



LOADING RAMPS OPERATORS MANUAL

Congratulations on the purchase of your new DIGGA ramps! This product was carefully designed and manufactured to give you years of dependable service. To keep them in operating in top working condition please read the instructions in this manual, observe all safety precautions and instruction in the following pages.

Contact your DIGGA dealer for any further information pertaining to this product or for further information on other products available in the DIGGA range.

ABOUT THIS MANUAL

This manual has been designed to help you stay safe.

Read this manual carefully and become familiar with its contents.

Remember; never let anyone use the ramps without reading the "Safety Precautions" and "Operating Instructions" sections of this manual.

DOs AND DONTs

Always..

- Always secure ramps to vehicle. Use the securing components (such as pins and R-clips) that are supplied or recommended by the ramp manufacturer.
- Follow the manufacturer's instructions for correctly installing and using securing systems
- Ensure that the ramps are lined up with the wheels or tracks of plant being loaded or unloaded
- Ensure that the ramps are load rated and suitable for the item of plant being loaded or unloaded (including any additional attachments on the plant)
- Use seatbelts when loading and unloading
- Check that the ramps are not bent or cracked before use.

Never..

- Use ramps unless they have been properly secured to the vehicle in accordance with the manufacturer's recommendations
- Use fixing components that have not been supplied or recommended by the manufacturer
- Use ramps or fixing components that have been damaged
- Allow persons near the plant while it is being loaded or unloaded.
- Cut, weld or Drill any part of the ramp

SAFETY PRECAUTIONS & OPERATING INSTRUCTIONS

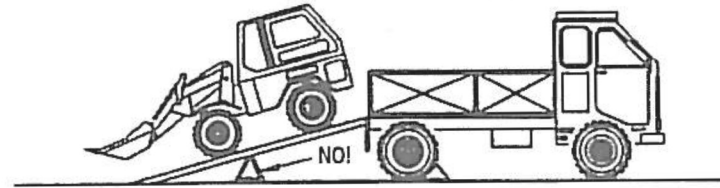
INSTRUCTIONS

- ① Before loading, make sure that the wheel base of the vehicle, the weight of the vehicle and its distribution on the axes are within the limits allowed.

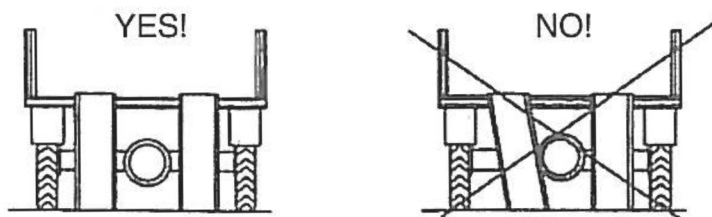


- ② Avoid propping up the ramps with shims of various type in order to increase their capacity.

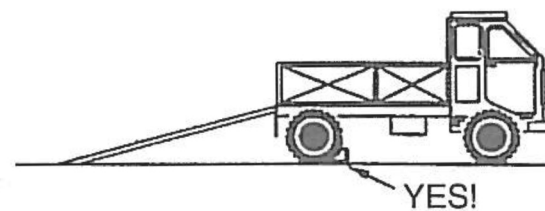
DANGER OF UNHOOKING



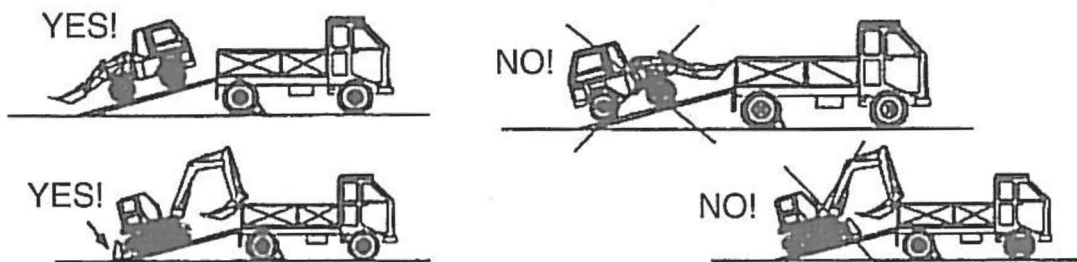
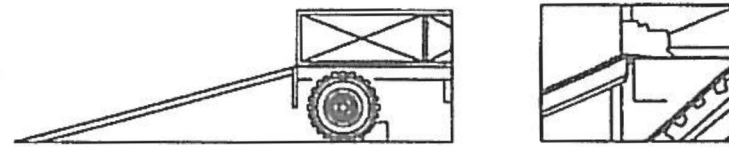
- ③ Check the vehicle track and adjust the ramps accordingly: check that the ramps are parallel with each other.



- ④ The vehicle onto which loading is made must be idle with wheels locked, handbrake engaged, motor switched off, without starting key in the switchboard and with body in horizontal position.



- ⑤ The ramps must be tightly laid and fixed on the lorry structure; check that the hooking is actually made before using the ramps.

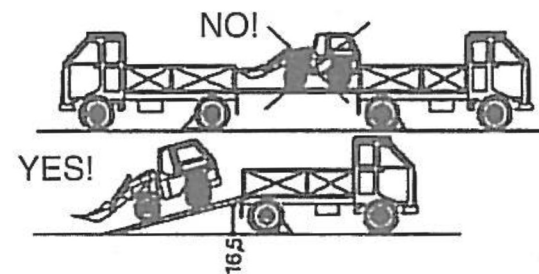


- ⑥ Use the ramps keeping in mind the distribution of the weights on the axes: the heavier axis must always be the higher one. If a stabilizing device is used, this must be kept on the lower side.

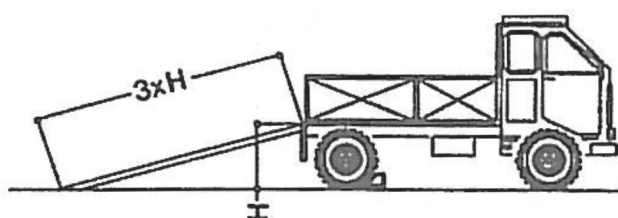
- ⑦ Shovels or similar tools, if any, must always be emptied before loading, even if the total weight is less than allowed.

- ⑧ Maximum speed on the ramps: 2m/min. Avoid abrupt brakings and departures.

- ⑨ DO NOT USE THE RAMPS AS A GANGWAY.



- ⑩ The upper part of the ramp must be at a height from the ground not greater than 1/3 of the length of the ramp.



- ⑪ When loading is accomplished, the ramps must be unhooked and laid on the ground. Care should be taken in order to avoid letting them fall on body parts, equipment or electric cables.

- ⑫ Ramps heavier than 30 Kg. should be moved by more than one person or by using hoisting equipment.

WARNING
INSPECT THE RAMPS FROM TIME TO TIME IN ORDER TO DETECT ANY POSSIBLE CRACKS OR FISSURES.

FIXING RAMPS TO VEHICLE

Digga Ramps must be secured to a vehicle. There are three (3) different ways. Using a Pin and R-Clip, using the tongue and using the chain method. Note the pin and tongue are primary attachment methods, the chain is a secondary method which shouldn't be used on it's own. The methods are explained below.

USING THE PINS



STEP 1 - Place ramp in position to line up hole on the ramps to the hole in vehicle bed.



STEP 2 - Place pin in hole. Ensure pin is correctly aligned with hole on carrying vehicle.



STEP 3 - Secure split pin (R-Clip) to underside of pin.

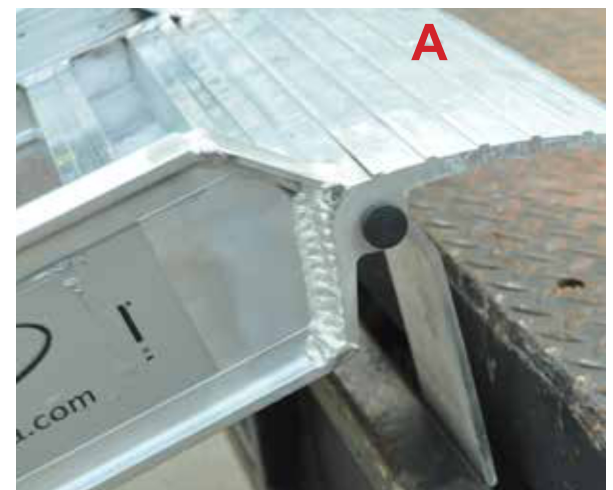
USING THE TONGUE



STEP 1 - Place the tongue in the channel ensuring the tongue faces the right way as per the image above.



STEP 2 - Place an end cap on each side of the channel to ensure the tongue doesn't fall out.



STEP 3 - Place the tongue between the truck bed and tail gate. Lower the ramp until part A (pictured above) is sitting on flush the truck bed.

USING THE CHAIN In conjunction with primary attachment method



STEP 1 - Connect the chain to the ramp using a shackle - min. 8mm



STEP 2 - Ensure the chain between the truck and ramp is not pulled tight. Allow 50-60mm of slack in the chain as indicated on the image above. As the trucks suspension lowers the chain will tighten. *Ensure the ramp cannot fall off the back of the truck when the chain is fully extended.*



STEP 3 - Lock the chain in place using another shackle. **NOTE.** Minimum of 8mm closed link chain must be used. **The chain must be secured to the vehicle in line with the middle of the ramp.**

Always park vehicle on level ground when using the ramps