

SmartHook® MLM, now in its 3rd generation, offers a significant advance in safe mooring systems and is unique to Harbour Marine. SmartHook® automatically measures mooring line tension as soon as lines are attached to each hook. Real time loads are displayed on a smart control box at each hook unit, whilst visual and audible alarms warn operating personnel of dangerous loads and imbalance between mooring lines.

Essential data is now available to those who need it most – the mooring crew and operators on the jetty, at economical cost.

Features of SmartHook®

- | Alarm levels can be set to warn when changing conditions under/overload mooring lines outside limits.
- | Mooring load display is updated every second. LCD display panel continually scrolls through line tension for each hook.
- | Average and Peak Loads are automatically displayed.
- | Optional high intensity light and siren alarms jetty and ship-based personnel in the event of high or low line loads.

Benefits of SmartHook®

- | Allows pre-tensioning of mooring lines – takes away the guesswork.
- | SmartHook® can be supplied factory fitted to Harbour Marine hooks or retrofitted to most existing quick release hooks at site.
- | No additional site wiring is required.
- | SmartHook® can be extended over digital communications to a centralized load monitoring system.



SmartHook® Local Display and Capstan Control Enclosure



Optional SmartHook® Local Alarm



Retrofit of QRH and SmartHook®