

# THE Proteus HANDYLIFT WHEELER

## OPERATING INSTRUCTIONS

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

### 1. LIST OF PARTS

- (i) ONE MAINFRAME
- (ii) TWO WHEELS
- (iii) ONE HANDLE, in two pieces,  
with two locking pins.
- (iv) TWO SCREWJACKS.

### 2. ASSEMBLY

- (i) Place the mainframe on the road and insert the lower handle section; lock with pin provided.
- (ii) Insert upper handle section; lock with pin provided.
- (iii) Adjust the angle of the handle to suit the height of the operator, by pinning the handle quadrant in the appropriate hole.

The **Proteus** HANDYLIFT is now ready to work.

### 3. PREPARATION

- (i) Clean the debris from the keyholes in the manhole cover. A **Proteus** KEYHOLE GOUGER will simplify and speed this operation.

### 4. OPERATION

- (i) Choose the correct size and orientation keys for the cover. (See the **Proteus** INTERFACE ACCESSORIES list of keys.) Insert the keys in the keyholes.
- (ii) Draw the HANDYLIFT over the cover so that the hooks can be engaged in the key lifting rings.
- (iii) Pull on the handle to lift the cover. Wheel away and lower to the road in a position in which it will not interfere with the work to be done at the manhole.

**IF THE COVER DOES NOT LIFT WITH GENTLE PRESSURE ON THE HANDLE - DO NOT EXERT ADDITIONAL PRESSURE.**

**IF THE HANDLE FLEXES - DO NOT EXERT ADDITIONAL PRESSURE.**

**USE THE SCREWJACKS.**

- (iv) If the cover does not immediately lift, insert the screwjacks in the apertures in the front of the mainframe.
- (v) Turn the screwjacks each a few turns alternately until the cover is released from its frame.
- (vi) When the cover is loose, remove the screwjacks, return to the handle, lift the cover and wheel away.

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**MAXIMUM SAFE WORKING LOAD**

Maximum break-out force when using screwjacks ..... 1000 kg.

Maximum lift-out when using tilt handle ..... 150 kg.

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**HELP LINE**

For on-the-spot advice on applications, Safe working practices, choice of accessories

and special keys, **contact the specialists:**

	
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