

# On-Board Weighing

Loadmaster  $\alpha$ 50



An on-board weighing system designed for wheel loaders operating in the fastest “load-out” environments.



# Accurate Load-Out. Every Time.

The Topcon Loadmaster α50 is a highly accurate on-board weighing system for loaders that helps increase loading efficiency by reducing vehicle movements on site, which increases safety and ensures trucks are correctly loaded the first time.

The Loadmaster α50 uses a 7" colour-resistive touchscreen display and additional physical keys providing a modern and ergonomic operator interface.

Suitable for use with up to 10 different attachments, e.g., buckets or forks, the system can be retrofitted onto wheeled, telescopic and tractor type loaders. It offers the input of a target weight from which it indicates the remaining load required. It also has a last bucket tip-off function that allows the adjustment of the final bucket load to the exact amount required.

The Loadmaster α50 enables accurate record keeping and traceability with data storage capacity. Store data for up to 50 products, 100 individual customers and up to five different recipes for product mixing, dispensing and handling.

**Clean display and intuitive operation**

**Static and dynamic weighing modes**

**Accurate record keeping and traceability**

**Safe, efficient data management**

**Printable reporting**

## TECHNICAL DETAILS

Operating voltage	10 – 30 Volts DC
Temperature range	-20 to +70°C operating
System accuracy	Typically +/- 2% of capacity (or better)
Sensor range	0 - 250 bar (others available)
EMC protection	Complies with 2014/30/EU + ISO 13766
Warranty	1 year
Env. protection	Instrument unit: IP54 Sensor: IP67

### System Enhancements:

- Compatible with iSOSYNC via USB for fast and efficient load data transfer between loader and office.
- Printer option for hard copy prints in the cab.

### Also in the range:

**LM-100** on-board weighing system for wheel loaders.

**LX-100** on-board weighing system for excavators.



Specifications subject to change without notice.  
© 2024. Topcon Positioning Systems, Inc.  
All rights reserved. 7010-2325 EU B 06/24

[www.topconpositioning.com](http://www.topconpositioning.com)

