



## ASSEMBLY INSTRUCTIONS

Manoeuvring aid

GRH100



Please read this manual before using the product and follow the instructions it contains!

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## FOREWORD

Congratulations on the purchase of your new manoeuvring aid. The GRH100 has been manufactured from high-quality materials, especially for long-lasting and reliable use. For your own safety and to ensure correct operation of the manoeuvring aid, please read and observe these assembly instructions before commissioning. Keep these instructions in a safe place. Check the manoeuvring aid for transport damage. Damaged manoeuvring aids must not be put into use.

The GRH100 is used to transport and manoeuvring trailers using forklift trucks. Improper handling may result in injury or damage.

SolidHub is not liable for damage resulting from the improper use of the manoeuvring aid or the disregard of the specifications and rules of conduct in these assembly instructions. The operator / user must ensure the correct use of the attachment by trained and authorized personnel.

## DEFINITION

### AUTHORISED PERSONNEL

Trained and authorized personnel who use this device, prepare it for use and provide suitable and sufficient instructions for operators. These instructions relate to:

1. Equipment of the manoeuvring aid
2. Causes and prevention of accidents
3. Tasks of the setter
4. Use

### OPERATOR

Trained personnel authorized by the operator to use this device for safe use, setup, maintenance and cleaning while avoiding all hazards. Hazards include driving without sufficient visibility and loading in excess of the maximum traction weight.

### INTENDED USE

Use this appliance in accordance with the information provided in these installation instructions.

### REASONABLY FORESEEABLE MISUSE

Use of this device in a manner not intended by the designer, but which may result from easily foreseeable human behavior.

### TARGET GROUP

Group of persons for whom these installation instructions are intended by the manufacturer (authorized representative, operator).

### PPE

Personal protective equipment, e.g. safety helmets, safety shoes, protective gloves, protective clothing, etc.

### DEVICE

This manoeuvring aid.

## SAFETY INSTRUCTIONS

- Only allow trained personnel to use the manoeuvring aid.
- Only operate the forklift truck if you are familiar with it and have been trained to do so.
- Only healthy adults may operate the manoeuvring aid.
- Ensure that there are no persons or obstacles in the danger zone.
- Observe the information in the technical data sheet.
- Distribute the loads evenly on the coupling ball. Pay attention to the load's center of gravity. Also observe the operating instructions for the forklift truck.
- During assembly, ensure that the manoeuvring aid is firmly secured to the forks and the safety chain.
- Only use the maneuvering aid when it is fully assembled.
- Carry out regular maintenance and servicing to ensure safety at work.
- Observe the applicable accident prevention regulations and occupational health and safety laws, as well as road traffic regulations.
- Modifications and alterations to the appliance that have not been approved by the manufacturer will invalidate the warranty.
- In accordance with DGUV regulation 68, periodic inspections must be carried out at least once a year using checklist FEM 4.004 under point 6.



**WARNING!** Risk of injury due to crushing!

Crushing injuries can occur when attaching the manoeuvring aid. Suitable protective clothing, such as protective gloves and safety shoes, must therefore be worn when attaching and securing.

## TECHNICAL DATA

Type	Unit	Value
Model		GRH100
Total weight	kg	24
Dimensions	mm	560 x 400 x 170
Load capacity	kg	100
Clutch pull force	kg	1588
Colour		Blue
Surface		Painted
Material		Steel
Material thickness	mm	5
Dimensions forklift pockets	mm	190 x 90
Distance between forklift pockets	mm	150
Diameter coupling ball	mm	50
Height coupling ball	mm	70
Chain length	m	1.8

## OVERVIEW OF THE MAIN COMPONENTS



No.	Name
1	Forklift pocket right
2	Forklift pocket left
3	Safety chain
4	Coupling ball

## ASSEMBLY INSTRUCTIONS



Turn the coupling ball to attach it to the center of the connecting piece of the manoeuvring aid (marked red).

## REGULAR INSPECTION

1. Carry out a daily visual inspection.  
Pay particular attention to:
  - Locking bolts
  - Corrosion
  - Damage that may result from use
  - The attachment points and the forklift pockets
2. Have the appliance inspected annually by a competent person.



Check the manoeuvring aid for damage before each use. Structural damage, such as rust or broken components, are possible weak points that pose an accident risk.

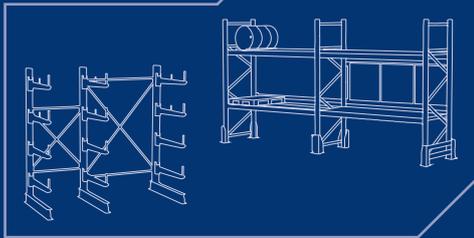
## SERVICE & CONTACT

Contact our product experts and find help and solutions for your product. Here you will find all contact information listed by country and language: [www.topregal.co.uk/en/service](http://www.topregal.co.uk/en/service)

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