

# Avery Weigh-Tronix Onboard Weighing



SOFTWARE

JUNCTION BOXES

SIGNAL PROCESSORS

MONORAIL SCALES

PRINTERS

REMOTE DISPLAYS

BALANCES

COUNTING SCALES

BENCH SCALES

**ONBOARDWEIGHING**

CONVEYOR SCALES

FLOOR SCALES

FORKLIFT TRUCK SCALES

CHECKWEIGHERS

PRE-PACK

RAILROAD SCALES

Accurate. Reliable. Robust.

**Skip  
Weighing  
System**

Reliable, accurate  
skip weighing system  
for all types of trucks.

## Avery Weigh-Tronix



*Avery Weigh-Tronix is one of the world's leading weighing companies and has one of the largest service organisations to match. Our name on a skip weighing system guarantees the latest weighing technology, manufactured to the highest standards and delivered where you want, when you want. Equally important, your system will be backed by a nationwide network of technicians providing round-the-clock cover.*



**Reliable, accurate skip weighing. Nationwide support.**

**Technology and quality you can count on.**

Our onboard skip weighing system has been developed in partnership with one of the UK's most experienced onboard weighing specialists. Taking the lead, Avery Weigh-Tronix is bringing to the market an unrivalled combination of technology, quality and after sales support.

**Save costs and increase safety.**

With increased competition and growing waste disposal costs, it's more important than ever to know exactly what you're collecting.

Avery Weigh-Tronix onboard weighing system:

- Helps ensure that vehicles comply with Health and Safety regulations by preventing overloading. An automatic alarm sounds if the skip is too heavy for the truck. There's also no increase in unladen vehicle weight.
- Helps reduce the cost of operating your skip vehicles as you can be confident you are transporting only the optimum amount. This reduces your vehicle's maintenance and repairs and improves fuel consumption.
- Enables quick decision making because the skip is weighed instantly as it leaves the ground. This allows you to quickly decide the best place it should be taken for tipping, somewhere that you are paying by the load or where you pay by weight.

*Skip weighing load cell*



**Simply the best designed product on the market.**

**Long term high reliability**

The system features rugged electronics and proven digital load cells that offer greater reliability and faster, more accurate weighing than conventional analogue types. The cable connections are also reduced from 60 in a conventional system to eight in the Avery Weigh-Tronix system. This means simpler diagnostics, which add up to lower service costs and increased uptime.

Concealed elasticated cables run inside the skip arms, protecting them from daily wear and tear. This unique design is suitable for all makes of truck and for use with either fixes or telescopic arm operation.

On the Avery Weigh-Tronix system, the load cells replace the chain hanger bracket on the 'saddle' of the skip arms. This enables the arms to swing or extend without affecting the consistency of the results.

**Easy to install or retrofit**

The compact weighing unit is easy and inexpensive to fit on new or retrofit installations. Because of their wiring simplicity, our onboard weighing products can be added to your vehicles while they are within their service life, thus protecting your initial investment.

**Easy to use – digital display unit**

Weight is shown on a cab mounted digital display which can be used in the hand like a CB mic or as an option, exterior mounted in a weatherproof housing near the control levers. There's nothing complicated: the unit is simple for even new operators to use and requires very little training. There is also the option to print out tickets in the cab for improved efficiency and profitability.

**No batteries required**

You won't have to worry about being caught without power because the system uses the truck's own power. There is also no need to go through the headache and downtime of changing batteries, never an easy procedure on these vehicles.



**Nationwide service network**



*Avery Weigh-Tronix systems are backed by one of the UK's largest and most experienced service networks.*

*With over 350 technicians strategically located throughout the UK, we can offer round-the-clock cover so there will always be reliable, expert help close at hand, whenever you need it.*

*Our UK-based call centre is open 24 hours a day, every day of the year, so you can talk to a person, not a computer, exactly when you need them.*



## General Features

### Indicator Specifications

- 2 Line, 16 character LCD displays with contrast and brightness adjustment
- Power: automotive 24V supply
- Selectable resolution from 1kg to 100 kg
- Easy to use navigator control
- Easy user calibration
- Gross Vehicle Weight (GVW) and net payload display, tare feature, axle load control, time and date readings
- Lightweight, robust anodised aluminium case can be mounted externally or in cab. The in cab version can be mounted on brackets or hand held with curly cable to minimise blind spots and glare problems
- Micro-controller based electronics
- System self diagnostics on individual load cells with test LEDs
- Pin password protection on setup data
- Printer and PC outputs
- Designed to meet EMC emission regulations

### Cable specification

- Two wire data transmission
- Custom made flat twin cable and IDC assembly
- Connections sealed to IP68; end cap seals for ingress protection
- Clamp tool for IDC assembly
- Digital data transmission is polarity and moisture insensitive

### Skip cell specification

- Custom made digital load cell
- Internal decoder with LED feature
- 2 cells supplied per system
- Electroplate finish for metal protection
- Triple sealed for environmental protection
- Excitation: powered by the indicator
- Designed to meet EMC emission regulations
- Audible alarm which sounds if lifting a laden skip will cause the truck to exceed its GVW



# Avery Weigh-Tronix

**Avery Weigh-Tronix - USA**  
1000 Armstrong Drive,  
Fairmont, MN 56031-1439 USA  
usinfo@awtxglobal.com  
Toll-Free: (877) 888-1646  
Phone: (507) 238-4461

**Avery Weigh-Tronix - UK**  
Foundry Lane, Smethwick,  
West Midlands B66 2LP UK  
info@awtxglobal.com  
Phone: +44 (0) 870 905 0060  
Fax: +44 (0) 121 697 5660



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[www.averyweigh-tronix.com](http://www.averyweigh-tronix.com) for your  
nearest Avery Weigh-Tronix distributor

