



Complete Service Support





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from the UK's leading manufacturer and supplier of load cells and industrial weighing systems.

Built on decades of engineering excellence, Applied Weighing provides market leading, tailor made products and servicing to your weighing system requirements that are completely accurate, reliable and trouble free.



Total Support

Our site and software engineers are probably the most experienced and professional process weighing engineers in the UK.

They are strategically positioned across the country, allowing us to give technical support and rapid response to all of our customers.

Applied Weighing engineers carry the equipment to enable them to service and calibrate all types of weighing systems to national standards, irrespective of the original supplier or manufacturer.

Total peace of mind

Our manufacturing and repair capability enables express replacement of load cells and instrumentation in the event of a failure. Our engineers also carry critical spares in their own stock ensuring quick and efficient breakdown solution.

Whether you require a single load cell or a complete batching system. Applied Weighing will provide innovative, cost effective products and servicing for any type of environment.



Free Site Survey

Applied Weighing undertake **FREE** site surveys for all potential new customers in order to improve scale reliability, prevention of breakdowns, increase productivity and ultimately reduce costs. We can help you get your equipment back on track.

We offer a free, no obligation site survey to assess your weighing equipment and make recommendations for improvement.

Some of the things we assess on the survey are:

- > Condition of equipment;
- > General housekeeping practices;
- > Use of equipment and possible improvements;
- > Criticality of equipment and if spare parts are available;
- > Current rates of failure / breakdown frequency;
- > Average cost of a component failure / breakdown;
- > Potential savings on upkeep of scales.

We expect an average time of 45-60 minutes to complete the survey, and once the survey has been completed you will receive a detailed report along with any recommendations.

To book your FREE survey, please contact us

Our Service Support offers so many benefits



- > Market leading expertise in weighing systems and process control solutions
- > Service and calibration to ISO9001 standards
- > Service & software engineering support throughout the UK and Europe
- > Management of your calibration due dates
- > 24 Hour spares support from the UK's leading load cell manufacturer
- > 24 Hour access to technical expertise
- > Total site capability from lab balances to silo weighing systems
- > Guaranteed cost savings on load cells and control instrumentation
- > Interim customer care survey to ensure we are delivering the service you deserve
- > Calibration certificates posted and PDF version e-mailed to every customer
- > Total peace of mind - unrivalled technical support and engineering skill

**Market
leading
expertise**

**Service and
calibration
to ISO9001
standards**

**Support
throughout
the UK and
Europe**

**24 Hour spares
and technical
support**

**Guaranteed
cost savings
on load cells
and control
instrumentation**

**Management
of your
calibration
due dates**

Maintaining and calibrating your equipment is vital



Applied Weighing's objective is to provide our customers with accurate, reliable and trouble free weighing systems and servicing - giving total peace of mind.

Customer surveys show that by providing excellent service, using specialist experienced engineers, fast efficient response and very competitive pricing, we exceed our customers expectations every time.

Total Support

Applied Weighing delivers the total support that you would expect from a leading manufacturer:

- > Installation and commissioning
- > Factory and site acceptance testing
- > Scheduled equipment calibration
- > Preventive / Corrective maintenance
- > Equipment legal verification
- > System improvement

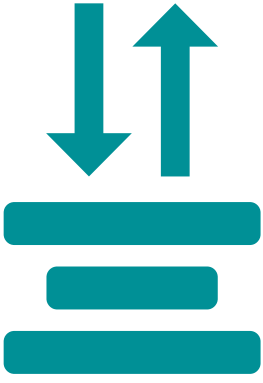
Total Site Capability

Each of our engineers carries fully traceable calibration equipment which is calibrated annually in accordance with ISO9001. This enables us to offer a service to look after the full spectrum of site weighing equipment:

- > Bulk storage silo weigh systems
- > Process weigh vessels (hoppers, mixers, kettles, reactors, etc)
- > Platform scales
- > Weighbridges (using trade approved weighbridge test unit)
- > Temperature probes
- > Lab balances (for UKAS ISO/IEC17025, using our specialist business partner)

Calibration Equipment Includes:

- > Calibration Weights 500kg of 20kg type M1 tolerance
- > Calibration Weight set from 1 g to 20kg F1 tolerance
- > Flowmeter (ATEX approved) for flow calibration of weigh vessels
- > mV Generator for vessel simulation and set up
- > Fluke DVM to 0.001mV for accurate result measurement
- > FastCal UKAS temperature bath for probe calibration



HydraCal



Direct Force Calibration

The HydraCal direct force calibration system allows for a weighing vessel or silo to be fully calibrated in the fraction of the time taken using flowmeter or weighbridge calibration methods.

This revolutionary, proven technique can be carried out easily on any weigh vessel with suitable jacking points fitted at each load cell location. There are two methods that can be used depending on the suitability and type of the vessel.

Force Calibration

With the correct brackets in place, we can use our HydraCal system to apply a measured force down onto a weighing vessel allowing our engineers to calibrate the system in multiple intervals, often up to the full scale of the weighing system.

Reverse Calibration

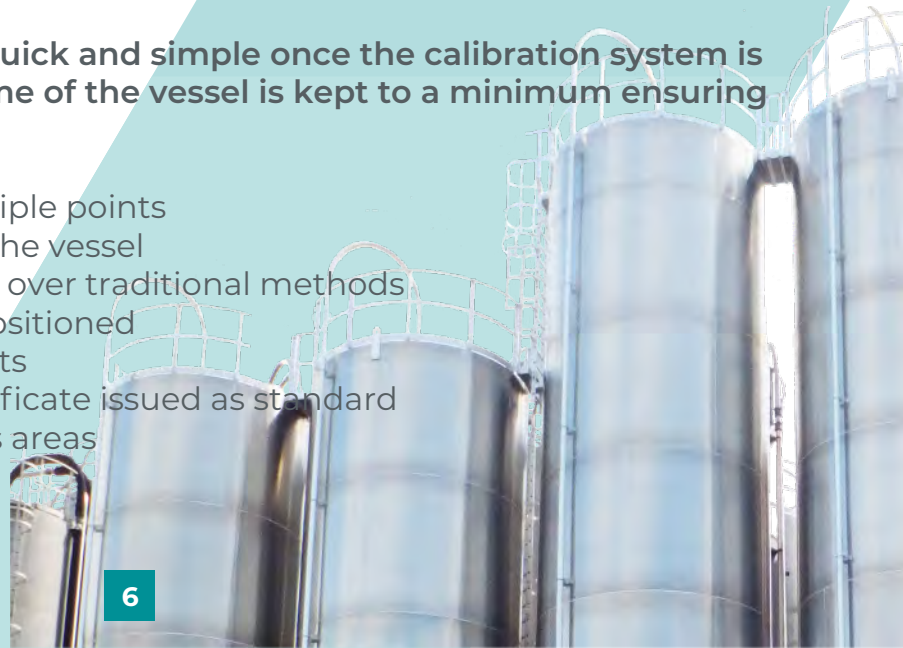
Our HydraCal system is used to push a known amount of weight off a full or partially full system. We jack the system in multiple, measured intervals back to zero, enabling us to check the overall system accuracy, the system linearity and repeatability.

This method can often be carried out without the need to modify your existing system as most systems already have a suitable jacking point at each load cell. This is particularly good on bulk storage silos which are rarely emptied.

Benefits of Direct Force Calibration

Either of the above techniques are quick and simple once the calibration system is positioned. This means that downtime of the vessel is kept to a minimum ensuring less production schedule problems.



- > True traceable calibration over multiple points
- > Can be carried out with product in the vessel
- > Cost effective with amazing savings over traditional methods
- > Simple and quick operation once positioned
- > Can use existing vessel jacking points
- > Fully traceable calibration with certificate issued as standard
- > ATEX approved for use in hazardous areas
- > Calibration accuracy to within 0.1%



Service agreement options

To ensure accuracy and confidence in your process, regular scheduled visits by one of our process weighing experts is the only way to ensure that your equipment is performing perfectly.

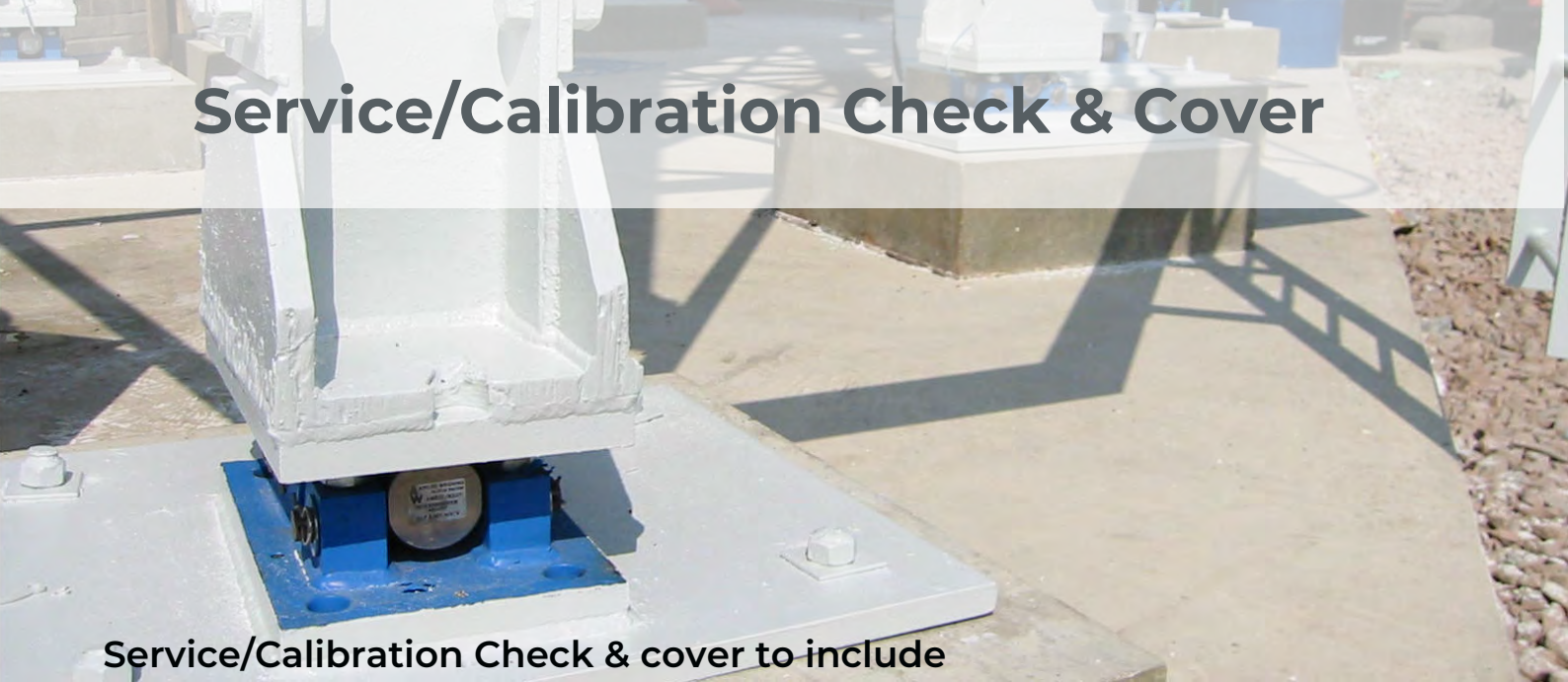
To provide you with accurate, reliable and trouble free weighing systems, we have devised 3 levels of cover to choose from:

Cover Options	 Scheduled Service & Calibration visits	 As Premier PLUS Breakdown labour cover	 As Premier Plus PLUS Spare parts cover
Scheduled Service Visits	✓	✓	✓
UKAS Traceable Calibration	✓	✓	✓
Posted Calibration Certificate	✓	✓	✓
E-Mailed PDF Calibration Cert	✓	✓	✓
Calibration Sticker	✓	✓	✓
Updated Calibration Spreadsheet	✓	✓	✓
24 hour Telephone Support	✓	✓	✓
Travel + Hotel costs	✓	✓	✓
Breakdown call outs + labour	See below*	✓	✓
Travelling costs to breakdown	X	✓	✓
Guaranteed Breakdown Response	✓	✓	✓
Instrumentation replacement	30% Discount	30% Discount	✓
Load cell replacement	30% Discount	30% Discount	✓

* Premier Cover labour costs to breakdowns would be charged at a reduced price

The minimum level of service cover available is the Premier Cover Plan. This will maintain the weighing equipment warranty, provides full telephone support and will ensure that system works accurately and reliably in accordance with ISO9001 and other QA Standards where applicable. More comprehensive service plans available, as per Cover Option table.

Service/Calibration Check & Cover



Service/Calibration Check & cover to include

- > Inspection of all load cells to check general condition of cells and cables
- > Inspection of pipe-work, flexible couplings and ancillaries for mechanical interference
- > Open and inspect all junction boxes
- > Test voltages, signals and resistance on load cells
- > Shim / Balance the load cells if required (and access allows)
- > Check amplifiers/indicator functionality
- > Carry out Traceable Calibration, checking Linearity & Repeatability
- > Issue of Calibration Certificate and calibration stickers

Recommended frequency of Service & Calibration visits

Weighing Machine Type	Light Duty	Mid Duty	Heavy Duty	Extreme Duty
Bulk Storage Silo	24 Monthly Visit	12 Monthly Visit	6 Monthly Visit	3 Monthly Visit
Storage Hopper/Vessel	24 Monthly Visit	12 Monthly Visit	6 Monthly Visit	3 Monthly Visit
Lab Balance	24 Monthly Visit	12 Monthly Visit	6 Monthly Visit	3 Monthly Visit
Batching Hopper/Vessel	12 Monthly Visit	6 Monthly Visit	3 Monthly Visit	1 Monthly Visit
Mixing Vessel /Kettle	12 Monthly Visit	6 Monthly Visit	3 Monthly Visit	1 Monthly Visit
FloorScale	12 Monthly Visit	6 Monthly Visit	3 Monthly Visit	1 Monthly Visit
Bench Scale	12 Monthly Visit	6 Monthly Visit	3 Monthly Visit	1 Monthly Visit
Dynamic Checkweigher	12 Monthly Visit	6 Monthly Visit	3 Monthly Visit	1 Monthly Visit

Definition of Duty:

- [Light Duty] Occasional Use / Accuracy not Critical
- [Mid Duty] Frequent Use / Accuracy Critical
- [Heavy Duty] Constant Use / Harsh Environment / Accuracy Critical
- [Extreme Duty] Constant Use / Extreme Environment / Accuracy Critical

We exceed our customers' expectations every time



To find out more about our product range contact us on

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Total Support Total peace of mind

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