

Portable, accurate
container weighing.

Technical Specification



DESCRIPTION

BISON C-Legs are high specification portable scales, capable of accurately weighing shipping containers of up to 35,000 kg on both air and spring suspension chassis.

With international patents pending, BISON C-Legs feature four static steel legs that fit to the container twist locks. Once in place the jack system is used to raise the container just clear of the chassis, integrated scales measure the load on each leg and transmit the weight wirelessly to the BISON app.

Designed with absolute commitment to user safety and efficiency, each BISON C-Leg is load tested prior to delivery to 1.5 times its 10,000 kg capacity. While safety takes precedence over speed, an efficient operator will complete the entire weighing task in under 15 minutes.

FEATURES AND BENEFITS

Fast - It takes less than 15 minutes for one person to attach, weigh and pack the scales away.

Smart - Confirm weight distribution and share weight data through Smart devices on the BISON app.

Portable - Ideal for mobile weighing service providers and sites handling low-to-medium container volumes.

Optimise Container Loads – Maximise revenue and shipping costs by packing your container to full capacity while avoiding the risk of overloading.

Improve Asset Utilisation – Avoid using expensive haulage and handling assets for weighing.

Manage Compliance – Ensure your business meets container weight regulations for road and sea transportation.



SPECIFICATIONS

System Overview

Units of measure: kg or lb

Weighing capacity: 40,000 kg / 88,000 lb

Display Increments: 50 kg / 100 lb

Accuracy: ± 25 kg / ± 50 lb

IP Rating: IP64

C-Leg Stands: Height adjustable; Leveling mechanism for accurate weighing. Stabilizers ensure a safe and sturdy base for lifting. Wheels and kick bar for maneuverability

Construction: Welded steel fabrication

Load Cells: OIML R-60 certified 10,000 kg weighing capacity per scale. 150% service overload capacity. 300% ultimate overload limit

Controls: Single button on/off and

re-zero each scale

Data Transfer: Wireless connection

Power: 4 x standard AA batteries per scale. 40+ hour battery life

Weight: 11 kg per scale; 75 kg per C-Leg

Weighing App

Smart Phone: Compatible with Android 4.4 with Bluetooth 4.0 or later

Auto Data Inputs: Weight from each scale. Location via GPS on phone, date and time

Manual Data Inputs: Container ID, Seal ID, Operator Name, Notes

Calculated Data: Gross Weight / Weight Distribution

Outputs: Email HTML file

Approvals

OIML R-60 approved

CE Approved



SOLAS CONTAINER WEIGHING: VERIFIED SOLUTIONS

If you are shipping containers overseas, the Safety of Life at Sea (SOLAS) treaty requires that all containers have a verified weight certificate before being loaded onto a ship.

The law applies globally, with the responsibility falling to the shipper (or by arrangement of the shipper, a third party), to verify the gross mass of the container to an accuracy of $\pm 2\%$.

Whether you are an exporter, consolidator or logistics agent, Avery Weigh-Tronix' C-Legs offer a simple compliance solution to meet the SOLAS weighing regulation requirements. C-Legs and C-Jacks (designed for weighing grounded containers) offer the only new market solution that has been independently verified for accuracy and performance.



More Online

www.averyweigh-tronix.com

- Download our SOLAS Weighing guide
- C-Jack solution for grounded container weighing



Avery Weigh-Tronix

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