



PROOFCERT
TEST THE IMPOSSIBLE

Load Links

Accurate and reliable
tensile load monitoring
for lifting applications.



Options



Wireless &
Internal Antenna



Matched Telemetry
Displays



Cabled with 49.2ft
flying cable



Data Logging
Software Available



ATEX version

Suitable for all industry sectors including marine, offshore and subsea.

Due to the robust, lightweight high tensile aluminium design these load links are ideal for mobile applications and available as either cabled or wireless with a range of options.

Displays & Portable Case

Rugged case design with foam compartments to firmly hold the load link, telemetry display, spare set of batteries. Can also accommodate connecting cable for wired units and matched set of shackles.

- Lockable case
- Available for 5Tn to 35Tn load shackle sizes
- Transport case provided for 55Tn and above sizes



Features

- Load link designs from 6.5Tn to 500Tn as standard other capabilities on request
- Designed to be rigged & operated with a Working Load Link (WLL) of the same capacity
- Safety factor of 5:1
- Accuracy <0.5% of applied load
- ATEX versions available for zones 0, 1, & 2
- Subsea variants available on request
- Every unit load tested and certified

Load Cell Data Logging

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

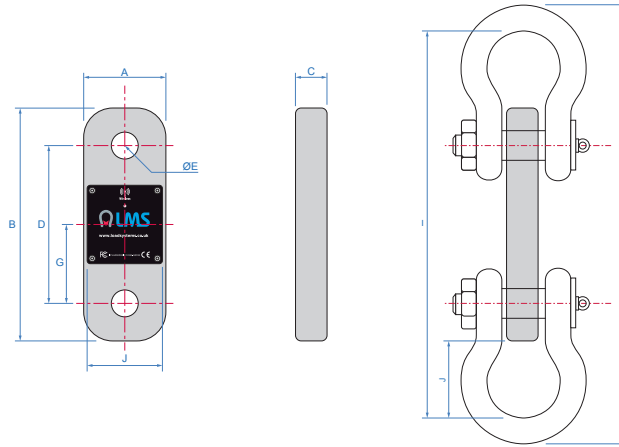
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www.loadsystems.co.uk



Capacity	Ton (MT)	1	3.25	6.5	13.5	25	35	55	85	100	150	200	250	300	400	500	
	Pounds (LBS)	2240	7280	14,330	29,762	55,115	77,161	121,254	187,392	220,462	330,693	440,924	551,155	661,386	881,849	1,102,311	
Dimensions Inch																	
A	2.0	2.3	3.3	5.6	3.66	5.6	6.1	7.2	7.7	8.6	10.7	13.0	15.3	17.0	19.2		
B	5.9	7.2	9.7	11.4	11.8	15.0	17.1	18.5	20.3	23.2	1.07	30.2	34.6	38.4	40.8		
C	1.2	1.2	1.2	1.7	1.96	2.4	2.75	3.3	4.0	4.8	5.3	5.9	6.9	7.1	7.7		
D	6.9	5.2	6.3	7.1	7.16	10.0	10.0	11.2	12.2	13.7	15.5	16.4	18.6	20.3	21.5		
ØE	0.47	0.78	1.0	1.5	1.69	2.1	2.40	2.9	3.3	3.9	4.6	5.3	145	6.22	7.0		
G	2.30	2.61	3.18	3.5	3.58	4.6	5.0	3.6	6.1	6.8	7.7	8.2	9.2	10.1	10.7		
Fits Shackle (Ton)	0.2	0.2	0.2	0.5	0.66	0.9	1.3	2.6	3.3	4.7	5.9	7.8	9.8	11.8	15.7		
Weight LB	0.6	1.3	0.1	0.4	0.6	0.3	0.6	1.1	2.0	3.1	5.3	3.6	8.0	16.1	20.0		
Suggested Safety Bow Shackles																	
Van Beest	G4163						P6036										
GN Rope	H9						H10										
Crosby	G2130 to G2140																

Specifications		
Overload Tested (Proof Load)		200% rated load (6.5Ton - 250Ton sizes) 150% rated load 300Ton and above
Minimum Breaking Load (MBL)	5Ton to 400Ton	500% rated load
	500Ton	450% rated load
Dead Load Offset		+/- 0.1mV
Accuracy		< 0.5% of applied load
Repeatability		< +/- 0.1% of applied load
Hysteresis up to FS		Minimal
Operating temperature		-68°F to +158°F
Environmental Rating		IP67
Range		800 Meters (straight line uninterrupted view)
Transmit rate		900ms (standard)
Antenna (Wireless Version)		Internal
Radio (Wireless Version)		2.4 Ghz; worldwide licence free
Cabled Version Output Signals		Analogue signals 4-20mA in 2 or 3 wire output with 10-30VDC supply 0-5VDC or 0-10VDC 3-wire output with 10-30VDC supply Digital signals RS232 with a protocol of your choice with 5-20VDC supply RS485 with a protocol of your choice with 5-20VDC supply
Cable Version Connection Type		Load link with plug-in socket and 15m, 4-core screened PUR cable with matched plug-in connector fitted. Other types on request.
Battery Type / Lifespan	Load Cells	6.5Ton - 35Ton Load Link - 2 x AAA 1.5V @ 500+ hours (continuous) 55Ton - 85Ton Load Link - 2 AA 1.5V @ 1200+ hours (continuous) 100Ton - 500Ton Load Link - 2 x C 1.5V @ 2000+ hours (continuous) Battery changes are reduced when device is put on sleep mode during 12 month calibration windows.
	Display	2 x AA 1.5V batteries @ 40 hours (continuous)
Calibration		12 months (calibration service available)
Warranty		12 months
Material Finish		Lightweight, high tensile grade aluminium, hard anodised for marine environments.
Traceability and Safety Compliance		BS EN ISO 7500-1:2004, Machinery directive 2006/42/EC (SI 2008/1597)
ATEX Options		
Zone 2		Standard options (wireless and cabled)
Zone 1		Standard options (wireless and cabled)
Zone 0		Stainless steel construction, cabled options - contact LMS for more details