

# CLARKE® STRONG-ARM



**500KG STEEL FOLDING RAMPS**

MODEL NO: CFSR500P

PART NO: 7610199

## OPERATION & MAINTENANCE INSTRUCTIONS

ORIGINAL INSTRUCTIONS

LS0320 ISS 2

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## INTRODUCTION

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The CLARKE CFSR500P Steel Folding Ramps are designed to simplify your loading and unloading of ATV's as well as motorcycles and lawn mowers. They are NOT designed to support the weight of a vehicle when ramps are extended.

- Only use as a vehicle ramp when the ramp is in the folded position.
- As vehicle ramps (folded) maximum weight capacity is 800kg per ramp.
- As ATV ramp (extended) maximum weight capacity is 250kg per ramp.

Before attempting to use this product, it is essential that you read this manual thoroughly and carefully follow all instructions given. In doing so you can look forward to the product giving you long and satisfactory service.

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## GUARANTEE

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This CLARKE product is guaranteed against faulty manufacture for a period of 12 months from the date of purchase. Please keep your receipt as proof of purchase.

This guarantee is invalid if the product is found to have been abused or tampered with in any way, or not used for the purpose for which it was intended.

Faulty goods should be returned to their place of purchase, no product can be returned to us without prior permission.

This guarantee does not effect your statutory rights.

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## SPECIFICATIONS

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Model Number	CFSR500P
Maximum Load Single/pair: (Extended)	250/500kg
Maximum Load Single/pair: (Folded)	800/1600kg
Maximum Allowable Tyre Width	9"
Extended Dimensions (L X W X H)	2000 x 230 x 50mm
Folded Dimensions (L X W X H)	890 x 230 x 150mm
Maximum Height Of Tailgate From Ground	76cm
Weight Single/pair	13.5/27.5kg

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# SAFETY

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1. Read, study, understand and follow all product warnings/cautions and instructions before use. Failure to do so may result in injury and/or property damage.
2. ALWAYS load or unload on a solid, level, well lit surface.
3. Make sure that the truck or trailer is in a locked position. (Make sure parking brakes are on). Use wheel chocks. If the truck or trailer moves forward while loading or unloading, the ramps may slip off the vehicle causing the load to fall.
4. DO NOT overload the ramps.
  - As a loading ramp - Maximum capacity single = 250kg, pair = 500kg. All loads must be evenly distributed.
  - As a vehicle ramp - Maximum capacity single = 800kg, pair = 1600kg. All loads must be evenly distributed.
5. Do not exceed the rated capacity of the tailgate - see your vehicle owner's manual.
6. The maximum height of the tailgate that the ramp attaches to is 76cm.
7. Always use the safety straps to securely fasten the ramps to the vehicle to prevent the ramp slipping off the tailgate.
8. Keep children and unauthorised persons away from the work area.
9. Inspect the ramps before each use. Check fasteners for tightness and replace any worn or damaged parts. Replace the safety strap if the webbing is frayed or worn.
10. Ramp surfaces must be clean, dry and free from oil, grease and water.
11. Any ramp that appears to be damaged in any way, is found to be worn, or operates abnormally MUST BE REMOVED FROM SERVICE IMMEDIATELY UNTIL REPAIRED.
12. If the ramps are believed to have been subjected to abnormal load or stress they MUST BE REMOVED FROM SERVICE IMMEDIATELY UNTIL FULLY INSPECTED FOR DAMAGE.
13. DO NOT modify the ramps in any way.
14. Carefully roll or winch equipment up or down the ramps. Never drive or ride on your equipment while loading or unloading.
15. Make sure the ramps are aligned with the wheels of the equipment being loaded or unloaded.
16. DO NOT put any tools or other equipment beneath the ramps.
17. Keep hands, feet, etc away from the ramps. DO NOT reach or get beneath either ramp.

18. Maintain correct balance and footing, DO NOT over reach. Ensure the floor is not slippery and wear non-slip shoes.
19. Proper care and maintenance of the ramp is critical to safety.
20. Proper use of this product is critical to safety. Improper use may result in personal or property damage which is not covered by the warranty.
21. These ramps are designed to rest against the top edge of your tailgate or trailer. If you are not using a bed liner, these RAMPS WILL SCRATCH YOUR VEHICLES PROTECTIVE PAINTED SURFACE.
22. These ramps are designed to be used ONLY with the flange facing the down (see assembly instructions). To use ramp inverted with flange up (to use sides as tyre guides) greatly reduces the weight capacity rating.

### **WHEN IN VEHICLE RAMP CONFIGURATION - FOLDED**

1. DO NOT exceed rated capacity - 800kg per ramp
2. Use only on a hard level surface.
3. Center the load between the sides of the ramp.
4. Use as a matched pair to support one end of a vehicle.
5. Ramps are not to be used to simultaneously support both ends or one side of a vehicle.
6. Maximum allowable tyre width is 9".
7. DO NOT use other lifting equipment in conjunction with the ramps.
8. DO NOT disconnect brakes, engine, transmission components, drive train, drive shaft, universal joints, or wheels while the vehicle is on the ramps.
9. Make sure the wheels to be driven on to the ramps are in alignment with the ramps and center the two ramps against the tyres.
10. Another person, standing clear of the vehicle path, should observe and guide the vehicle operator when ascending and descending the ramps.
11. NEVER accelerate or apply brakes suddenly. Proceed slowly and cautiously. Once the vehicle reaches the top of the ramps, apply brakes to prevent over-travel.
12. Place the vehicle in neutral gear. Release the brakes; the vehicle should not move. Set the handbrake to on. Place vehicle in park (or in reverse gear for manual transmission). Chock wheels on the ground.
13. Wear gloves. Remove ill fitting clothing, remove ties, watches, rings and other loose jewellery and contain long hair.

# CONTENTS

Folding Ramp with Carrying Strap	x 2
Angle Ramp with Safety Straps	x 2
Tyre Stop	x 2
Bolt & lock nut (M10X20)	x 8
Bolt, nut & washer (M8x35)	x 4
Bolt, nut & washer (M8x20)	x 4
Bolt & washer (M8x16)	x 4

# CONFIGURATIONS

## TO USE AS VEHICLE RAMP

1. Remove tyre stop located inside folded sections.
2. Insert at end of ramp as shown.
  - Make sure that the tyre stops are fitted securely before use.



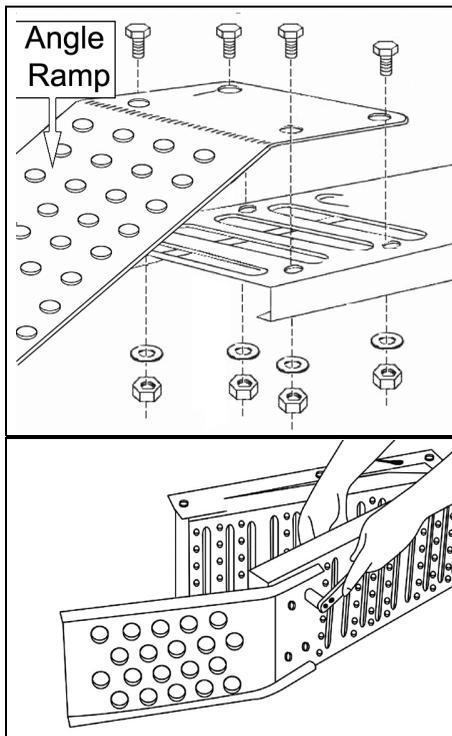
## TO USE AS LOADING RAMP

Remove tyre stop and unfold all sections as shown.



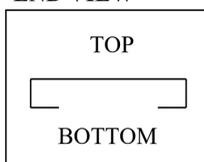
# ASSEMBLY

1. Carefully lift one ramp at a time from the packaging using the handle.
2. Set the ramp on a flat surface.
3. Release the handle by sliding it upwards.
4. Unfold all sections of the ramp.
5. Remove the tyre stop and angle ramp.
6. Open first section of ramp and bolt on the angle ramp piece using 4 M5x40 bolts, washers and nuts supplied for each ramp

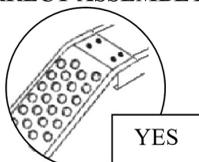


**WARNING: ASSEMBLE ONLY AS PICTURED ABOVE. DO NOT ASSEMBLE WITH FLANGE FACING UP. THE FLANGE PROVIDES STRENGTH WHEN FACING DOWN AND IT IS NOT DESIGNED TO FUNCTION AS A TYRE GUIDE. SEE FIGURES 1, 2 & 3 BELOW**

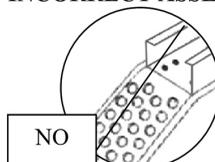
**Figure 1  
END VIEW**



**Figure 2  
CORRECT ASSEMBLY**



**Figure 3  
INCORRECT ASSEMBLY**



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## INSPECTION BEFORE USE

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These ramps shall be maintained in accordance with the instructions provided. Inspection shall be made of each ramp prior to use. Keep ramps free of dirt and oil. Do not use if ramps are damaged in any way.

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## OPERATION - AS LOADING RAMPS

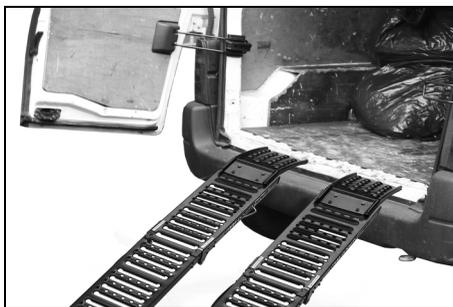
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**WARNING: THE WARNINGS, CAUTIONS AND INSTRUCTIONS REFERRED TO IN THIS MANUAL CANNOT COVER ALL POSSIBLE CONDITIONS AND SITUATIONS THAT MAY OCCUR. IT MUST BE UNDERSTOOD THAT COMMON SENSE AND CAUTION ARE FACTORS WHICH CANNOT BE BUILT INTO THIS PRODUCT, BUT MUST BE APPLIED BY THE OPERATOR.**

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- Always load or unload on a solid, level, well lit and stable surface
  - Use caution when loading and unloading equipment.
1. Unfold the ramps and place the lip of the ramp over the tailgate of the vehicle.
    - The tailgate should be no more than 76cm in height or the incline will be too steep.
    - Check that the angle ramp is positioned fully on the tailgate of your truck or trailer.
  2. Secure the ramp to the loading surface using adjustable safety straps.
    - Test the ramp by pulling backwards on it. Make sure it does not slide back or disengage from the loading surface.
  3. Centre the load between the sides of the ramp.
  4. Load the ATV,
    - Make sure that the ramp is sustaining the load and not bowing from the weight.
  5. Continue until the ATV is fully loaded / unloaded. Secure the load once in position.



## AFTER USE

1. Unhook the adjustable straps and fold the ramps.
2. Store in a clean, dry and childproof environment.

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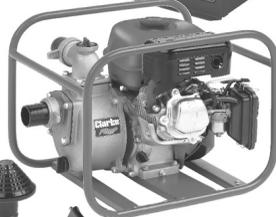
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**Clarke® INTERNATIONAL** Hemnall Street, Epping, Essex CM16 4LG  
[www.clarkeinternational.com](http://www.clarkeinternational.com)