



PRODUCT REPORT  
**Line Tension Meter**



# Line Tension Meter

## Product Details

Our Line Tension Meter or LTM is designed to install on a running line system to measure wire rope tension on a winch or crane.

Wire Tension is monitored using a Triple Pulley arrangement (with the pulley size to suit the wire diameter), where the wire applies a force proportional to wire tension, to the Offset centre pulley, containing the load sensor.

The Wire Tension signal is transmitted to the Readout Instrument or system via an integral, 24VDC, 4 – 20mA output, current transmitter.

Additions to the LTM system and instrumentation allow the measurement of Line position as well as line payout speed and direction.

Further software systems can be included to monitor the winch or equipment with visual winch data displays, alarms, logging and winch balancing software.

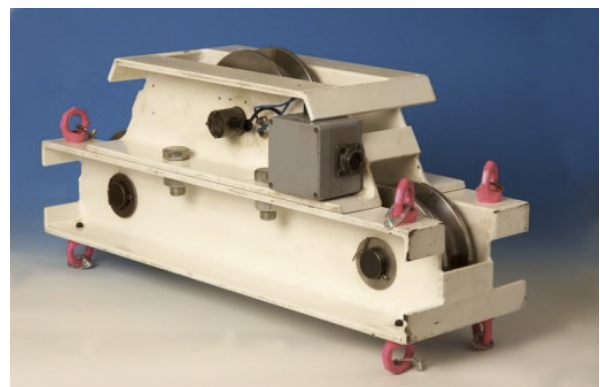
### Options

- + Payout and Pay-in Position and Distance
- + Payout speed and Direction
- + Hazardous Area rated systems
- + Winch balancing and display software
- + Radio Frequency Wireless LTM system
- + Ultra Rugged versions



LTM and display enclosure

 Hazardous Area option available





Local presence  
worldwide

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Unique Group's Buoyancy & Ballast products are available for hire or purchase from more than 20 other worldwide locations via our network of independent partners. Please contact us for more details.