

BinWeigh 03 System



BinWeigh 03 In-Cab Indicator
with 7" Wide Touchscreen

Approved for Dynamic Weighing to Class Y(b) on Wheelie Bin Collection Vehicles

Wireless real-time data transfer and credit control, and proactive hardware failure alerts

Dynamic Weighing

While lifting the bin to be emptied, the BinWeigh 03 system efficiently and accurately weighs the bin contents. By combining bin content weighing with bin collection, the need to weigh bin content separately is eliminated, resulting in a more streamlined, cost-effective process.

Real-Time 4G Wireless Data Transfer

Waste vehicle lifters equipped with the BinWeigh 03 system are continuously connected to the GSM network, enabling seamless operation. The system accesses the fastest speed available by the GSM service provider in the vehicle's current location.

Proactive Hardware Failure Alert Feature

Our proactive hardware failure alert feature is designed to minimize downtime.

Each BinWeigh 03 system component is continuously monitored to ensure its condition is fully operational. In the event of a hardware failure, the vehicle sends a status report alert to the cloud service, and an SMS message is sent to relevant personnel to respond in real time to the issue.

SMS alerts assignments can be customized according to customer requirements, e.g., dedicated VPG engineer, dedicated mechanic, fleet manager, etc.

This unique feature distinguishes the BinWeigh 03 system from any other system and sets new industry standards.

Real-Time Credit Control

The BinWeigh 03 system enables continuous status updates to the full authorization list of all bins belonging to the collection agency. This feature enables real-time accuracy of allowed vs. blocked bins and enhances customer service and satisfaction.

When a domestic or commercial customer pays their wheelie bin collection service provider, the customer's bins can be emptied in as little as the next two minutes. Time is dependent on how often the customer management database is updated. In real time, the lorry transfers the lift information after each bin collection is complete.

In-Cab Indicator with 7" Wide Touchscreen

A large 7" touchscreen displays important information about the current condition of the BinWeigh 03 system, the bin currently being lifted, the RFID number, the weight of the bin, the working status of each lifter and the credit control status, i.e., suspended bin.

Configurable for Split Body Vehicles

The BinWeigh 03 system can be configured for split body vehicles, with the ability to prevent incorrect product from being emptied into the wrong compartment.

Airedale House | Canal Road | Bradford BD2 1AG
Ph: +44 (0)1274 771177 | Fax: +44 (0)1274 781178
E-mail: obw.eur@vpgsensors.com

vpgonboard.com

VPG
ONBOARD
WEIGHING

Dynamic Weighing for Wheelie Bin Collection Vehicles

Examples of credit control and weighing messages displayed on rear status boxes during a bin lift



4.3" LCD Lifter Status Box

Additional Features

- No driver input required
- Live GPS vehicle localization on map
- Durable IP67 design
- Option to upgrade from BinWeigh 02 System

Features	Standard	Option
Dynamic weighing of wheelie bins	●	
RFID bin identification (125 or 134.2 kHz)	●	
Real-time 4G wireless data transfer	●	
Multi-language 7" LCD in-cab indicator	●	
Multi-language 4.3" LCD rear status boxes	●	
Encrypted CAN bus	●	
Encrypted 4G wireless communication	●	
Geo coordinates of bins collected	●	
Cloud portal business suite		●
Auto stop of unauthorized bins		●
Split vehicle product enforcement		●
Real-time credit control		●
Proactive hardware failure alert system via SMS		●
Cloud server data backup	●	
USB pendrive data backup	●	

DISCLAIMER: ALL PRODUCTS, PRODUCT SPECIFICATIONS AND DATA ARE SUBJECT TO CHANGE WITHOUT NOTICE. Vishay Precision Group, Inc., its affiliates, agents, and employees, and all persons acting on its or their behalf (collectively, "VPG"), disclaim any and all liability for any errors, inaccuracies or incompleteness contained herein or in any other disclosure relating to any product. The product specifications do not expand or otherwise modify VPG's terms and conditions of purchase, including but not limited to, the warranty expressed therein. VPG makes no warranty, representation or guarantee other than as set forth in the terms and conditions of purchase. **To the maximum extent permitted by applicable law, VPG disclaims (i) any and all liability arising out of the application or use of any product, (ii) any and all liability, including without limitation special, consequential or incidental damages, and (iii) any and all implied warranties, including warranties of fitness for particular purpose, non-infringement and merchantability.** Information provided in datasheets and/or specifications may vary from actual results in different applications and performance may vary over time. Statements regarding the suitability of products for certain types of applications are based on VPG's knowledge of typical requirements that are often placed on VPG products. It is the customer's responsibility to validate that a particular product with the properties described in the product specification is suitable for use in a particular application. You should ensure you have the current version of the relevant information by contacting VPG prior to performing installation or use of the product, such as on our website at vpgsensors.com. No license, express, implied, or otherwise, to any intellectual property rights is granted by this document, or by any conduct of VPG. The products shown herein are not designed for use in life-saving or life-sustaining applications unless otherwise expressly indicated. Customers using or selling VPG products not expressly indicated for use in such applications do so entirely at their own risk and agree to fully indemnify VPG for any damages arising or resulting from such use or sale. Please contact authorized VPG personnel to obtain written terms and conditions regarding products designed for such applications. Product names and markings noted herein may be trademarks of their respective owners.