



THE NEXT  
GENERATION





## OUR NEW PRODUCT RANGE

NorSap is making workplaces for people. We study the properties of the human body, it's mechanisms, so to speak. Then we set out to utilize the human capacity to the full, while avoiding damage, wear and fatigue. Our products are easy to use, have intuitive user interfaces and ensure maximum comfort for the user.

Let us inspire you with our vision of a friendly and ergonomically designed working environment, even in very challenging circumstances. And let us provide you with our next generation tools to achieve the vision.

The NorSap chairs are designed as complete platforms, integrating ergonomic functionality and operational procedures. The platforms are priced and developed with an eye to differing demands for seat base, pillars and operational mechanisms. You may choose between manual, hydraulic and electric systems, as well as electric systems with Quicksave or optional personal memory.

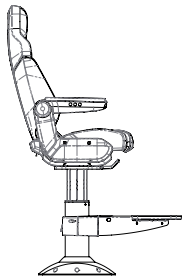
Design, material use, production procedures, strict product control and testing all contribute to easy, long term and safe operation.



# NORSAP 1600 STANDARD

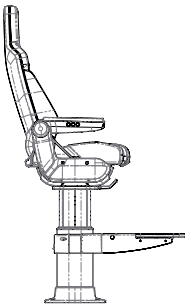


The NorSap 1600 standard is a robust and comfortable range – perfectly suited for demanding environments, compact in size and easy to install. The spacious armrests offer spacious room for internal cabling and installation of equipment and accessories. User-friendly buttons for height and backrest adjustments are conveniently located on the armrest.

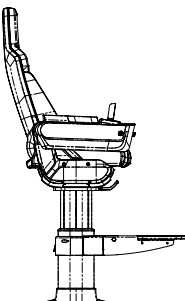


## NORSAP 1600 STANDARD S

- 8520** Upholstered back. Round column 63/73
- 8510** Upholstered back. Round column 67/80
- 8500** Upholstered back. Round column 72/92



- 8620** Aluminum back. Flat oval column 63/73
- 8610** Aluminum back. Flat oval column 67/80
- 8600** Aluminum back. Flat oval column 72/92



## NORSAP 1600 STANDARD M

- 8720** Aluminum back. Flat oval column 63/73
- 8710** Aluminum back. Flat oval column 67/80
- 8700** Aluminum back. Flat oval column 72/92



The chair can be fitted with multiple options and accessories:

- Fully reclining back
- Leather, fabric, or combinations
- Armrest equipment
- Seat belts
- Communication
- Lumbar support
- Deckrails
- Logo

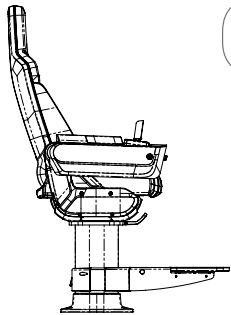
Easy installation, compact, and durable

All sitting heights measured without load - a variation of 2-5 cm may occur depending on the load due to contraction of gas-struts, springs and upholstery. If nothing else is specified, the chair will be delivered in black leather upholstery.

# NORSAP 1800 ACTIVE

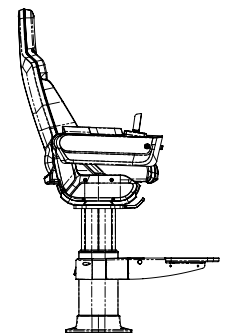


The NorSap 1800 Active platform provides numerous options and configurations, ensuring full adjustability. This modular platform has been specially designed for optimal customer component integration in a way that ensures long-term operation and easy servicing. The Active series has a fully gas-spring actuated ergonomic system with six step-less adjustment features, ensuring optimal working positions for the user.



## NORSAP 1800 ACTIVE M

**8840** Fixed flat oval column. Starting from 53 to 88



**8820** Aluminium back. Flat oval column 63/73

**8810** Aluminium back. Flat oval column 67/80

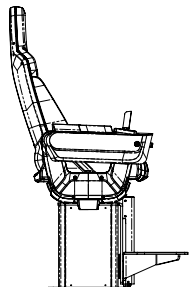
**8800** Aluminium back. Flat oval column 72/92



## NORSAP 1800 ACTIVE L

**8860** Fixed XL column. Heights 70 with footrest

**8865** Fixed XL column. Heights 45 without footrest



The NorSap 1800 ACTIVE is a highly profitable chair in terms of options and adjustability. The modular design provides optimal customer component integration in a way that ensures long-term operation and easy servicing. Spacious armrest with room for internal cabling makes it easy to install most equipment and accessories. A fully gas spring driven ergonomic system comes standard with up to 6 step-less adjustments. NorSap 1800 Active is a cost-efficient chair for a vast ergonomic spectre.

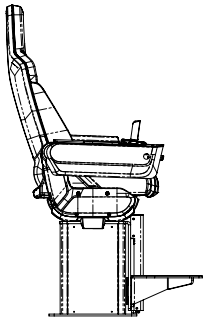
The series fully complies with the strict ergonomic requirements found in the NORSOK regulations. Our chairs are designed to comfortably fit 90 % of all users according to the ISO7250 Standard.

All sitting heights measured without load - a variation of 2-5 cm may occur depending on the load due to contraction of gas-struts, springs and upholstery. The undercarriage of the seat allows variation of height adjustment. All fixed height columns can be cut to desired sitting height within minimum and maximum specification.

# NORSAP 4000 IMPULSE

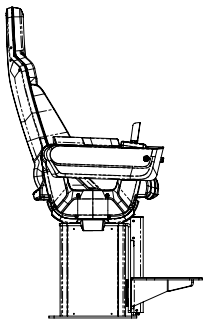


The NorSap 4000 IMPULSE is a large module based platform offering endless combinations and options. The new electric plug and play system ensures safe, easy-to-use maintenance. The chair design allows full integration of client components and equipment and ensures long-term operation.



## NORSAP 4000 IMPULSE M

**8940** Medium (M) tillable armrest.  
Footrest and fixed XL column height 70



## NORSAP 4000 IMPULSE L

**8950** Large (L) armrests.  
XL Height adjustable XL column 60/87



The series fully complies with the strict ergonomic requirements found in the NORSOK regulations. Our chairs are designed to comfortably fit 90 % of all users according to the ISO7250 Standard.

### QUICKSIZE:

On the NorSap 4000 Impulse, every part of the arm and leg can be significantly sized up and down, allowing true accommodation for 90% of users. In order to keep it simple, we made the NorSap Quicksize function, enabling all six electric motors to simultaneously adjust arms and legs parameters based on your height, making it a breeze to RESET and RESIZE the operator's chair after the previous shift. NorSap Quicksize may also be used for complimentary adjustments to arms and leg, speeding up the process when taking over the chair after a shift.

### NORSAP PERSONAL MEMORY (option)

As an add-on to NorSap Quicksize, the chair may be fitted with a NorSap Personal Memory panel that allows up to four unique save slots for any combination of chair adjustments. Use this for teams where one or several of the users is given a personal saving slot for their body size. The NorSap Personal Memory panel recalls any previously saved chair size with one button press.

If nothing else is specified, the chair will be delivered in black leather upholstery. All sitting heights measured without load - a variation of 2-5 cm. The undercarriage of the seat allows height adjustment.

NorSap AS is the leading manufacturer of helm, pilot and operator chairs for the maritime market and several other niches.

With decades of experience in the production of aluminum based chairs and equipment, NorSap continues to deliver high quality, comfortable solutions for a demanding market. Our design philosophy is to keep seating varied, both for different users and different seating positions – from a relaxed position to an alert working posture.

If any of our standard models do not meet your demand, our R&D department is ready to further develop existing models to meet your specifications and needs.

