User's Safety Guide

Lifting Guidelines

A guide to safe lifting of mobile & static welfare accommodation units

from **groundhog**

CONTENTS

General Safety 03

Important information 03
Approximate unit weights 03

Mobile welfare accommodation units 04

Threaded bush 04
Lifting eye 04
Mobile unit – lift using slings 05
Mobile unit – lift using fork lift truck 06
Mobile unit – lowered onto flatbed lorry 07
Mobile unit – secured to lorry 08

Static welfare accommodation units 09

Lift using slings attached to low level lifting 09
Static unit – secured to lorry 10
Securing unit to flatbed by twist lock 10
Static unit – lowered onto flatbed lorry 11
Solar panel notice 11

All sizes & weights are for guidance only.

Prior to lifting operations, carry out the following:

1. Cordon off the working area.
2. Ensure all lifting equipment and accessories (slings, shackles & eye bolts) are in good condition and are free from defects.
3. Ensure that the SWL of the lifting equipment and accessories are suitably rated for the load.

TO BE CARRIED OUT BY TRAINED PERSONNEL ONLY.

NOTE: Toilet waste MUST be emptied prior to lifting.

Approximate unit weights

MOBILES	Unladen weight (kg)	Possible gross weight (kg)
GP360 Single Axle Range	1,700	1,800
GP500 Twin Axle Range	2,300	2,700

STATICS	Possible gross weight (kg)
SW6100 STD	4,300
SW6100 FUSION	4,480
SW6100 FUSION FULL FLUSH	5,150
SWO7600 STD	4,600
SWO7600 FUSION	4,700
SWO7600 FUSION PULSE	5,800
SWO7600 FUSION FULL FLUSH	6,600
SWO9700 FUSION FULL FLUSH	7,010

All sizes & weights are for guidance only.

Threaded bush

GP360 ..... M16

GP500 / GPO500 ..... M20

Lifting eye

NOTE: When using yoke type screw-in lifting eyes, ensure that they are secured prior to lifting.

Mobile unit – lift using slings

GP360	1,800kg
GP500 / GPO500	2,600kg
GP600 / GPO660	3,500kg

GP360	**5m** slings
GP500 / GPO500	**6m** slings
GP600 / GPO660	**7m** slings

Capacity	Colour & stitching	SWL Single Sling Vertical Lift
2 TONNE sling (SWL 4.2T @ 0–45DEG)	Green + 2 central lines of stitching	2,000
3 TONNE sling (SWL 6.3T @ 0–45DEG)	Yellow + 3 central lines of stitching	3,000
5 TONNE sling (SWL 10.5T @ 0–45DEG)	Red + 5 central lines of stitching	5,000

NOTE: Sling dimensions are for guidance only

All sizes & weights are for guidance only.

Mobile unit – lift using fork lift truck

- Ensure the fork lift truck has the safe lift capacity:

  GP360 ..... 1,800kg

  GP500 / GPO500 ..... 2,600kg

- Ensure that the lift is undertaken on a level, hard surface.

All sizes & weights are for guidance only.

Mobile unit – lowered onto flatbed lorry

NOTE: Ensure handbrake is on prior to lowering onto bed of lorry.

Mobile unit – secured to lorry

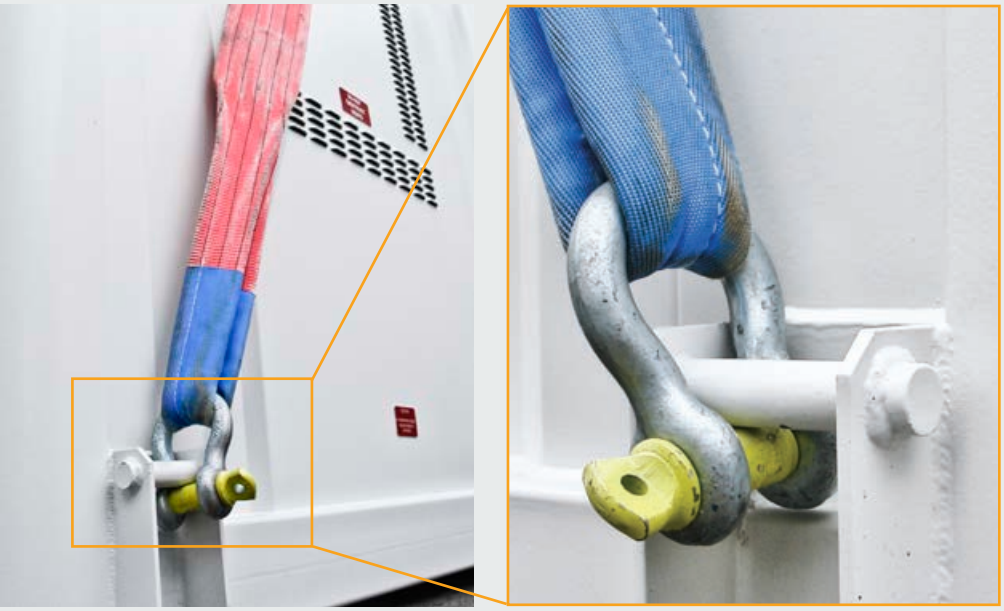
a. Straps on wheels

b. Tow hitch secured to lorry

NOTE:
DO NOT strap/ secure over towing coupling head.

All sizes & weights are for guidance only.

Lift using slings attached to low level lifting



SWO7600 ..... 5,500kg

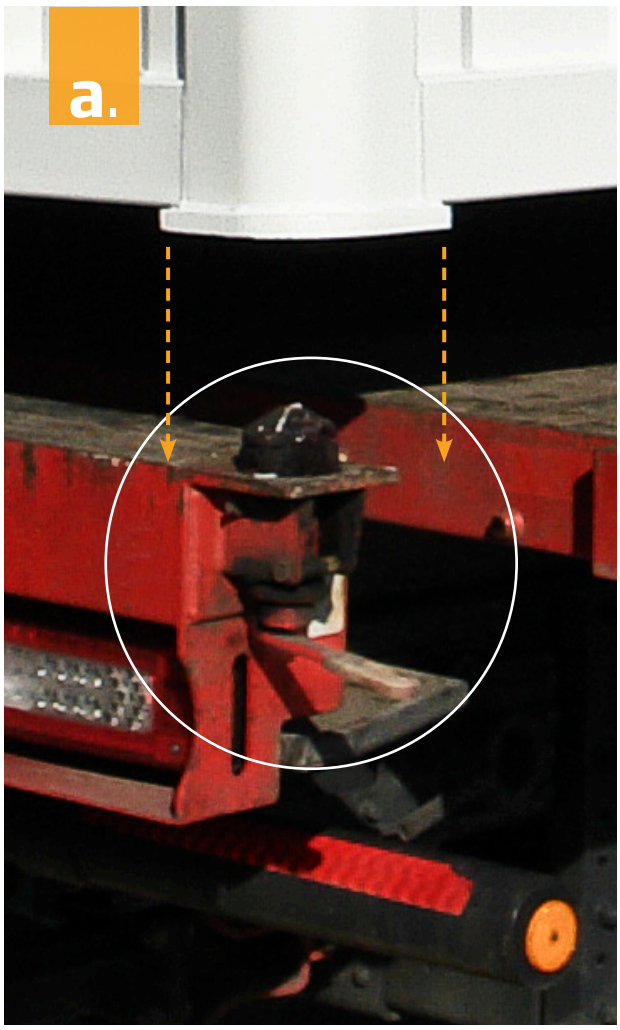
SWO9700 ..... 6,500kg

SWO7600 / SWO9700 ..... 7m slings

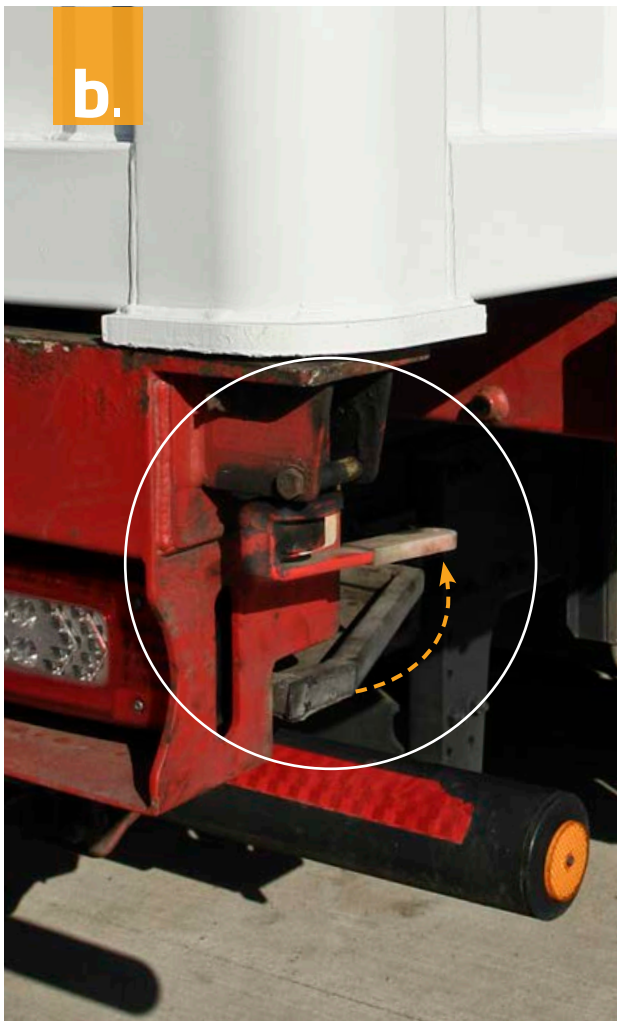
NOTE: Keep hands clear and do not stand under unit.

The ideal method of securing unit to flatbed is by twist lock

a. Static unit lowered onto twist-lock



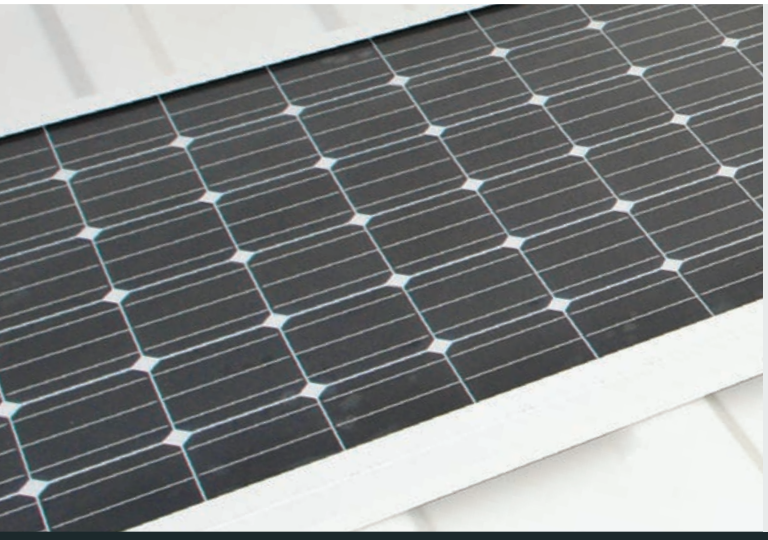
b. Twist-lock handle turned to secure unit to lorry



NOTE: If lorry is not equipped with twist-locks, then ratchet straps over the unit will be required to secure the load.

Static unit – lowered onto flatbed lorry

When securing static unit to flatbed lorry, we recommend using a minimum of **3 straps**.



Solar panels

When utilising straps over the roof of the unit, check that these do not damage roof mounted solar panels.

Genquip Ltd
Aberafan Road, Baglan Industrial Park, Port Talbot SA12 7DJ

Tel 01639 823484 | Fax 01639 822533 | Email sales@genquip.co.uk

www.groundhog.co.uk

The information contained within this booklet is for guidance purposes only.

Always follow your company's Health and Safety Procedures and any lift should comply with the Lifting Operations and Lifting Equipment Regulations 1992.

Version 1.0 | 10/18

Copyright ©2018 Groundhog UK Limited. All rights reserved.

No part of this material may be reproduced in any form by any means without the express written permission of Groundhog UK Limited.

* Weights and sizes shown may vary slightly. Groundhog reserve the right to change specification without prior notice.