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# 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, 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 120Te.

## 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



## 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

## 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.



Line Diameters from Ø10mm to Ø104mm

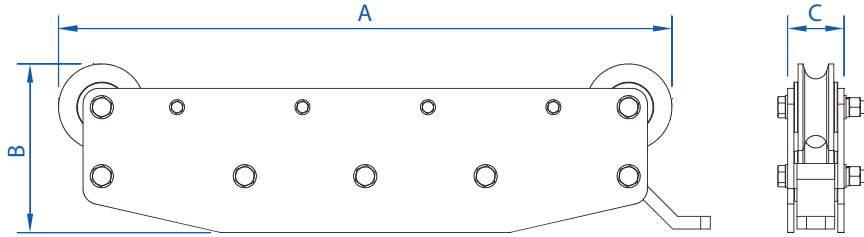
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Model	Rope Diameter (mm)	Working Tension (Te)	A (mm)	B (mm)	C (mm)	Weight (kg)
RLT-1-10	10	9	722	250	162	21.5
RLT-1-13	13	9	722	250	162	21.5
RLT-1-16	16	9	722	250	162	21.5
RLT-1-19	19	9	722	250	162	21.5
RLT-1-22	22	9	722	250	162	21.5
RLT-1-25	25	9	722	250	162	21.5
RLT-2-22	22	22.5	810	270	186	37
RLT-2-25	25	22.5	810	270	186	37
RLT-2-28	28	22.5	810	270	186	37
RLT-3-32	32	45	963	297	188	56
RLT-3-35	35	45	963	297	188	56
RLT-3-38	38	45	963	297	188	56
RLT-3-40	40	45	963	297	188	56
RLT-4-42	42	64	1029	296	198	77
RLT-4-44	44	64	1029	296	198	77
RLT-4-48	48	64	1029	296	198	77
RLT-8-52	52	90	1250	426	185	125
RLT-8-66	66	90	1250	426	185	125
RLT-8-68	68	120	1703	488	278	187
RLT-8-100	100	120	1703	488	278	187

## Applications

### Calibration & Testing

- Water weights & bags
- Beam proof load
- Crane/hoist loads
- Bollard pull for vessels
- Force calibration
- Hydraulic presses
- Laboratory weighing & calibration

### Industry Applications

- Wind turbine installations
- Warehouse despatch
- Subsea vehicle lifting
- Subsea cable laying, recovery & repair
- Subsea ploughs
- Anchor systems
- Mooring systems
- Under hook crane weighing
- Pipe laying ships
- Structural joints
- Hydraulic presses
- 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
- Jacking force
- Pile force
- Sheave/pulley system line tension
- Container weighing
- Centre of gravity weighing
- Overload protection