ACCUWEIGH
Onboard and Vehicle Weighing Systems

AXLE CHECK 9000E
Transform Your Full-Length, Ground-Level Weighbridge into an Axle Weigher and avoid overload fines!

SOLUTIONS PROVIDER FOR CHAIN OF RESPONSIBILITY

Transform your existing full-length, ground-level weighbridge with just an IT9000E Weighing Terminal!

DESCRIPTION

The Axle Check 9000E In Motion System has been specifically developed to offer customers with existing ground level weighing infrastructure a cost effective way of meeting demanding Chain of Responsibility (COR) requirements.

Unlike other in-motion systems that require the installation of special weighing devices (and therefore an additional process), this system has been created to work **in conjunction** with **all** existing aspects of the site. From utilising the existing site weighbridge hardware through to using current procedures when departing the site to make the system virtually invisible during the data collection process.

The Accuweigh IT9000E Weighing Terminal is a highly sophisticated, fully programmable device that can be easily interfaced to a customer's IT system through various protocols including Ethernet, WLAN (optional), ProfiBus, CANbus and DeviceNet. This ease and flexibility of data management and transfer allows for maximum use of the collected data to take control of mass management.

APPLICATION

Ideal for the Transport Industry, Waste Industry, Forestry Industry, Demolition and Excavation Industry, Marine and Ports, etc. and anyone with COR liability or with loaded vehicles exiting their site.

Axle Check 9000E is ideal for detecting overloading of vehicles and therefore is an effective prevention against fines for both axle and total load infringements.

Fleet operators also find the Axle Check 9000E useful for the prevention of under loading, therefore encouraging plant operators to improve efficiencies by maximising payloads.

In eliminating overloading, the Axle Check 9000E can also deliver improved site safety which can have a positive impact for insurance purposes.

PERIPHERAL EQUIPMENT

Axle Check 9000E can be integrated with any control barriers, traffic lights, displays, signs and cameras (including digital video recorders truck registration recognition systems) to meet the most demanding application.
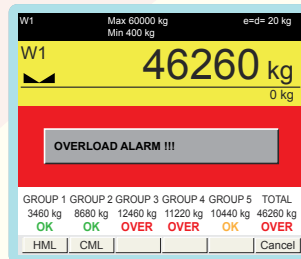
AXLE CHECK 9000E

WHAT CAN IT DO?

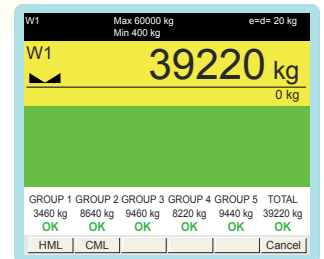Minimise risk to Business Owners and Senior Management by:

- Automatically providing truck classification information (that is, the system can automatically determine if the vehicle on the weighbridge is a semi-trailer, truck and dog, etc.),
- Automatically measuring the axle group weights of vehicles using the weighbridge,
- Automatically comparing the measured axle weights with pre-entered legal maximum limits,
- Automatically signalling the operator of any over load breaches,
- Automatically recording (in tamper-proof memory) any overload breaches,
- Providing a paper ticket displaying all axle group weights and the total vehicle gross weight (as well as date, time, etc.)
- Storing an electronic copy of all weighbridge transactions complete with axle group and gross weights,
- Optionally operating alarms, boom gates, sliding gates, warning sirens, and flashing lights to warn/prevent overloaded vehicles from leaving the site, and
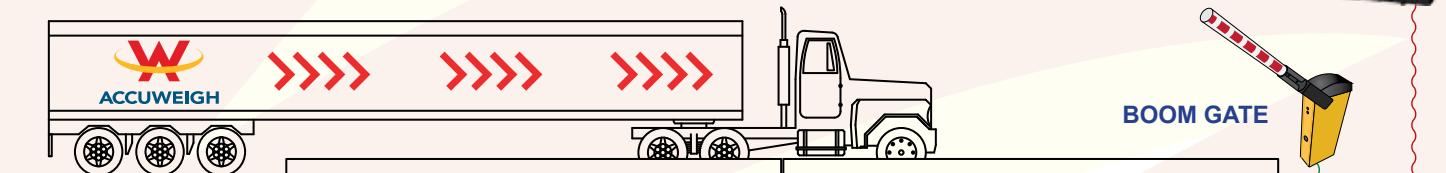- Optionally accommodating HML & CML axle group weight limits.

HIGHLIGHTS

- Full Colour Graphic Display Switching from Green (for Legal Loads) to RED (for Illegal Loads)
- Ethernet and USB Interface as Standard
- Wireless Interface Option (No Network Cables) for Hassle-Free Installation and Interfacing
- Wide Array of Other Interfaces Available: RS-232, RS-485, RS-422, Device Net, ProfiBus
- Fully Trade-Approved Weighbridge Indicator
- Stainless Steel, IP-65 Enclosure for Outdoor Use

| W1 | Max 60000 kg | e=d= 20 kg |
| | Min 400 kg | |

W1 **46260** kg
0 kg

OVERLOAD ALARM !!!

GROUP 1	GROUP 2	GROUP 3	GROUP 4	GROUP 5	TOTAL
3460 kg	8680 kg	12460 kg	11220 kg	10440 kg	46260 kg
OK	OK	OVER	OVER	OK	OVER

| HML | CML | | | | Cancel |

OVERLOADED VEHICLE SCREEN

| W1 | Max 60000 kg | e=d= 20 kg |
| | Min 400 kg | |

W1 **39220** kg
0 kg

GROUP 1	GROUP 2	GROUP 3	GROUP 4	GROUP 5	TOTAL
3460 kg	8640 kg	9460 kg	8220 kg	9440 kg	39220 kg
OK	OK	OK	OK	OK	OK

| HML | CML | | | | Cancel |

ACCEPTABLY LOADED VEHICLE SCREEN

MESSAGE DISPLAY TRAFFIC LIGHTS

BOOM GATE

PARALLEL INPUT/OUTPUT
WEIGHBRIDGE
SERIAL COMMS

IT9000E WEIGHING TERMINAL

PRINTER   iBUTTON ID TAGS

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