

# A-Z <sup>OF</sup> Lifting Equipment

There is much to learn about the world of lifting equipment. Lifting Gear Direct is happy to present aspects of the lifting industry in this infographic, "An A-Z of lifting equipment".

<h2>A</h2>  <h3>Accessories</h3> <p>We start off our A-Z with accessories and equipment. The lifting industry has many accessories to help with the lifting process; these include chains, clamps, eyebolts and eye nuts, gin wheels and rope pulleys, hooks, magnets, shackles and snatch blocks to name but a few.</p>	<h2>B</h2>  <h3>Beams</h3> <p>Beams are an important term in the lifting industry. Beams are frequently used in many industries as a means of a supporting framework / part of a crane system for lifting applications. A beam is also used as an anchor point for beam clamps/trolley and hoisting equipment. There are also specialist beams such as spreader beams and lifting beams which are specifically designed with the lifting of beams in mind.</p>	
<h2>C</h2>  <h3>Cranes</h3> <p>Cranes are a frequently used lifting industry device. Larger cranes are seen in skyscraper developments, container handling in ports and also even for lifting other cranes on occasions! Smaller cranes such as floor/workshop cranes, jib cranes, overhead cranes are invaluable in settings such as factories, garages and warehousing for day to day use.</p>	<h2>D</h2>  <h3>Drums</h3> <p>Drums are just one example of a type of heavy object which the lifting industry has tailored solutions for. Drums are popularly used in the oil, brewery and chemical industries as well as many others. Example of drum lifting products include clamps, grabs, loaders and trolleys, lugs, positioners, rotators, tongs and trucks.</p>	<h2>E</h2>  <h3>Electric or manual?</h3> <p>It's a frequently asked question in many areas of lifting, whether to use electric lifting or manual lifting products. Examples where both are available include chain hoists; lift tables, winches, etc. Which type to use will depend on the lifting requirement, working environment and the cost.</p>
<h2>F</h2>    <h3>Forklifts</h3> <p>Forklifts are frequently used in the world of lifting to move heavy objects, often in settings such as factories and warehouses. Lifting equipment for forklifts includes extensions, hook attachments and jib arms.</p>		
<h2>G</h2>  <h3>Gear</h3> <p>"Lifting gear" is frequently used as an alternative phrase to lifting equipment within the lifting industry.</p>	<h2>H</h2>  <h3>Heights</h3> <p>Many lifting tasks involve working at heights, which not only increases lifting complexity but also creates safety implications. A whole range of lifting equipment and accessories are available to ease working at heights (see "S" for safety) and also legislation is in place to enforce safe working at heights practices.</p>	<h2>I</h2>  <h3>Inspections</h3> <p>Lifting equipment inspections are a necessary ongoing activity to reduce risk and ensure that lifting equipment is in prime working order and "fit for purpose". Different legislation applies around the world; in the UK organisations need to comply with the Lifting Operations and Lifting Equipment Regulations (LOLER).</p>
<h2>J</h2>  <h3>Jacks</h3> <p>Various types of jacks are used to support lifting; these include bottle jacks, forklift jacks and hydraulic jacks to name a few. Jacks have many uses including lifting heavy loads from very low heights, lifting in confined spaces and working at angles.</p>	<h2>K</h2>  <h3>Kits</h3> <p>There are various types of lifting kits available which all aid with different lifting operations, particularly height safety related kits. Examples include construction kits, roofer's kits, scaffolders kits; tree pruning kits and many more.</p>	<h2>L</h2>  <h3>Lifting</h3> <p>We had to choose "lifting for L". It's what the lifting industry is about after all! Lifting is the raising of objects to a higher position or level and also the picking up and moving of objects to a different location. The word "hoisting" can also be used as an alternative to lifting.</p>
<h2>M</h2>  <h3>Moving</h3> <p>Lifting tasks frequently involve material handling which is the moving of goods from one location to another. This could be internal movement (e.g. in a warehouse) or to an offsite physical location. Many industries have the need to move materials and a range of material handling equipment is available to complete these tasks.</p>	<h2>N</h2>  <h3>Nets</h3> <p>Lifting and hoisting nets are frequently used to unload/load cargo and utilise a lifting method where the cargo is lifted by drawing the corners of the strong net around the load. This technique is popular in shipping docks, warehouses and construction sites.</p>	<h2>O</h2>  <h3>Operations</h3> <p>The term "lifting operations" defines all practices relating to lifting and is the "LO" in "LOLER" the 1998 UK safe lifting regulations. It's important for all organisations to have documented procedures and trained staff to perform lifting operations.</p>
<h2>P</h2>  <h3>Pulling</h3> <p>The lifting industry doesn't just lift vertically there are also many occasions where pulling operations are required, e.g. pipe pulling, trench shielding and removing driven piles, etc. A range of equipment is available for pulling related tasks.</p>		<h2>Q</h2>  <h3>Qualifications</h3> <p>The lifting industry is complex, with lots of potential hazards and risks. Staff need to attend training courses and obtain relevant qualifications to perform at their optimum. Courses delivered by the LEEA are available worldwide.</p>
<h2>R</h2>  <h3>Restraints</h3> <p>Load restraints are an essential part of safety in the secure management of loads. Load restraint devices such as ratchet lashings, cam buckles, load binders and rope can all help to secure loads and avert potential disasters.</p>	<h2>S</h2>  <h3>Safety</h3> <p>Lifting and height safety is of paramount importance. There are various ways organisations can improve safety these include training of staff, safety audits, safety equipment (e.g. access platforms, fall arrest blocks, safety clothing, harnesses / safety kits) safety inspired operational policies and procedures (which are followed).</p>	<h2>T</h2>  <h3>Trolleys</h3> <p>Lifting trolleys are a type of lifting tool which enable the easy movement of heavy loads around a workplace. Various terms apply including lift tables, trolleys and trucks. Available in electric or manual models trolleys greatly aid lifting processes.</p>
<h2>U</h2>  <h3>Uplift</h3> <p>The word uplift is usually associated with an uplift in mood but also relates to the lifting industry. To uplift is to buoy up, elevate, lift, pick up and raise up. So why not do something uplifting today?</p>	<h2>V</h2>  <h3>Videos</h3> <p>As a part of staff development and training they should regularly watch lifting industry videos which contain a wealth of invaluable information. Just type "lifting industry" and related terms on sites such as Vimeo and YouTube and be sure to check-out the Lifting Gear Direct video channel.</p>	<h2>W</h2>  <h3>Wire Rope</h3> <p>Wire rope has many uses, often in lifting applications as slings or with hoists and winches. Wire rope is also used for supporting and tensioning as well as for barriers, bridge construction and architecture.</p>
<h2>X</h2>  <h3>Time/Measurement</h3> <p>Well the letter "X" was tricky but is used frequently in describing many product measurements and stands for "multiply or times". An 80 litre bucket could be described as 600W x 480D x 365H, wire rope could be 1x19, 7x7 or 7x19 with the numbers representing strands.</p>	<h2>Y</h2>  <h3>Yale</h3> <p>The lifting industry depends on the quality of its suppliers. "Y" is for Yale a premium brand in the worldwide lifting industry with a vast product range including clamps, claws, hoists, hydraulic cylinders, jacks, lanyards, load cells, magnets, pull lifts, slings, straps, trolleys, weighers, winches and more!</p>	<h2>Z</h2>  <h3>Zone</h3> <p>Lifting exclusion zones need to be defined around lifting areas to prevent accidents arising. These zones will be defined in health and safety procedures and these should be clearly identified.</p>

## Buying lifting equipment from Lifting Gear Direct

Hopefully you have enjoyed reading this "A-Z of lifting gear equipment". Call Lifting Gear Direct today on **01384 76961** to discuss any lifting requirement your organisation may have.



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Sources:  
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