

Features

- For when the dimensions of your project restricted.
- When you need to replace a standard load cell that is no longer available.
- For when you have a unique requirement or mounting arrangement.

Applications

- High or low temperatures.
- High and low capacities.
- Static and dynamic measurements.
- Standard or multi-axis.

Description

With over 35 years expertise in the industry, we can offer you an efficient, cost-effective, and quality load cell design and build service. We aim to achieve the quickest service and most competitive prices without compromising on excellence.

We do offer an extensive range of standard load cell solutions, but sometimes an 'off the shelf' solution simply isn't suitable. Over the years we have honed our experience to offer a knowledgeable in-house design team that can design your bespoke load cell, transducer, or load pin to suit your project requirements, discussing and advising along the way.

Once you have approved the custom design, we complete the process and manufacture it, supply instrumentation if required and set up and calibrate the system to provide a one-stop solution.

If you find yourself restricted by budget or the dimensions that you have available to work with on a project – it may even be possible that we can modify an existing design to better suit. Past projects have involved converting free issue tools or parts into working load cells that fit directly in-situ without any modification to the existing machinery.

All our designs are undertaken as per our ISO 9001:2015 accreditation, providing assurance that when a repeat requirement occurs in future, we can refer to the original designs/calculations and performance data.

Where to Start?

To get the ball rolling please contact us either by telephone or email and furnish us with as much detail as possible with regards to your project, such as the aim of your project/test, the maximum load to be measured, the environment of the test (wet, dry, hot, humid, etc), the loading mode, the accuracy required etc.

If you require a Non-Disclosure Agreement (NDA) to be in place before this stage can be discussed, please send that over to us for completion. Once signed off, we will get back to you, either to discuss the project in more detail, or with our proposal.

Examples

Below are several pictorial examples of custom build load cells we have produced for customers.



