

Products

PRO | grade

MACHINE GUIDANCE

- Digmaster ●
- Digmaster Pro ●
- pcX-Pro ●

PRO | safe

SAFE & EFFICIENT PLANT

- Liftwatch 5 ●
- Liftwatch Rail ●
- Heightwatch 6 ●
- Heightmaster ●
- EA Heightmaster + ●
- Motion Control System ●
- Rangemaster ●
- Slopemaster ●
- TMI ●
- Truckwatch ●

PRO | load

ON BOARD WEIGHING

- Weighloader ●
- Weighloader ADT ●



Prolec's Weighloader ADT offers a unique solution to the problem of on board weighing on articulated dump trucks, providing an unrivalled level of accuracy and usability. Weighloader ADT is suitable for use in applications where the accurate management of product across one or more multiple sites is required. Using Weighloader ADT can also prevent potentially costly overloading by warning operators of loading vehicles of the approach to maximum load.

Benefits

- ▶ Right first time loading
- ▶ Faster loading cycles
- ▶ Overload prevention
- ▶ Monitor dump truck production
- ▶ Improve material handling operation

Features

- ▶ Accuracy >3% (even on slopes and uneven ground)
- ▶ Automated operation
- ▶ Multiple products and sites
- ▶ Easy to use operator interface
- ▶ Operators trim facility for optimum performance
- ▶ Target weighing mode
- ▶ Approach to target and overload warning
- ▶ Configurable to fit most ADT brands
- ▶ Optional printer
- ▶ Optional telemetry based communication
- ▶ Optional fleet management

Suitable for use on:

- ▶ Articulated Dump Trucks

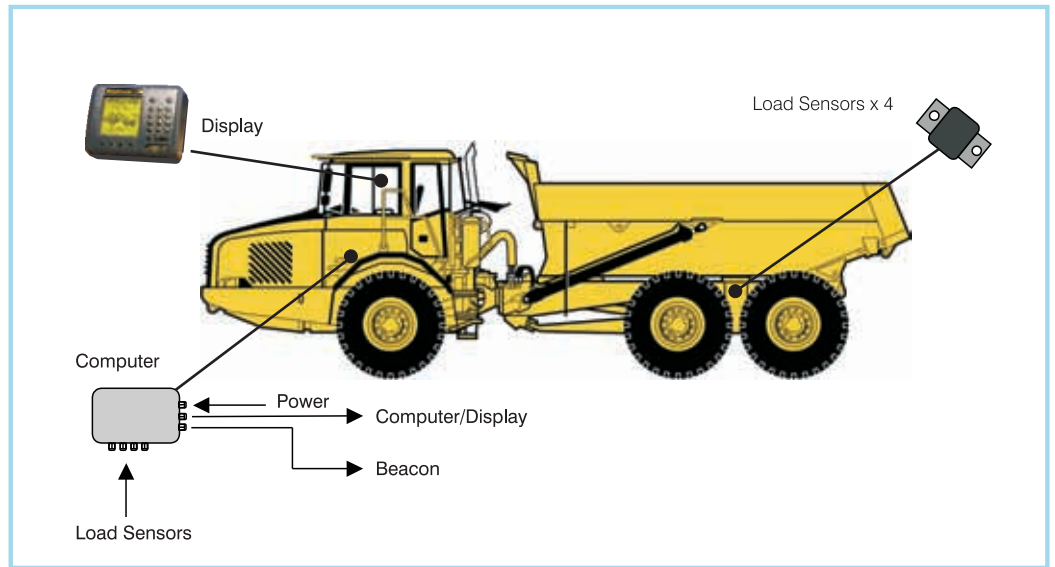


System Reliability

With their long track record in providing safety and productivity products to the construction industry, Prolec recognises that reliability should come as standard, not as an option.

Product Support

The quality of after sales support is as important as the product itself. Prolec provides customer support through a network of mobile service engineers in the UK and appointed international distributors overseas. In addition to this, Prolec has a dedicated in-house customer support team.



Technical Specification - Display

Display Type	128 x 128 graphic display with LED backlight. Contrast/brightness adjustable.
Keypad	Backlit rubber keypad
Inputs/Outputs	RS485 serial data connection (computer connection) RS232 serial data connection Opto isolated input
Power Supply	Operating voltage 10V to 30V dc Current consumption 500mA max Protected against reverse connection and voltage transients Solid state re-settable fusing and integral regulation
Temperature	Operating: 0°C to +50°C Storage -10°C to +60°C
Environmental Protection	IP65
EMC	Meets Directive 89/336/EEC

Technical Specification - Computer

Inputs/Outputs	4 x Load sensors RS485 serial data connection (display connection) Power supply input Beacon control output
Power Supply	Operating voltage 10V to 30V dc Current consumption 500mA max (not including beacon) Protected against reverse connection and voltage transients Solid state re-settable fusing and integral regulation
Temperature	Operating: -20°C to +60°C Storage -40°C to +80°C
Environmental Protection	IP67
EMC	Meets Directive 89/336/EEC

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