



# AMCS DYNAMIC WEIGHBRIDGE

Accurately weighs and records vehicles of any length without the need for them to stop

## Overview

With 25 years of experience in the design and production of weighbridges, AMCS provides unique, market leading products for weighing solutions.

Using AMCS' high-quality dynamic weighbridge you are able to weigh and register all incoming and outgoing material quickly and effectively as the system weighs vehicles without the need for them to stop.

The weighing system works by recognizing and adding the axle weights automatically using fast and accurate software and hardware. With accurate weighing information our customers are able to reduce revenue leakage, and by optimising weighing procedures they are able to increase their operational efficiency.

## Major benefits

Major benefits from AMCS Dynamic Weighbridge include:

- Increased logistical efficiency at the weighbridge as vehicles are weighed automatically without stopping
- Reduced revenue leakage by addressing the problem of revenue lost through incorrect weighing pricing
- Ability to comply with regulations regarding overload and axle load limits
- Improved overview and efficiency of operations as the weighbridge can be integrated to Waste Management and ERP system for weighing notes, inventory management, reports, statistics, invoicing, etc.
- Ability to optimise and achieve paperless work processes
- Ability to weigh vehicles of any length

## Featured highlights

Featured highlights of AMCS Dynamic Weighbridge include:

- Weighing & registration of a vehicle without the need to stop the vehicle
- Our patented algorithm ensures the highest possible accuracy for each weighing
- If additional reliability is required a solution with inbuilt redundancy can be provided so that the weighbridge can continue to be operated without impacting business operations.
- The weighbridge is quick and easy to install due to the modular design
- The weighing system is solid and designed and produced for tough environments
- The AMCS Weighbridge software used together with the driver terminal allows for driver-operated weighing system.
- With AMCS software, the dynamic weighbridge is a complete material and order management system
- Can be set up as an attended or unattended weighing system
- Real-time display of axle weights



# AMCS Dynamic Weighbridge

## Specifications

- Type approved according to OIML R13
- Type approved for transit speeds of up to approximately 5 km/h
- Measurement accuracy 0.2 - 0.5% at full load
- Standard capacity of 15 tonnes/axle.
- All equipment is CE approved

## About AMCS

AMCS is the leading supplier of integrated software and vehicle technology for the waste, recycling and material resources industries. We help over 1000 customers to reduce their operating costs, increase asset utilisation, optimise margins and improve customer service.

## Optional equipment

To ease the weighing procedure, our weighbridges can be combined with a number of options:

- **Driver terminal**  
Our driver terminal is designed in stainless steel, rugged for harsh environment. It has a 12" touch screen, thermal printer and RFID or barcode reader.
- **Heating**  
Our weighbridges can be equipped with either electrical heat or water-based heat.
- **Software**  
AMCS Weighing software for standard PCs handles tickets, reports, statistics & billing, etc.
- **Traffic light**  
Traffic light management is integrated in the weighing procedure. It can be manually operated or automatically switch to green when weighing is completed.
- **Traffic barrier**  
The AMCS software can be used together with barriers opening when weighing is completed or be integrated with the central RFID passage system.

- **Long-distance RFID**  
Identification of vehicle when it arrives with RFID tags mounted in the wind shield of the truck to ensure unnecessary stops.
- **Ground-mounted casing**  
If the distance to the building is long, a casing with mounted junction boxes, thunder protection, indicator and heating is recommended. A separate casing can also be used for power supply to the weighing system unit.
- **Large display**  
Clear and easy-to-read total weight and axle weights of the vehicle.
- **Communication**  
Telephone for communication between driver and office.
- **Camera**  
Easy monitoring of the weighing procedure, the entries and exits as well as identification of vehicles and their loads.
- **Lightning protection**  
Electrical bonding and surge protection to the weighbridge.



AMCS

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