

FEATURES AND BENEFITS

- Wireless Range of 1000m or 3280ft
 - Electronics housed in hard anodised enclosure
 - Environmentally sealed to IP67 or NEMA6
 - Battery Life of 1200hrs from 4 x AA batteries
 - Internal Antennae
 - Remote On-Off from handheld display or software
 - Supplied with a load-centring bobbin
 - 2-year warranty
 - Complies with ASME B30.26
 - Design validated by F.E.A.
 - ATEX Zones 0, 1 & 2 available
 - Bluetooth option is available and is supplied with a free HHP App for iOS and Android
- See page 27

Crosby Straightpoint's Wireless Loadshackle (WLS) provides the perfect solution to limited headroom or super heavy lift projects. Available from stock in capacities from 3.25t to 500t (up to 3000t available POA), the WLS is constructed using industry-leading shackles from Crosby.

Three versions of the WLS are available:

- Long range 2.4GHz version providing industry-leading wireless range of 1000m or 3280ft to SP's SW-HHP handheld or software options.
- Bluetooth output and can be connected to any smart phone running SP's free HHP app on iOS or Android, at ranges up to 100m or 328ft.
- ATEX/IECEX for hazardous areas, zones 0, 1 & 2. Providing a wireless range of up to 500m or 1640ft to SW-HHP-ATEX handheld.

Each WLS is proof tested, then equipped with a hard-anodised aluminium electronics enclosure. Contained within this enclosure is an internal chassis providing IP67 or NEMA6 environmental protection, even with the battery cover plate missing.

Featuring industry leading wireless technology, the WLS can maintain an update rate of 3Hz. It can be easily configured to run at industry-leading speeds of up to 200Hz, if required for dynamic load measurement projects.

Utilising easily sourced AA alkaline batteries, the WLS features advanced circuitry, designed to protect the unit from damage associated with incorrectly installed batteries. This circuitry extends battery life, and the use of easily-sourced alkaline batteries, eliminating issues associated with rechargeable battery pack charging, failure and replacement.

The WLS may also be used with Straightpoint's Insight software package, allowing the operator to perform load tests at a safe distance and generate real-time test certificates on site.

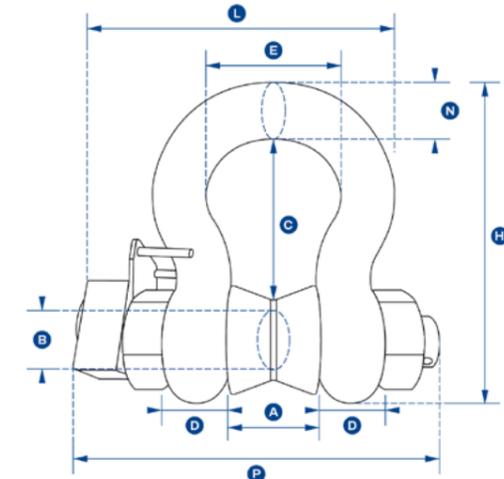
A full array of wireless accessories are also available including wireless score board, overload alarm and base station with analogue (4-20mA) or 2 relay or RS485 ASCII outputs.

Also available with hazardous area approval. Zones 0, 1 & 2

ATEX / IECEX
Ex ia II C T4 Ga

Certification numbers:
WLS ATEX
IECEX SIR 16.0041X / SIRA 16ATEX2108X / CSAE 22UKEX1266X
SW-HHP ATEX
IECEX SIR 15.0072X / SIRA 15ATEX2196X / CSAE 22UKEX1267X

Add 'ATEX' to the part number when ordering ATEX/IECEX products.
For example: WLS3.25T-ATEX



SP Model	WLS3.25T	WLS6.5T	WLS12T	WLS25T	WLS55T	WLS85T	WLS120T	WLS200T	WLS300T	WLS400T	WLS500T
Crosby Part	2789186	2789200	2789183	2789185	2789199	2789201	2789172	2789184	2789188	2789189	2789198
Capacity	3.25te 7150lb	6.5te 14300lb	12te 26400lb	25te 55000lb	55te 120000lb	85te 185000lb	120te 260000lb	200te 440000lb	300te 660000lb	400te 880000lb	500te 1100000lb
Resolution	0.005te 10lb	0.005te 10lb	0.01te 20lb	0.02te 50lb	0.05te 100lb	0.05te 100lb	0.1te 200lb	0.2te 200lb	0.5te 1000lb	0.5te 1000lb	0.5te 1000lb
Units	tonne lb	tonne lb	tonne lb	tonne lb	tonne lb	tonne lb	tonne lb	tonne lb	tonne lb	tonne lb	tonne lb
Weight	2.8kg 6.16lb	3.2kg 7lb	8kg 17.6lb	18kg 40lb	25kg 55lb	85kg 187lb	125kg 276lb	260kg 573lb	405kg 893lb	662kg 1459lb	785kg 1731lb
Safety Factor	5:1 when used with bobbin										
Battery Type	Loadcell 4x AA alkaline										
Battery Life	Loadcell 1200 hrs continuous (500 hrs if Bluetooth)										
Operating Temp	-10 to +50 °C / 14 to 122°F										
Accuracy	+/- 1% FS										
Frequency	2.4GHz										
Range (Max)	1,000 m (100 m if Bluetooth) 3,280 ft (328 ft if Bluetooth)										
Data Rate	3 updates per second										
Protection	IP67 / NEMA6										
Dimension A	26.9 1.06	36.6 1.44	51.5 2.03	73 2.87	82.5 3.25	127 5.00	144 5.66	180 7.09	205 8.07	230 9.06	250 9.84
Dimension ØB	19.1 0.75	25.4 1.00	35.1 1.38	51 2.01	57 2.24	83 3.26	95 3.74	125 4.92	150 5.91	175 6.89	185 7.28
Dimension C	56.9 2.24	79.7 3.14	113 4.45	170 6.69	189.5 7.46	317 12.48	364 14.33	432.2 17.02	505 19.88	547.7 21.56	614 24.17
Dimension D	14.46 0.57	20.6 0.81	29.5 1.16	44.5 1.75	51 2.01	80 3.14	89 3.50	110 4.33	120 4.72	160 6.30	160 6.30
Dimension E	42.9 1.69	58 2.28	82.5 3.25	127 5.00	146 5.75	190 7.48	238 9.37	280 11.02	305 12.01	325 12.80	350 13.78
Dimension H	106 4.17	148 5.83	210 8.27	313 12.32	348 13.70	539 21.22	624 24.56	769 30.28	904 35.59	1006.5 39.63	1117 43.98
Dimension L	135 5.31	156.5 6.16	201 7.91	275 10.83	306 12.05	393 15.47	445 17.51	529.7 20.85	586.7 23.10	667.2 26.27	715 28.15
Dimension N	17.5 0.69	24.6 0.97	35.1 1.38	57 2.24	61 2.40	85 3.34	95 3.74	120 4.72	140 5.51	160 6.30	180 7.09
Dimension P	150 5.91	173 6.81	222 8.74	290 11.42	317 12.48	448 17.63	488 19.21	600 23.62	657 25.87	765 30.12	786 30.94
Crosby Shackle	G2130	G2130	G2130	G2130	G2140	S2135					



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