

Sensors

WIRELESS LOAD SHACKLES

BW-S325
BW-S475

High accuracy load-pin and integrated electronics for real-time load monitoring without the need for costly, time consuming cabling



Features

- Zero Trim Shackle
- 5:1 safety factor
- Anti-rotational bracket
- Unit conversion for kg, lbs, tonnes, ton, ton (US), kN
- Accuracy typically $\pm 1\%$ of current load or ± 25 kg (whichever is the greater value)
- Fully weatherised (IP67)
- Machinery Directive 2006/42/EC compliant
- Supplied pre-calibrated

About

The Broadweigh load cell shackle features a high accuracy aerospace graded stainless steel load pin with a load centralising bobbin as standard. Accuracy typically $\pm 1\%$ of current load or ± 25 kg (whichever is the greater value).

Built to withstand the demands of varying environments and weather, the Broadweigh shackle offers real-time load monitoring for rigging professionals, enabling them to monitor and log the precise loads on any given rigging point.

The Broadweigh shackle has a unique small head height design and can transmit up to 800 m (1/2 mile).

Specifications

Measurement

Accuracy	Typically $\pm 1\%$ of load or ± 25 kg, whichever is greater
Weight Range (WLL)	3,250 or 4,750 kg

Battery Life (one update per second)

2x AA Duracell: asleep	5+ years
2x AA Duracell: continuous	3 months
2x AA Duracell: 8 hours a day	8 months
2x AA Duracell: 2 hours a day	2.5 years

Environmental

Operating temperature range	-20 to 55 °C
Storage temperature range (no batteries)	-40 to 85 °C
Humidity	95% RH
IP rating	IP67

Find out more

broadweigh.com

