hook. Since then Mampaey have grown to be the Mampaey Offshore Industries B.V. the world leader in Safe Mooring and Towing Systems. Mampaey design and manufacture a complete line of equipment for towing and mooring applications which are in use world-wide.



**Mampaey Quick Release Offshore Hooks are designed for safe mooring of shuttle tankers to FSO, FPSO or FSRU tankers.**

The Offshore Hooks are installed on deck structure on the Bow, Stern for Tandem Mooring or as Side-by-Side mooring system.

The Hook side is connected by means of Pearlink to the mooring hawser which will be connected to the shuttle tanker.

When connected to the shuttle tanker the mooring hawser is hauled in onto the shuttle taker and connected to a chain stopper.

In case of emergency the hook can be released manually by means of release lever, Hydraulically via Local control panel of the Hydraulic Power-pack or via the control Panel in the Remote Control Room / Bridge.



650 ton Heavy Duty Offshore Hook

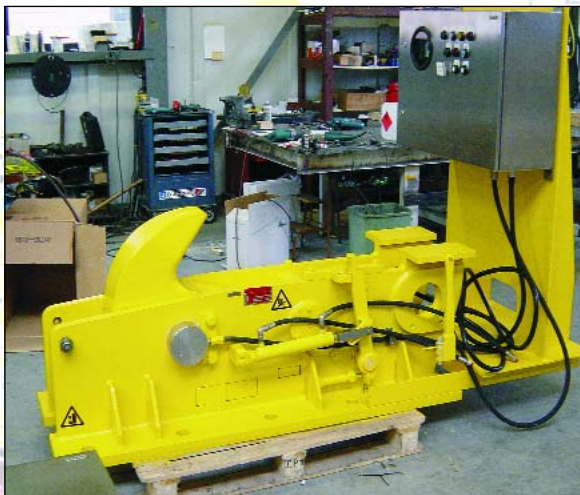
# Quick Release Offshore Hooks



An Audible and Visual Alarm Array will show alarm functions locally. A Loadcell is implemented in the Quick release Hook and when Load is applied on the hook by the mooring hawser, this Load can be monitored locally on the Local Display and on the Remote Control panel and registered by the Chart Recorder. ( with local alarm setting via local alarm array ) The Hook can be interfaced with the Hawser Reeling system or the QCDC system, and controls are done via PLC technology with MODBUS interfaces.



FSO Hook 250 ton



### Technical specifications:

Classification ( European classification ):	Zone 1 hazardous are, Gas Group IIB, temperature T4, IP66 or higher. ( ATEX Certified )
Classification ( American classification ):	Class 1 Div 1. Group D ( U.L. Certified )
Tandem Mooring Quick Release Hook:	200 - 600 T. SWL., TestLoad 300-795 T.
Side by Side Mooring Quick Release Hook:	60-100 T. SWL, Testload 90-150 T.
Hydraulic Power pack:	1*0.55 kW, with Accumulator pressure storage and High/Low pressure switch/pressure transducer.
Control panel:	PLC Operated with separate or integrated Chart recorder.
Classification Authority:	A.B.S. / B.V. or on request.

## Quick Release Offshore Hooks



### Other Mampaey Products



*Quick Release Mooring Hooks*



*Mooring Buoys*



*Quick Release Towing Hooks*



*Berthing Approach System*

## Quick Release Offshore Hooks



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