



A new division of Power Jacks devoted to Load Monitoring Solutions. We have a comprehensive range of standard load cell products and also offer a bespoke, custom load cell design service. In addition to the load cell products we offer a hire, repair and calibration service.

For further information please contact the Load Monitoring team on:  
Email: [LMS@powerjacks.com](mailto:LMS@powerjacks.com) or Tel: +44 (0)1358 285100 & ask for the Load Monitoring team.

### Compressive Load Cells

- Design of bespoke load cell solutions for capacities up to 2000 Tonne
- Wireless & cabled options available
- ATEX options available for some models



### Load Links

- For all lifting applications, including Marine & offshore where accurate and reliable load monitoring is required. Used in most tensile applications.
- Load links in capacities up to 500T tensile loads
- Lightweight high tensile aluminium design using aerospace grade material
- Accuracy of +/- 0.2%
- Internal Antenna on most models
- Fully traceable calibration certificate to Namas.
- Fits all major shackle manufacturers including VB, Crosby and GN Rope.
- Load Links designed so that only the same WLL capacity can be used.
- Safety Factor of 5:1 minimum
- All units proof load tested to 150%.
- Wireless and cabled options available
- ATEX options available
- Rated to IP66



### Load Pin Shackles

- A shackle with integrated load cell to meet all your requirements for weighing.
- Capacity ratings up to 2000 Tonne
- Wireless and cabled options available
- ATEX Options available
- Enclosure IP66



## Load Pins

- An alternative to weighing on existing sheaves, and clevis based applications.
- Stainless Steel Design
- Capacity ratings to suit application
- Safe area and ATEX options available



## Running Line Tensiometer

- Running Line Monitors for wire rope load (line) and line (pay out) in arduous marine and offshore environments with restrictive space.
- Marineised design for harsh environments
- Sealed bearing units
- Safe area and ATEX models available
- Accuracy of 1% full scale deflection
- Mounting Options: Foot, Cross Bar Prop shaft and Chain
- Wireless & Cabled options available
- Logging options available
- Rated to IP66



## Handheld Load Cell Telemetry Display

- Matched for use with our load monitoring products.
- Simple to use keypad
- multidigit, 9mm LCD display
- kg resolution accuracy
- Worldwide licence exempt 2.4GHz radio.
- Low power consumption for longer battery life
- Enclosure: IP65, housed in Convenient carry case
- RS232 output available on Cabled displays



## Data Logging

- All Wireless Units can be transmitted to Local PC for immediate displaying on screen.
- Live logging and graph display
- Exportable to Excel
- User can plot graph, capture peak loads and analyse test for producing to end clients and test presentations.
- MS Windows based
- Standard product uses discrete USB powered Base station so that no hardware installation required.

