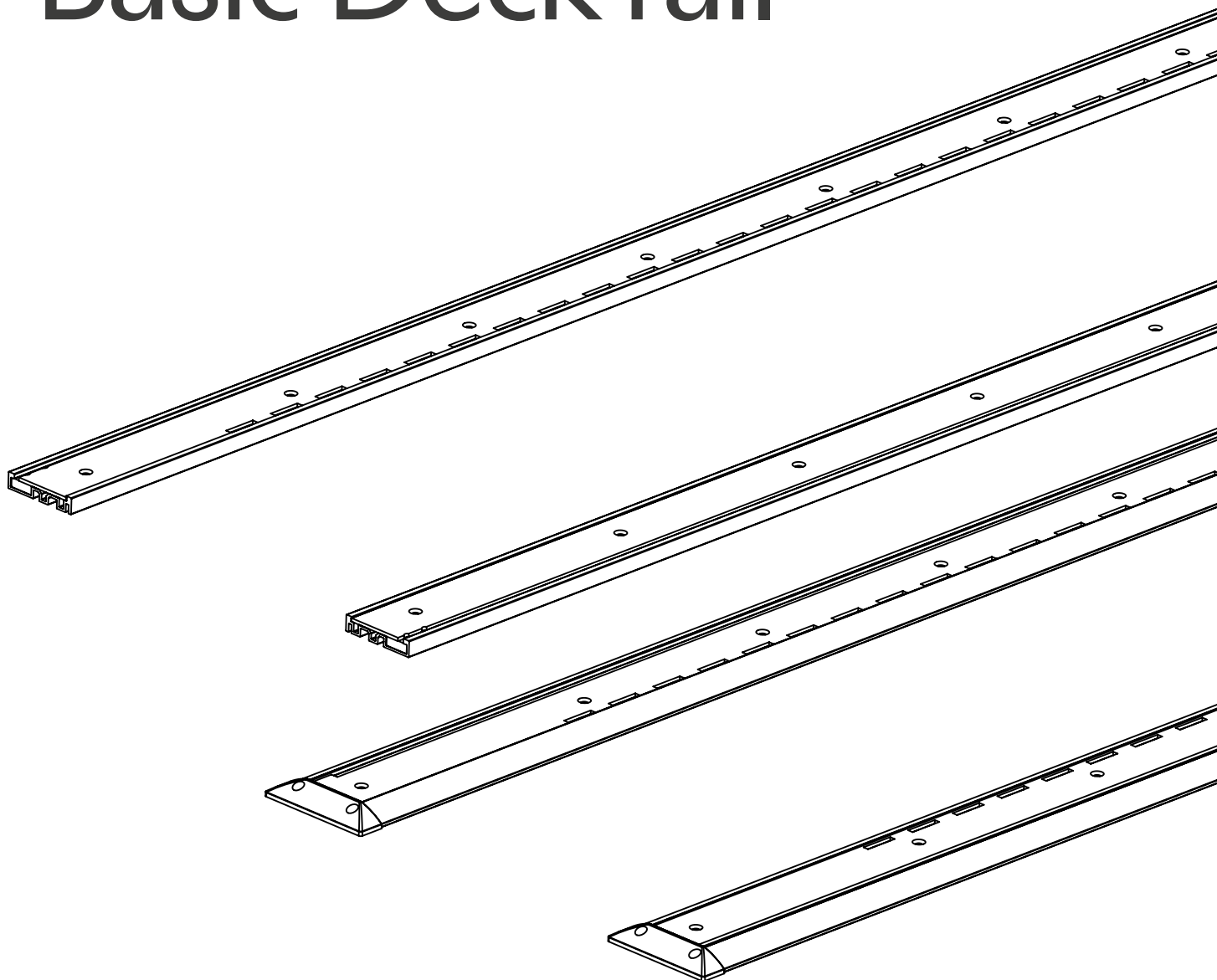


User manual

# Basic Deck rail




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## Norsap models

6676	TOP mounted for	Norsap 800
6677	FLUSH mounted for	Norsap 800
6652	TOP mounted for	Norsap 1000
6653	FLUSH mounted for	Norsap 1000
6650	TOP mounted for	Norsap 1500
6651	FLUSH mounted for	Norsap 1500
6652	TOP mounted w/Foot release for	Norsap 800 / 1000 / 1100
6653	FLUSH mounted w/Foot release for	Norsap 800 / 1000 / 1100

Standard lengths 1500, 2000, 2500, 3000 mm - Contact Norsap for custom lengths

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## STANDARD RAILS

Norsap basic deck rail is a surface mounted deck rail with low height and elegant design that gives credit to the existing deck. Produced in high quality aluminium and stainless steel.

The BASIC RAIL is a manual operated rail with a release handle, to intergrate or mount on your Norsap chair.

Depending on the chair model, the release handle can be intergrated in the armrest, swivel or a bolt on release handle on the chair. The release handle has two positions, locked or free, to position the chair and wagon in the most comfortable working position.

## SAFETY

Be sure to keep hands and fingers out of moving parts and areas when operating the product.

## CARE AND MAINTENANCE

We do not stand liable if alterations are made by cutting or disassembling the deck rails beyond that described here; Any such work will be done at your own risk. Do not apply grease in the wheel tracks. Grease will attract dust and other contaminants.

To ensure the deck rail operates at optimal function, **the track needs to be cleaned and free from dirt and foreign objects**. This is best avoided by vacuuming the rails on a regular basis prefferably with a flat nozzle in the tracks of the wagon.

Occasional cleaning should be done with a reputable brand following the manufacturer's instructions.

## FLANGE MODIFICATION NECESSARY FOR THE 800 CHAIR

The Norsap 800 chairs columns is too small to have the release wire for the deck rail concealed within the column. To be able to mount the Norsap 800 chair on a Basic Deck Rail, the flange needs to be modified.

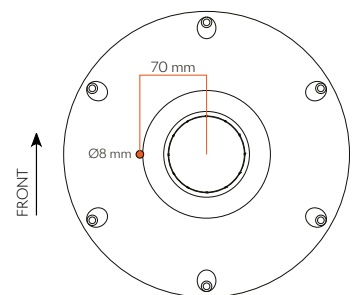
70mm from the center of the flange towards the side where the wagons release cable goes, drill a Ø8mm hole for the release wire insertion.

## INTRODUCTION

Norsap is the recognized leader in the design and production of helmsman and operator seats for the maritime market.

This manual will help you make the most out of your Norsap product.

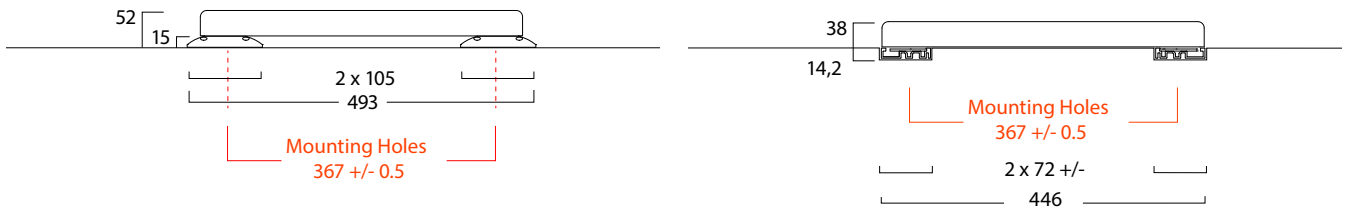
If you have any questions regarding your Norsap product, please contact our head office for further assistance.



# INSTALLATION BASIC RAILS

The deck rail assembly must be mounted on a flat and even surface to install the Deck Rail securely. If it is not, the two rails may not be perfectly parallel with each other and the chair may not slide smoothly or it may become jammed and may not slide at all. The assembly area and sliding tracks must be free from scraps of metal or other items during installation.

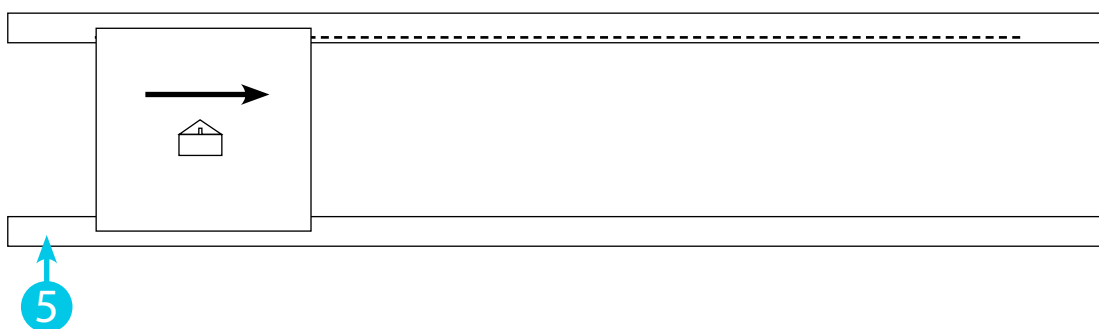
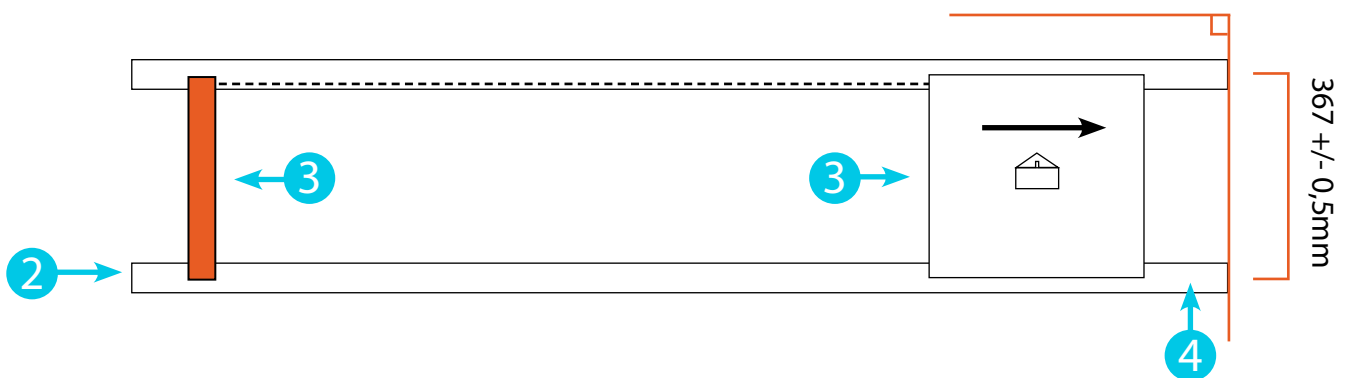
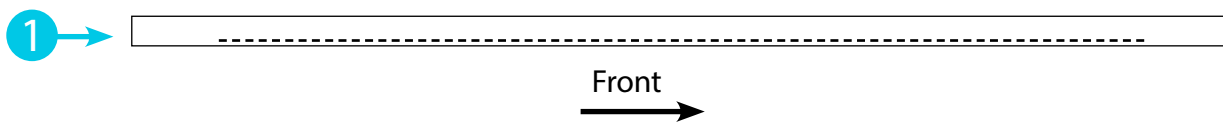
The mounting holes must be parallel with a distance of  $367 \pm 0.5$  mm, this is standard for all lengths.



- (1) Mount the rail with the locking tracks first at desired place. This is your LEFT rail facing forward.
- (2) When the rail is mounted, place the plain rail parallel besides it, and slide the wagon on both rails.
- (3) Place the wagon to the one end of the mounted rail, and the mounting template on the other end, and make sure the loose rail is parallel with the end of the mounted rail.
- (4) Make sure the distance is  $367\text{mm} \pm 0,5\text{mm}$  between the mounting holes - and that the wagon is not too tight nor too loose so that it travels firmly. Mount one screw at the current end of the rail.
- (5) Move the wagon to the other side, check for firm function and mount the second screw.

**Test the rails function before mounting the rest of the screws.**

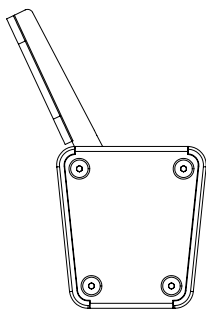
This procedure ensures that the deck rail will function optimally and without any loose play.



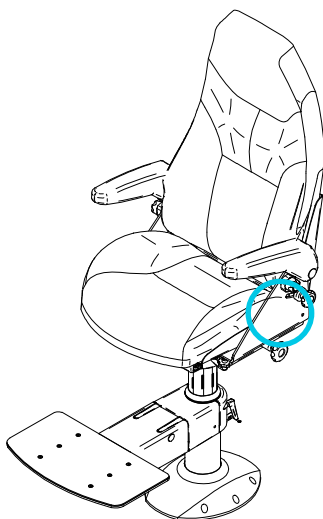
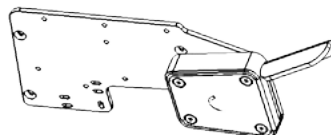
# RELEASE UNIT FOR LOCKABLE WAGON

The deck rail has one type of release handle which can be directly mounted on the Norsap 800, 1000 and 1500 chair series. On Norsap 1100 chair series the release handle is mounted on bracket - **P13470** and onto the rotation module under the chair top. Norsap 1600 and 1800 uses bracket - **A2826** to replace the cable covers on either side of the chair top, the release handle can be oriented in two different positions.

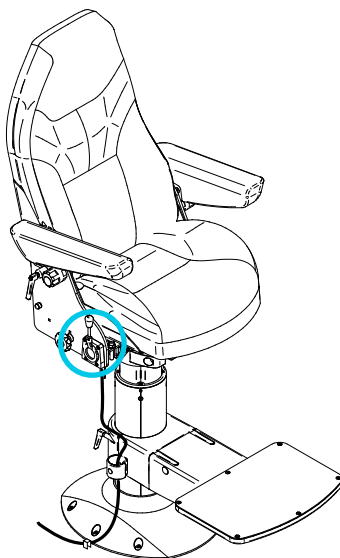
A0251 - Release handle for Basic deck rail



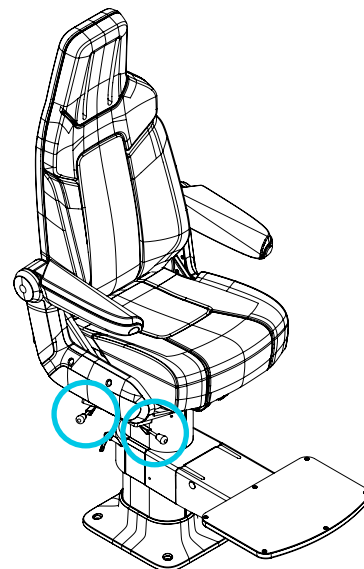
A2826 with release handle / A0251  
Choose between two different positions.



6200 - Norsap 800 is used as example for release handle placement on Norsap 800



6500 - Norsap 1500 is used as example for release handle placement on Norsap 1000 and 1500



8600 - Norsap 1600 is used as example for release handle placement on Norsap 1600 and 1800

