

CWS™ Portable container weighing system

V1.3



CWS™ Portable is the lightweight, easy to use and fully transportable container weighing solution for the freight industry.

CWS™ Portable has been designed to enable shippers, who are ultimately responsible for the provision of the verified gross mass (VGM) of a container, to comply with the International Maritime Organization (IMO)'s SOLAS regulations for container weight verification.

The system offers a highly accurate and easy to use grounded solution that weighs and automatically logs a container's VGM as well as its centre of gravity (COG), providing compliance with the Department of Transport (DOT) code of practice for safety of load on vehicles and providing a SOLAS compliant VGM.

This cost-effective solution requires no other container handling equipment. A one person operation, CWS™ Portable enables containers to be weighed safely and accurately at the packing point, by mounting a container on four highly accurate load cells that deliver proven VGM data better than 1% of the applied load - up to 60 tonnes.

The CWS™ Portable app calculates and records the VGM and COG data wirelessly, for both Android and Apple operating systems, generating automatic reports for easy and instant sharing and printing.

Available ex-stock for immediate shipment globally, CWS™ Portable is a standalone system designed specifically for container packers and shippers without access to container handling equipment.

CWS™ Portable benefits:

- Enables full SOLAS and DOT shipping compliance
- Cost effective solution available for immediate dispatch
- Highly accurate and reliable data
- Lightweight, within manual handling lifting guidelines, for easy transportation and storage
- Fast and simple one person operation
- Smart app automatically records VGM and COG data
- Share and print results instantly
- Improves operational efficiencies

Typical specifications

Unit of measure	Kilogram
Weighing capacity	45,000 kg
Weight increments	50 kg
System accuracy	± 20 kg
Display resolution	10kg
Loadcell rating	15T (proof load 22.5T)
System rating	40T/60T (1)
Hydraulic jack rating	10T/jack
Total weight of equipment	48kg (2)

¹ Higher capacity jack required for 60T rated system

² Not including any carry case

Ensuring full compliance management

The IMO's SOLAS regulations for container weight verification comes into force on 1 July 2016, making it a legal requirement for every export container to have a verified container weight as a condition for loading aboard a vessel. There is no exception to this requirement.

Failure to provide a verified weight for loading aboard a vessel will be disruptive and costly to operations, with the potential of non-compliant containers being turned away from terminals, causing disruption to both the shipper and the carrier.

CWS™ Portable has been designed to enable shippers, who are ultimately responsible for the provision of a container's VGM, to comply with these legal requirements in places where ports and terminals are not looking to provide a weighing service.

Easy to use weighing solutions:

- Jack the four corners of the container off the ground and mount onto the load cells
- Follow the step-by-step instructions of the CWS™ Portable app
- Conveniently email the results for immediate shipping compliance



We are always happy to help find the appropriate, tailored solutions for your business needs. If you have any requests or suggestions please do not hesitate to contact us.