



**CLEEMANN**  
CHAIR-SYSTEMS



ADVANCED  
SEATING SOLUTIONS

**EDITION 2020/21**







# CLEEMANN

## CLEEMANN – GLOBAL EXPERTS IN MARITIME SEATING

Since 1978, Cleemann Chair-Systems have been providing highly sophisticated, functional and extremely comfortable pilot chair systems to shipbuilders and shipowners all over the world. Being well-known for the high level of flexibility when designing an individual seat application, we have become established a leading company in the market.

Cleemann specialises in purpose built, ergonomic chair solution for a wide range of vessels including navy ships, rescue boats, work boats, luxury yachts and commercial ships. Our chairs

are manufactured in accordance with strict ISO quality standards as well as the rules of major international classification societies and defence regulations.

Nowadays Cleemann makes use of the latest Solid Works 3D software in order to present a fast and professional solution when the standard does not fit.

Being situated in Ense, Germany near the industrial metropolitan Ruhr Area, we are performing global presence being supported by trading partners and agents all over the world.



# REFERENCES

## References Navy including

- Chinese Coast Guard
- Finnish Coast Guard
- Finnish Navy
- German Navy
- German Coast Guard
- Hellenic Navy
- Indish Coast Guard
- Police Departement V.A.E
- Portuguese Navy
- Republic of Korea Navy
- Royal Navy of Malaysia
- Royal Netherlands Navy
- Spanish Guardia Civil
- Singapore Coast Guard
- UK-Coast Guard
- US-Navy

## References miscellaneous

- Transas Marine
- Furuno
- Wärtsilä SAM Electronics
- Imtech Marine
- Telecom Italia
- Technical University Munich
- Thales
- MAN Ferrostahl
- Hydrovision
- Bombardier
- Kaefer Schiffsbaus
- Leonardo DRS

- R&M Shiptec
- Raytheon Marine
- CAE Simulators
- Lufthansa Flight Training
- SPA Gorizont
- AIDA/Costa/Carnival
- MOOG Simulators
- Rheinmetall Defence
- BAE Systems
- Voith Turbo GmbH
- Lockheed Martin

## References Shipyard including

- Samsung Heavy Industries
- Blohm & Voss
- IHI Marine
- Hudong Zhonghua
- Shanghai Shipyard
- ABG India
- Aker Solutions
- Colombo Dockyard
- Hyundai Heavy Industries
- Balenciaga
- Intermarine
- Daewoo Shipbuilding
- Bharati Shipyard
- MV Werften Stralsund
- Riviera Boats
- HDW Shipbuilding
- Rodman Polyships
- Volharding

- Sedef Shipyard
- Constanta Shipyard
- 3. Maj
- Thyssen Krupp Nordseewerke
- Strategic Marine
- Jiangzhou Shipyard
- Fujian Shipbuilding
- Baltic Workboats
- Wang Tak Engineering
- Flensburger Shipyard
- Seaward Marine
- Odense Shipyard
- Meyer Werft
- Abeking & Rasmussen
- Shipyard Rousse
- Abu Dhabi Shipbuilding
- Saigon Shipyard
- Hanjin Heavy Industries
- Cochin Shipyard
- Goa Shipyard
- Qingshan Shipyard
- Dalian Shipbuilding
- Shipyard Gdynia
- Weihai Shipyard
- Grandweld Shipyards
- TOPAZ Engineering
- Lürssen Werft
- CMN
- and many more ...







## LET'S MAKE IT INDIVIDUAL!

### 3D-DESIGN

In order to react on individual requests from our customers we are able to design customized seat solutions with a professional 3D software.

The SolidWorks 3D CAD solutions enable us to transform quickly new ideas into real products.

As a result we are able to convert the drawings into any common data format (.IGS/.STEP/.dxf., etc.) so that our customers can easily integrate our seats into the existing ship design.

### STRUCTURAL ANALYSIS

CAD-embedded SOLIDWORKS Simulation enables our designers to carry out structural simulation on parts and assemblies with finite element analysis (FEA) while they work to improve and validate performance and reduce the need for costly prototypes or design changes later on.

Structural simulation covers a wide range of FEA problems – from the performance of a part under a constant load to the stress analysis of a moving assembly under dynamic loading, all of which can be determined using the SOLIDWORKS Simulation tools.

Drawing, 3D-datas and individual leaflets for all seats available.  
Contact us: [info@chair-systems.com](mailto:info@chair-systems.com)

# QUICK FINDER

<b>NAUTIC PRO</b>	<i>The Professional</i>	10–11
<b>NAUTIC</b>	<i>The Classic</i>	
<b>NAUTIC PRO STAR</b>	<i>The Professional Allrounder</i>	12–13
<b>NAUTIC STAR</b>	<i>The Allrounder</i>	
<b>NAUTIC PRO STAR AIR</b>	<i>The Comfortable</i>	14–15
<b>OPERATOR PRO STAR</b>	<i>The Strong Convenient</i>	16–17
<b>OPERATOR STAR/IMO</b>	<i>The Strong</i>	
<b>DOLPHIN</b>	<i>The Excellent</i>	18–19
<b>DOLPHIN COMPACT</b>	<i>The Suitable</i>	
<b>OYSTER</b>	<i>The Compact</i>	20–21
<b>SEAGULL</b>	<i>The Flexible</i>	
<b>COMMANDER</b>	<i>The Mastermind</i>	24–29
<b>UPHOLSTERY</b>		30–31
<b>DECK RAIL</b>		32–33
<b>SHARK</b>	<i>The Jockey Seat</i>	34–35
<b>PASSENGER SEATS</b>	<i>The Voyager</i>	36–37
<b>NAVY SEATS</b>		38–39

## SYMBOL GUIDE



**PRO**  
Ergonomical design,  
comfortable functions



**STAR**  
With strong suspension  
or shock absorber



**COMPACT**  
Space saving solution

## SPECIAL FEATURES:



**12G**  
Tested acc. to HSC Codes  
and certified by GL



**SHOCK**  
Tested acc. to Naval shock  
regulations



**CUSTOMIZED**  
Individual seat configuration  
possible

# 12 GOOD REASONS FOR A CLEEMANN SEAT:

1. High quality upholstery with individual logo stitch (optional)
2. Adjustable armrests
3. Variable seat depth
4. Infinite height adjustment of the seat top
5. Seat angle adjustment
6. Length adjustment of the seat top
7. Adjustable footrest
8. Adjustable backrest
9. Rotating mechanism
10. Strong lifting-column
11. Deck rail
12. Aluminium ramp-frame





## GLOBAL EXPERTS IN MARITIME SEATING



**KNOW-HOW**  
40 years experience  
ISO 9001 certified



**NETWORK**  
Worldwide agents ·  
Global references



**DESIGN**  
Ergonomical design  
Comfortable  
functions



**SAFETY**  
Tested acc. to HSC  
Codes Certified by  
DNV-GL group



**CUSTOMIZING**  
Individual seat  
configuration  
3D-Design









**NAUTIC PRO**

*The Professional*



## NAUTIC PRO

*The Professional*



## NAUTIC

*The Classic*



**NAUTIC PRO** Highly ergonomical, professional helmsman chair in a premium design. Corresponds to the highest standards of ergonomics, comfort and functionality. With just a few adjustments, it turns into a fully customized wheelhouse chair that precisely meets every captain's individual requirements. The innovative ergonomic basic shape and easy-to-use controls promote a healthy posture at all times.

**NAUTIC** Basic version with almost the same features but with standard seat-top.

**Recommended application:** Large ships such as: Container, Tanker, MPC, Ro-Ro, Ferry





## NAUTIC PRO STAR

*The professional Allrounder*



## NAUTIC PRO STAR

*The professional Allrounder*



## NAUTIC STAR

*The Allrounder*



**NAUTIC PRO STAR** The helmsman chair Nautic PRO STAR offers such functions as the Nautic Pro but is additionally equipped with a special suspension and an individual weight adjustment for most comfortable seating even in rough sea. Shock tested and 12G-tested version available.

**NAUTIC STAR** Basic version with almost the same features but with standard seat-top.

**Recommended application:** Same as Nautic Pro but also for smaller vessel, workboats and navies.



# NAUTIC PRO STAR AIR

*The Comfortable*





# NAUTIC PRO STAR AIR

*The Comfortable*



**NAUTIC PRO STAR AIR** The high-class ergonomic, professional helmsman and operator seat offers the best possible air damping system ensuring high-performance even in heavy conditions. This seat corresponds to the highest standards of ergonomics, comfort and functionality.

Also available as non-suspended helmchair – *Nautic PRO* see page 10 – 11.

**Recommended application:** Large ships such as: Container, Tanker, MPC, Ro-Ro, Ferry – also for smaller vessels, workboats and Navy.



**12 G**  
tested

**SHOCK**  
tested

# OPERATOR PRO STAR

*The Strong Convenient*



## OPERATOR PRO STAR

*The Strong Convenient*



## OPERATOR STAR/IMO

*The Strong*



**OPERATOR PRO STAR** Special mission chair for naval and high-speed applications. A very special and strong shock-absorbing system combined with a proven mechanical suspension leads to ultimate power in »rough« seas and speedy operations. Also available with low backrest.

**OPERATOR STAR/IMO** Special seat which is approved according to the IMO's HSC design criteria as well as by defence industries with 12G load testing.

**Recommended application:** Workboats, Highspeed-crafts, Navy, Coast-guard, Patrol-boats, Police-boats.





**DOLPHIN**  
*The Excellent*



## DOLPHIN

*The Excellent*



## DOLPHIN COMPACT

*The Suitable*



**DOLPHIN** Helmsman and operator chair with comfortable design; the ideal space-saving solution for smaller wheelhouses. The Dolphin is equipped with basic functions and corresponds to the requirements of leading classification companies.

**DOLPHIN COMPACT** Compact and space-saving seat for different applications on board. Due to its swivel mechanism in combination with the fold-away seat cushion the Dolphin Compact offers an ideal solution for close bridge cabs.

**Recommended application:** All ships



# OYSTER

*The Compact*



**OYSTER** Foldable seat for wall fastening.  
A place-saving and convenient solution on board.

Upholstered and foldable seat pan.

**Recommended application:** All ships (for pilots), barges.



# SEAGULL

*The Flexible*



**SEAGULL** Strong, but easy to move work chair for pilots and operators.  
Available also with securing lug and mounting plate.

**Recommended application:** All ships (for pilots), barges.











# COMMANDER

*The Mastermind*

## CLEEMANN'S EVOLUTION

Customizable operator seats for on- and offshore application. With fully integrated controls in the armrests the new operator seat Commander has specially been developed to meet the extreme needs and levels of comfort required on the new generation of vessels.

The special armrest consoles provide plentiful space for a number of steering controls and instruments. This permits relaxed maneuvering without any loss of comfort and control. Lots of individual adjustment possibilities meet the strongest demands of ergonomics for the operator.

The custom-built armrests are designed and manufactured individually to include a wide range of equipment provided or specified by the customer. With four modular standard cutout sizes (M · L · XL · XXL) we will guide you through hundreds of possible combinations.





# COMMANDER XXL





# COMMANDER XL

The Commander XXL is the most professional operator seat of the latest unlimited possibilities for planning and producing your individual command chair. The seat is suitable to include numerous control units, monitors and functions such as DP, autopilot, chart radar and conning display.

The Commander XL represents the high-class-range of the new Cleemann operator seat. This seat is capable to include up to 3 control units. Furthermore a screen holder can be attached at the front face of each armrest.



# COMMANDER L



The Commander L, representing the mid-class range, also offers sufficient space for armrest casings which can be fitted with up to three controlling equipment of the customers choice. Screen holders can be attached at the front face of the armrest as well.

# COMMANDER M

The Commander M is the perfect solution if only one or two control units are requested. The holder for the controller will also be customized and can include a wide range of equipment such as joysticks, trackballs and smaller monitors.







# UPHOLSTERY

**DESIGN** Our own upholstery division and design department enable us to realize an optimum combination of reliable, experienced craftsmanship and materials with excellent shape and look. Therefore, we are always able to satisfy special requests from our customers, such as having an entire chair upholstered with leather (no visible metal parts), which has been carried out for several customers in the yacht building industry. As a matter of course, our standard models also benefit from this professional performance.

## COLLECTION

Three ways to customize your chair-system in material and colour:

- From Cleemann's own collection
- As specified by our customers
- As supplied by our customers



Customize your seat  
with a logo stitch

## MATERIAL

We only use proven high-quality materials from leading European manufacturers.

### Alcantara™

This material combines softness, elegance and rich colours. Enduring and easy to clean.

### Leather

Always a good choice – real leather. Standard colour is black.

### Vinyl

High quality vinyl (artificial leather).  
Standard colour is black. Any colour/pattern available.

### Fabric

Trevira™ – high quality fabric/fire-resistant material (certified).

ACC 1000 (Cleemann's own material)

Heavy-duty material.

Fireproof and vandalism-protected (not cuttable).

## ADVANTAGES OF A CLEEMANN DECK RAIL

- ✓ Low weight
- ✓ Easy to install
- ✓ Compact mounting height
- ✓ Heavy duty ball bearing system
- ✓ Comfortable control of the rail from sitting position
- ✓ Available in lengths up to 15 m and more

# DECK RAIL

**PROFILE** Our famous deck rails – made of a light-weight but strong combination of aluminium and stainless steel – offer a wide range of possibilities to increase the comfort and safety »on deck« of nearly every wheelhouse. They also allow movement of the chair into the desired position while seated.

Usable in combination with all Cleemann seats!

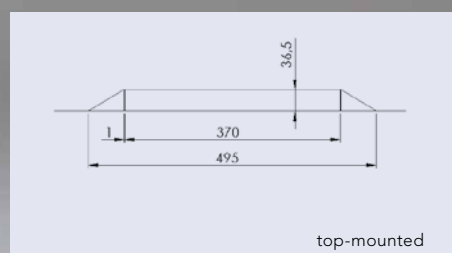
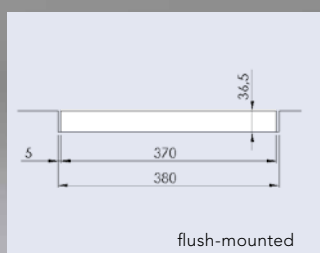
## SERIAL FEATURES

- Mounting height of only 36 mm
- Special sliding system for smooth and fast moving
- Closed ends for easy mounting
- Available in lengths from 500 – 15000 mm and more

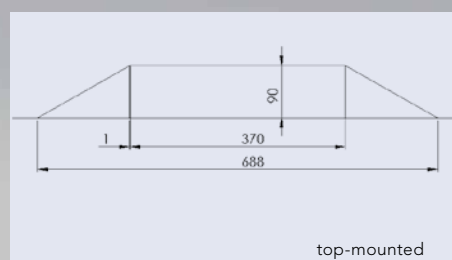
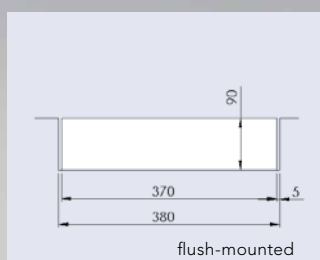
## OPTIONS

- Electrical version 12V/24V (mounting height 90 mm)
- Cable tray/energy chain
- Anti-slip surface
- Curved version

## MECHANICALLY OPERATED DECK RAIL



## ELECTRICALLY OPERATED DECK RAIL





# SHARK

*The Jockey Seat*





**SHARK** The Shark jockey seat is used on high speed craft globally as a lightweight (starting at only 16kg), reliable and effective solution to wave impacts.

**Recommended application:** Professional, Military, and Commercial fast boats.

A special SHARK - The Jockey Seat catalogue is available. Pls. contact our sales-team for details.

**12 G**  
tested



## PASSENGER SEAT

*The Voyager*





**PASSENGER SEAT** Cleemann's range of passenger seats have been designed in order to ensure the most comfortable and safe travelling on board.

Certified by GL (12G/dynamic test) and equipped with fire-resistant components, our seats correspond to the highest standards of quality and safety.



# CLEEMANN

## NAVY SEATS





OPERATOR CDS



OPERATOR STAR IMO



OPERATOR PRO 500



## OPERATOR SEATS

Cleemann's operator and special seats are mission purpose seats specifically designed to meet even the most demanding requirements of the world's navies, coast guards and fast-response rescue craft. Please contact us for more information on chairs which are approved according to the IMO's HSC design criteria as well as chairs approved by defence industries with 120G load testing.

Leaflets, drawings, 3D-datas and certificates for all navy seats available. Pls. check our division website or contact our sales-team for details!

### References Navy

- Chinese Coast Guard
- Finnish Coast Guard
- Finnish Navy
- German Navy
- German Coast Guard
- Hellenic Navy
- Indish Coast Guard
- Police Departement V.A.E
- Portuguese Navy
- Royal Navy of Malaysia
- Royal Netherlands Navy
- Spanish Guardia Civil
- Singapore Coast Guard
- UK-Coast Guard
- US-Navy



**CLEEMANN**  
CHAIR-SYSTEMS

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