



THE NEXT GENERATION

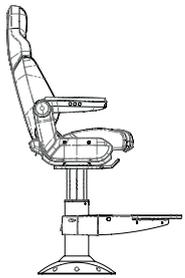


reddot design award  
winner 2017

# NORSAP 1600 STANDARD

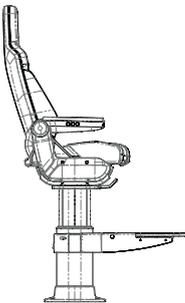


The NorSap 1600 STANDARD is a robust and comfortable chair – perfectly suited for demanding environments. It's compact in size and easy to install. The armrests offers spacious room for cabling and installation of basic equipment. User-friendly buttons for height and backrest adjustments are conveniently located on the armrest.

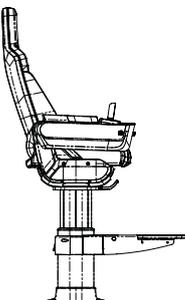


## NORSAP 1600 STANDARD S

- 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

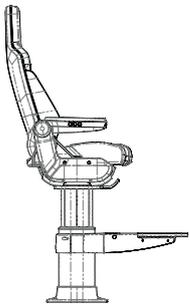
Easy installation, compact, and durable

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. The weight of third party equipment may affect the gas springs ability to lift the chair. If nothing else is specified, the chair will be delivered in black leather upholstery.

# NORSAP 1800 ACTIVE

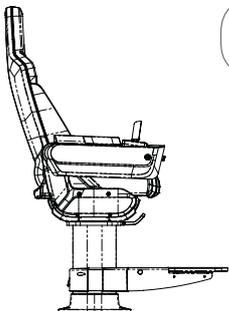
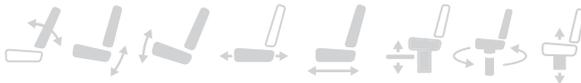


The NorSap 1800 ACTIVE is a fully adjustable chair with numerous options and configurations. The modular platform has been specially designed for customer component integration to ensure long-term operation and easy servicing. The Active series has a gas spring actuated ergonomic system with six step-less adjustment features, ensuring optimal working positions for all users.



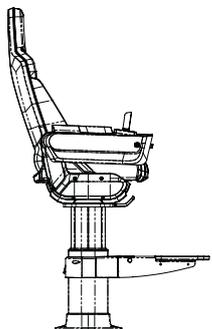
## NORSAP 1800 ACTIVE S

- 8830** Aluminium back. Flat oval column 63/73
- 8831** Aluminium back. Flat oval column 67/80
- 8832** Aluminium back. Flat oval column 72/92



## NORSAP 1800 ACTIVE M

- 8840** Aluminium back. 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



The NorSap 1800 Active is a highly profitable chair in terms of options and adjustability. The modular design provides optimal customer component integration 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 with a vast ergonomic spectre.

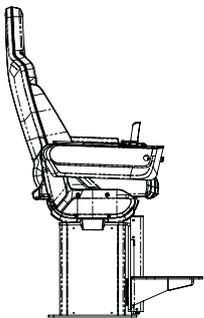
The series complies with the strict ergonomic requirements found in the NORSOK regulations. Our chairs are designed to comfortably fit 90 % of all users according to the ISO7250 Standard.

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

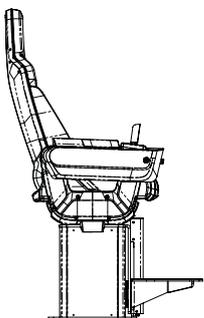


The NorSap 4000 IMPULSE is a large module based platform offering endless combinations and options. The new electric plug-and-play system ensures safe, easy-to-use maintenance. The chair design allows full integration of client components and equipment to ensure long-term operation.



## NORSAP 4000 IMPULSE M

**8940** Medium (M) tiltable 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 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 adjustments 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", which enables all seven electric motors to simultaneously adjust to three predefined sizes, speeding up the adjustments process when taking over the chair after a shift. The user can then proceed to fine tune each of the adjustments features individually.

### NORSAP PERSONAL MEMORY (option)

Use this for teams where one or several of the users are given a personal saving slot for their body size. The NorSap Personal Memory panel recalls any previously saved chair size with one press of a button.

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.



## OUR NEW PRODUCT RANGE

NorSap makes 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 ensures maximum comfort.

Let us inspire you with our vision of a friendly and ergonomically designed workstation that is suited for even the most challenging of environments. And let us provide you with our next generation of tools to achieve the vision.

The NorSap chairs are designed as complete platforms, integrating ergonomic functionality and operational procedures. The modular platforms are priced and developed to meet differing demands. You may choose between manual, gas spring and electric systems, as well as systems with Quicksize and Personal Memory.

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



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

With decades of experience in the production of aluminum based chairs and equipment, NorSap continues to deliver high quality solutions for a demanding market. Our design philosophy is to keep seating varied, both in terms of accommodating a wide range of users and offering different seating positions. Whatever the situation, relaxed or on alert, we provide a safe and comfortable workstation.

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

