

## Manhole lifter /Operating Instructions //

**EYE PROTECTION, PROTECTIVE SAFETY FOOTWEAR AND SUITABLE PROTECTIVE SAFETY CLOTHING INCLUDING GLOVES MUST BE WORN WHEN WORKING**

### A) List of parts //

1. One Main Beam
2. Main frame Yoke combining hydraulic Jack, main beam centre box with locking screw.
3. Two Wheel Boxes with locking screws.
4. Two Hook Boxes.
5. One Towing Handle.
6. One Pumping Handle.

### Unpacking and assembly //

1. Insert the main beam in to the centre box and lock down the screw.
2. Slide the hook boxes onto the main beam followed by the wheel boxes, locking down the screws. It is essential that the hooks face towards the yoke and the wheels face forward of the beam.
3. Finally, install the towing and pumping handles.



Assembly is now complete //

### Preparation //

1. Clean the debris from the keyholes in the manhole cover. A PROTEUS KEYHOLE GOUGER will simplify and speed this important operation.
2. Select the correct size and orientation of key for the cover. [See the PROTEUS INTERFACE ACCESSORIES LEAFLET]. Ensure that they are installed correctly in the keyholes.
3. Wheel the HANDYLIFT HYDRAULIC over the cover. Ensure that the wheels are positioned as close to the frame of the cover as possible to avoid straining the beam and slide hook boxes into line with the keys, finally attaching keys to the hooks.