

The basic starting point to any integrated mooring system that offers improved safety, Harbour Marine Quick Release Hooks are available in capacities ranging from 30 to 250T with or without integrated electric capstans. Hooks are supplied with manual release as standard and can incorporate remote release (electric or electro-hydraulic) and optional multi-point computer-based mooring line tension monitoring systems.

Advantages

- Each hook can be released at its rated load.
- A force of less than 20kg (40lb) is required to manually release the hook, even at full load.
- The hook is counter balanced to facilitate easy resetting and the release mechanism can be reset in a single action.
- Each hook can accommodate full rated loads at line inclinations up to 55 degrees above the horizontal.
- Every hook is tested and certified by an independent testing authority to 125% of rated capacity as standard (150% optional).
- Hook support structures can be custom designed to suit specific bolt patterns, or of weld down design to suit steel foundation structures.
- Integral capstans are available from 1T to 3T line pull.
- Reversible control with brake is recommended for efficient mooring operations.
- Designed for hazardous or non-hazardous locations.
- For hazardous locations, hooks are supplied non-sparking and electrically insulated, whilst capstans and controls are certified for Class 1, Zone 1 or Zone 2 areas.



Hook layout on LNG terminal, Egypt



Triple 125T Quick Release Hook and Capstan Unit



LNG terminal, USA