## BinWeigh 03 System



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

#### **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, costeffective process.

#### Real-Time 4G Wireless Data Transfer

Waste vehicle lifters equipped with the BinWeigh 03 system are continously 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**

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 email message is sent to relevant personnel to respond in real time to the issue.

Email 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" Touch Screen

A large 7'' touch screen 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.

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#### **Dynamic Weighing for Wheelie Bin Collection Vehicles**

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







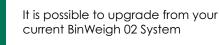






4.3" LCD Lifter Status Box

#### **Upgrade Option**



# Standard Features 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 bin credit control

Proactive hardware failure alert system via email

Real-time cloud portal vehicle hardware monitoring

Cloud server data backup

**USB** pendrive data backup

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