

A large, silver-colored metal crane, the Arnold MK1 Compact, is positioned on a gravel surface. The crane has a long, telescopic boom that is extended upwards and slightly to the right. It features two large, black, treaded tires at the base. The base of the crane is a wide, flat metal frame with four adjustable leveling jacks, each with a black handle. The background shows a modern building with a stone wall and a set of stairs. The image is framed by yellow and grey geometric shapes in the corners.

AL

MK1COMPACT

ARNOLDLIFTERS

Taking the weight out of lifting with the
Arnold MK1 Compact

It's the safer way to lift!

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Arnold MK1 Compact
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Watch the video to see
how easy it is to use.
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USER GUIDE

The Arnold MK1 Compact is an ergonomically designed lifting device used by one person to safely and efficiently lift a range of manhole, duct and trench covers.

It has a very impressive and safe working load of 125kgs, with little effort needed to assemble and operate the Arnold MK1 Compact.

The Arnold lifter can be assembled and disassembled with ease into a compact and easily transportable size with a carrying weight at around 17kg. It also has high visibility light reflective markings to be easily seen at night or in low level lighting conditions.

The pivoting bearer beam allows the lid to remain in the horizontal position during the extraction or replacement process.

There are a variety of accessories for the Arnold MK1 Compact including the essential 'Stock Lifting Keys' which are available to use with most covers in the UK. This said, should you require a set of bespoke keys specific to your needs we will be happy to manufacture and supply them.

The wheels are 260mm in diameter with pneumatic tyres, which allow the Arnold to be easily guided across uneven or gravelled surfaces with minimal resistance*.

*(*Please note that the Arnold MK1 Compact is not designed to travel fully laden across rough terrain.)*

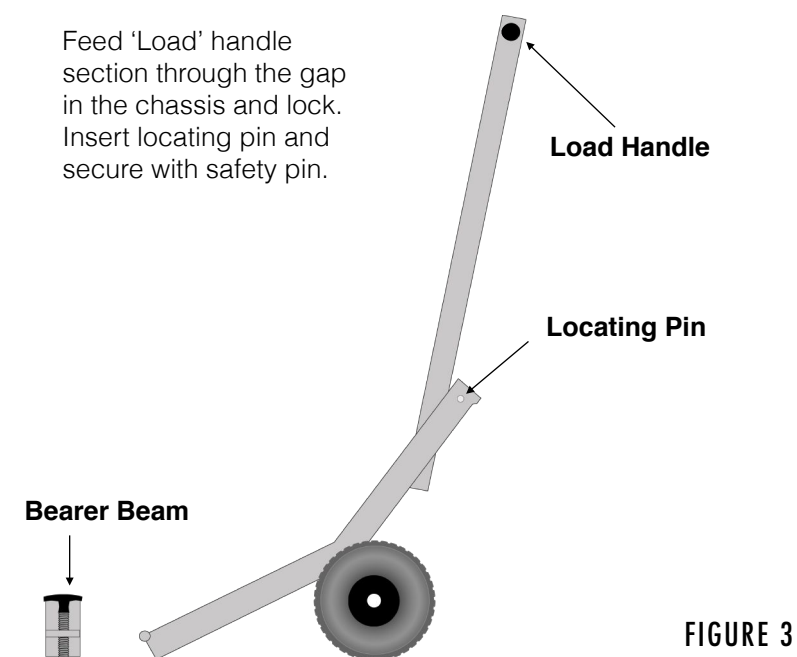
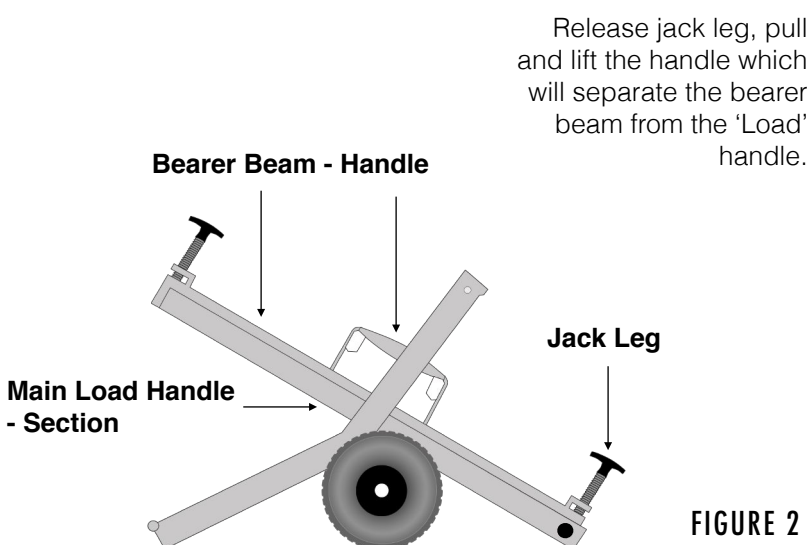
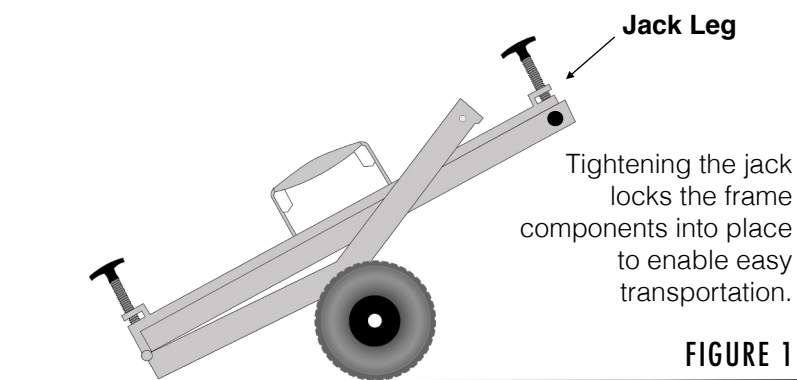


OPERATIONAL PROCEDURE

From storage wind the jack handle of the bearer beam anti clockwise (**Figure 1**). Pull the handle section back and lower it to the floor (**Figure 2**). Remove the bearer beam and place it over the lid.

The locating pin in the lower section should now be removed and the section guided through the gap in the lower section and locked into position by replacing the safety pin (**Figure 3**).

(Continues page 4.)



OPERATIONAL PROCEDURE

The lifting keys should then be guided through the centre of the bearer beam located into the lid below. Too secure, the keys should be rotated 90° and the locking nuts wound tightly onto the bearer beam.

The Arnold MK 1 Compact can now be manoeuvred into position with the front section being placed into the slots located in the handle of the bearer beam (**Figure 4**).

The Manhole Cover Lid

is ready to be removed. Force with downward pressure on the Load handle and the cover will start to lift up and out (**Figure 5**). If you meet with any resistance, you can screw down on the jacks as this will help to release the cover. (You may need to use a mallet to tap the cover).

Once the cover has been lifted and is above ground the Arnold can be wheeled backwards so the cover can be placed down in a safe location away from the work area.

Returning the cover, manoeuvre the Arnold to line up so the cover is positioned over the manhole, then lower gently into place.

Position bearer beam on the cover to be lifted and fit the lifting keys through the bearer beam and into the socket holes on the cover.

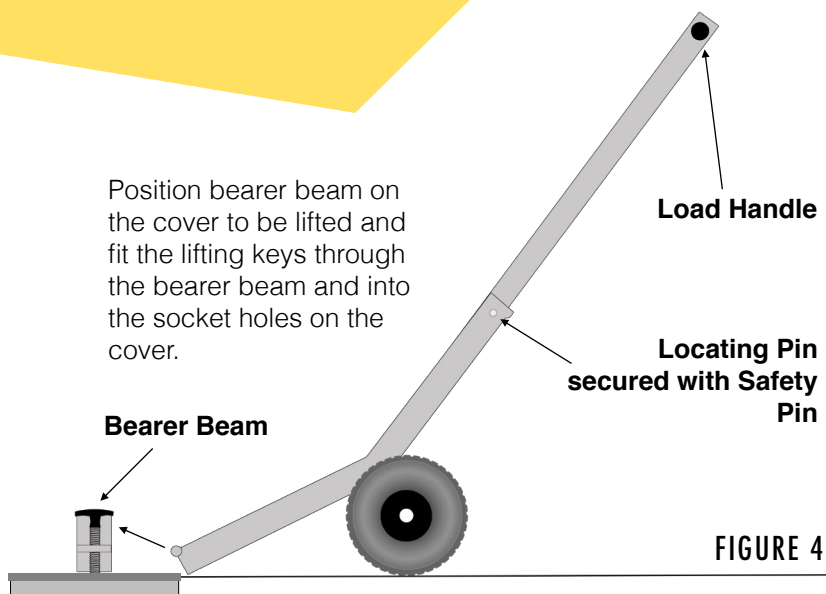


FIGURE 4

Position the Arnold MK1 Compact underneath the handle of the bearer beam and screw down on the load handle, lifting the cover.

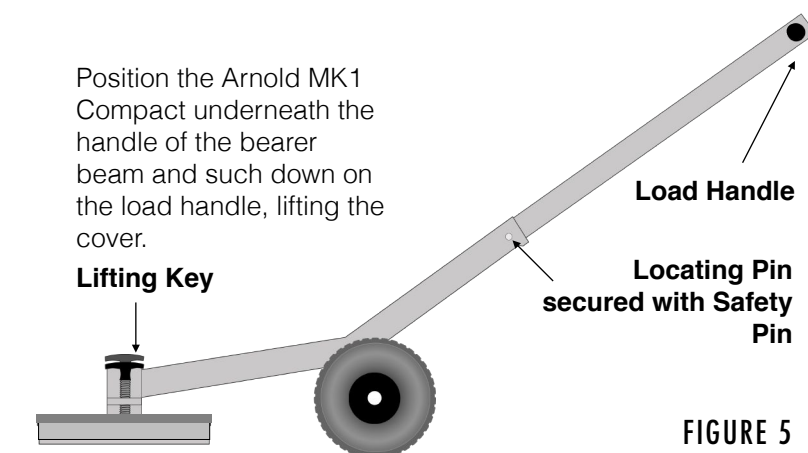


FIGURE 5

NOTE: The main frame of the Arnold MK1 Compact should be removed from the bearer beam before the lifting keys are released.





O P E R A T I O N A L V I D E O

Arnold MK1 Compact

**“Lifting the lid on safety
with its effortless ease of use.”**

Click on the link below if you're viewing this as a PDF, alternatively type the url into your browser.

https://youtu.be/hNDWlz0_gil



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QUALITY MANAGEMENT

Arnold Lifters Ltd have been approved QMS
Quality Management Systems to BS EN ISO
9001 : 2015.

The Arnold Mk 1 Compact lifting device has
been tested and approved to lift lids up too
125kg and has a self weight of approximately
17kg.

Patent Pending.

