At home in any environment whether indoors or outdoors or even subsea. They provide precision load monitoring for applications such as:

- Container Weighing
- Centre of Gravity Weighing
- Jacking Force Measurement
- Hydraulic Press calibration.
- Pile Force Measurement.
- Laboratory weighing & calibration.

**Compressive Load Cell**

Robust column style load cells ideally suited for accurate compressive force measurement in harsh conditions. Designed for general compressive load measurement these load cells are robust and precise.

**Cabled**

- Capacities from 2Te to 1000Te as standard.
- Cells designed to exactly suit your application.
- Robust, Compact, Stainless Steel design.
- Accurate to better than 1%
- Proof Load 200% (LOLER Compliant)
- Safety Factor of 5:1
- Supplied with domed top and spherical loading cap.
- Operating Temperature -20°C to +80°C as standard.
- Enclosure IP67 rated.
- Every unit load tested and certified.
- Designed & Manufactured by Power Jacks in the UK.

**Wireless**

- Wireless and cabled options available.
- Output options include mV, mA, V, RS232 with others available on request.
- Single, Dual and Redundant Bridge Designs
- Extra support base flanges available on request.
- Alternative support base flange designs.
- Cabled versions have a glanded exit with a long 10m flying cable as standard. Other lengths available on request.
- Plugin Connector versions available.
- Integral signal conditioning available.
- ATEX version available for Zones 0, 1 and 2.
- ATEX Zone 0 available (cabled design)
- Subsea variants available on request.

**Features**

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**Accessories**

- Matched handheld telemetry display for wireless models. Up to 12 wireless load cells can be linked to the handheld display for individual or summed load values.
- Integral carry handle.
- Matched Connectors.
- Fixed display monitor.
- Data logging software for your complete system solution.
Typical Load Cell Sizes

<table>
<thead>
<tr>
<th>Capacity [Tonne]</th>
<th>50</th>
<th>100</th>
<th>200</th>
<th>300</th>
<th>500</th>
<th>1000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diameter [mm]</td>
<td>øA</td>
<td>75</td>
<td>120</td>
<td>125</td>
<td>150</td>
<td>200</td>
</tr>
<tr>
<td>Height [mm]</td>
<td>B</td>
<td>110</td>
<td>142</td>
<td>180</td>
<td>180</td>
<td>300</td>
</tr>
<tr>
<td>Loading Diameter (mm)</td>
<td>øC</td>
<td>60</td>
<td>90</td>
<td>110</td>
<td>130</td>
<td>170</td>
</tr>
<tr>
<td>Spherical Cap Diameter (mm)</td>
<td>øF</td>
<td>65</td>
<td>93</td>
<td>125</td>
<td>150</td>
<td>200</td>
</tr>
<tr>
<td>Spherical Cap Height (mm)</td>
<td>G</td>
<td>10</td>
<td>18</td>
<td>30</td>
<td>30</td>
<td>50</td>
</tr>
</tbody>
</table>

Optional Support Base Flange

<table>
<thead>
<tr>
<th>Base Diameter (mm)</th>
<th>øD</th>
<th>130</th>
<th>150</th>
<th>150</th>
<th>200</th>
<th>270</th>
<th>400</th>
</tr>
</thead>
<tbody>
<tr>
<td>Base Height (mm)</td>
<td>E</td>
<td>40</td>
<td>50</td>
<td>50</td>
<td>50</td>
<td>50</td>
<td>75</td>
</tr>
</tbody>
</table>

These sizes are just a guide, larger or smaller sizes can be designed to suit your exact application. We will design and manufacture a load cell to suit your exact application so that you achieve the maximum performance.