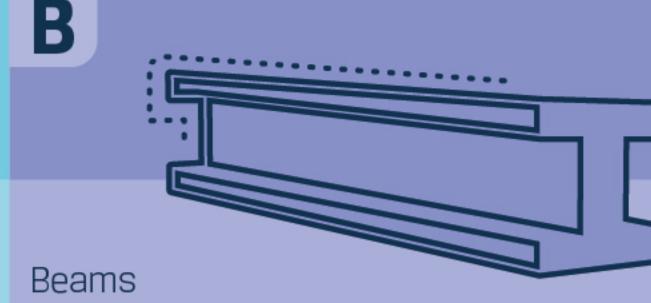


There is much to learn about the world of lifting equipment. Lifting Gear Directis happy to present aspects of the lifting industry in this infographic, "An A-Z of lifting equipment".



## **Accessories**

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 eyenuts, gin wheels and rope pulleys, hooks, magnets, shackles and snatch blocks to name but a few.



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.

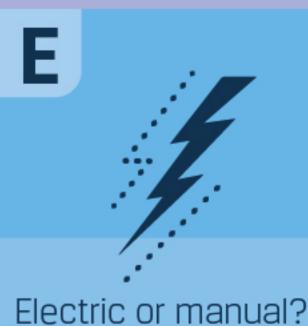


# Cranes

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.



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.



## 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.



## **Forklifts** Forklifts are frequently used in the world of lifting to move

warehouses. Lifting equipment for forklifts includes extensions, hook attachments and jib arms.

heavy objects, often in settings such as factories and



Gear

"Lifting gear" is frequently used as an alternative phrase to lifting equipment within the lifting industry.



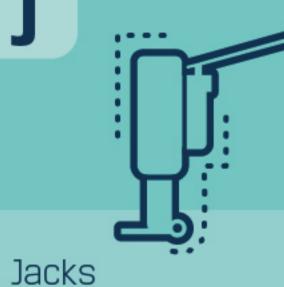
also creates safety implications. A whole range of lifting equipment and accessories are available to ease working at heights (see "S" for safety) and also legislation is in place to enforce safe working at heights practices.



## 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).

Lifting equipment inspections are a necessary

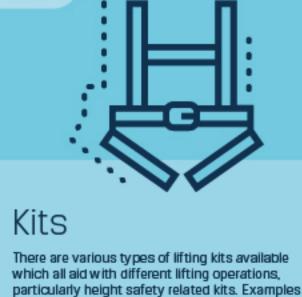


# Various types of jacks are used to support lifting;

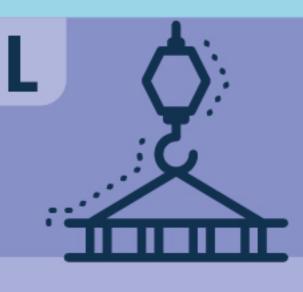
uses including lifting heavy loads from very low heights, lifting in confined spaces and working at angles.

hydraulic jacks to name a few. Jacks have many

these include bottle jacks, forklift jacks and



## include construction kits, roofer's kits, scaffolders kits; tree pruning kits and many more.



# objects to a higher position or level and also the

Lifting

picking up and moving of objects to a different location. The word "hoisting" can also be used as an alternative to lifting.

We had to choose "lifting for L". It's what the lifting

industry is about after all! Lifting is the raising of









available for pulling related tasks.

## Pulling 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

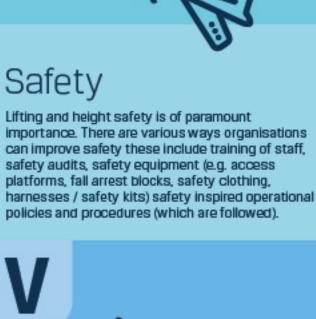


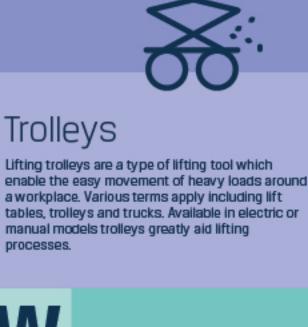
### potential hazards and risks. Staff need to attend training courses and obtain relevant qualifications to perform at their optimum. Courses delivered by the LEEA are available worldwide.

The lifting industry is complex, with lots of

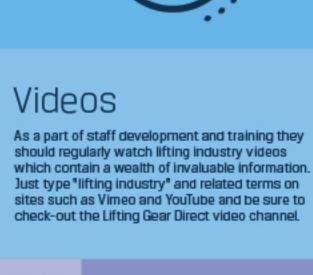
Qualifications







Uplift 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?

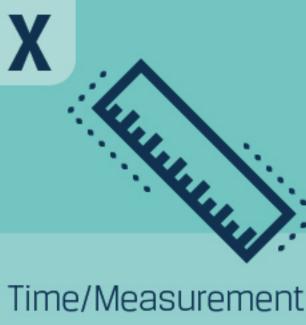


## Wire Rope Wire rope has many uses, often in lifting applications as slings or with hoists and winches.

Wire rope is also used for supporting and

tensioning as well as for barriers, bridge

construction and architecture.



# 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.



# Zone

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.

# 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.

Sources:

