



Strength to get the job done



# Running Line Tensiometer

For winch, crane, towing, laying and tensioning applications.



## Options



Wireless & Internal Antenna



Matched Telemetry Displays



Rent this item



Cabled with 49.2ft flying cable



Data Logging Software Available



ATEX version

Monitor speed and payout for wire rope, synthetic rope, dynema, fibre optic and cable systems in marine, offshore, onshore and subsea applications.

Incorporate data logging and the matched line monitor display for capacities up to 250Te.

## Line Monitor Displays

Matched with our running line tensiometer featuring simple to use keyboard and clear multi-digit 0.35mm LCD display.

- Calibrated in tonne with weight resolution accuracy available in kg, lb or kN
- Wireless range of 600m+
- Tactile keypad
- Low power consumption for long battery life



## Load Cell Data Logging

LMS-LOG100 Advanced data logging software provides real time monitoring of up to 100 load cell devices simultaneously.

Remotely access your data quickly and easily from a computer, tablet & smart phone via web browser. Export data in standard JSON or CSV formats with customisable reporting to suit your needs.



## Features

- 20 Running line tensiometer designs
- Line capacities up to 250Te
- Rugged design for operation in the most extreme environments
- Simple and quick access for line/rope fitting
- Marinised design ensures corrosion prevention in offshore environments
- Line mounted supplied with tether/swivel mount as standard with the options for bolt on feet or trunnion mount (pivot on 2 feet)
- Custom mounts available on request



Line Diameters from Ø10mm to Ø104mm

### Load Monitoring Systems Ltd

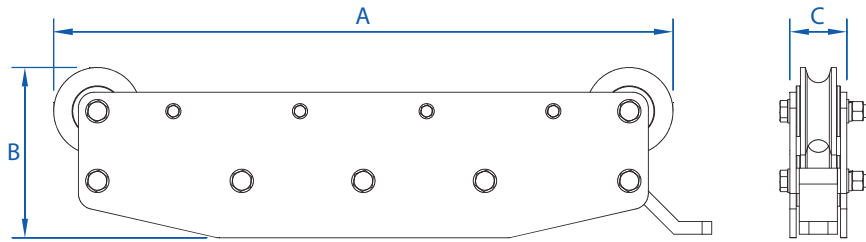
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RLM Dimensions (mm)					
Rope Size	Model	A	B	C	Weight (kg)
10	1	722	250	162	21.5
13	1	722	250	162	21.5
16	1	722	250	162	21.5
19	1	722	250	162	21.5
22	1	722	250	162	21.5
25	1	722	250	162	21.5
22	2	810	270	186	37
25	2	810	270	186	37
28	2	810	270	186	37
32	3	963	297	188	56
35	3	963	297	188	56
38	3	963	297	188	56
40	3	963	297	188	56
42	4	1029	296	198	77
44	4	1029	296	198	77
48	4	1029	296	198	77
52	8 ST	1250	426	185	125
56	8 ST	1250	426	185	125
64	8 ST	1250	426	185	125
70	8 EX	1703	488	278	330
77	8 EX	1703	488	278	330
88	8 EX	1703	488	278	330
103	8 EX	1703	488	278	330

## Applications

### Calibration & Testing

- Beam proof load
- Crane/hoist loads
- Force calibration
- Hydraulic presses
- Laboratory weighing & calibration

### Industry Applications

- Wind turbine installations
- Warehouse despatch
- Anchor systems
- Mooring systems
- Under hook crane weighing
- Pipe laying ships
- Structural joints
- Lifting systems
- Aerospace development

### Monitoring & Measurement

- Cable tension
- Towing
- Mooring
- Crane safe
- Anchor line tension
- Static wire tension
- Winch load
- Elevator cable
- Speed
- Payout distance
- Sheave/pulley system line tension
- Overload protection

