

Recently we have expanded our range of helmsman's seats with the professional seats from Cleemann Chair Systems. Cleemann is a German manufacturer of ergonomic seats for the marine industry. The chair-systems fulfill all German and international safety and quality requirements, e.g. Germanischer Lloyd (GL), Det Norske Veritas (DNV), IMO HSC, DIN 5510 fire protection standard, DIN EN ISO 9001 quality assurance. The chairs come **complete with a steering column and armrests.**



In addition, the helmsman's seat can be adjusted to your personal needs and upholstered in the fabric of your choice. As a standard you can choose between a black fire-resistant Trevira™ fabric or black leather.

All Cleemann seats can be equipped with custom made brackets for joysticks or other desired controls.

All dimensional drawings are available upon request, either in 2D or 3D.



## Cleemann Helmsman's seats

### Type Nautic Classic

In this comfortable seat all functions can be operated while seated. In addition, multifunctional armrests are available, which can also be fixed in every lateral angle. Also available as "ergo package" with lumbar support and extra comfort seat cushion for special demands. Other heights available upon request.

Standard including:

- Adjustable headrest
- Backrest adjustment
- 360° swivel-mechanism
- Shock absorber in the column
- Angle adjustment of the seat top
- Foldable / angle adjustable comfort armrests
- Fore/ after adjustment of the whole chair
- Foldable, angle adjustable footrest
- Strong lifting column / salt water resistant aluminium

Description	A(mm)	B (mm)	Cat. no.
Nautic Classic, black fabric	650	600 - 820	252121
Nautic Classic, black leather	650	600 - 820	252122
Multifunctional armrest left			252142
Multifunctional armrest right			252143
Surcharge upholster provided by customer			252144
Surcharge electrical height adjustment (24V)			252145

## Cleemann Helmsman's seats

### Type Nautic Star

This allround helmsman's seat has all features of the Nautic Classic, but is additionally equipped with a special suspension system, lumbar support and an individual weight-adjustment for the most comfortable seating even in rough seas. Shock tested and approved by german navy. In addition, multifunctional armrests are available, which can also be fixed in every lateral angle. HSC Annex2 6G certified.

Including:

- Adjustable headrest
- Backrest adjustment
- 360° swivel-mechanism
- Shock absorber in the column
- Angle adjustment of the seat top
- Lumbar support
- Approved by the german navy
- Foldable / angle adjustable comfort armrests
- Fore/ after adjustment of the whole chair
- Foldable, angle adjustable footrest
- Strong lifting column / salt water resistant aluminium
- Weight adjustment
- Suspension system
- Shock tested



Supplied without Deck rail

Description	A(mm)	B (mm)	Cat. no.
Nautic Star, black fabric	650	650 - 870	252321
Nautic Classic, black leather	650	650 - 870	252322
Multifunctional armrest left			252342
Multifunctional armrest right			252343
Surcharge upholster provided by customer			252344
Surcharge electrical height adjustment (24V)			252345



New

## Cleemann Helmsman's seats

### Type Nautic Pro

Professional, very comfortable helmsman's seat that is easily and fully customizable. This ergonomic chair contributes to a healthy posture. In addition, multifunctional armrests are available, which can also be fixed in every lateral angle. HSC Annex2 6G certified.

Including:

- High comfort backrest with integrated headrest
- Backrest adjustment
- 360° swivel-mechanism
- Shock absorber in the column
- Seat cushion horizontal-adjustment
- Foldable / angle adjustable comfort armrests
- Fore / after adjustment of the whole chair
- Foldable, angle adjustable footrest
- Strong lifting column / salt water resistand aluminium
- Angle adjustment of the seat top

Description	A(mm)	B (mm)	Cat. no.
Nautic Pro, black fabric	625	663 - 823	252221
Nautic Classic, black leather	625	663 - 823	252222
Multifunctional armrest left			252242
Multifunctional armrest right			252243
Surcharge upholster provided by customer			252244
Surcharge electrical height adjustment (24V)			252245

Supplied without Deck rail

## Cleemann Helmsman's seats

### Type Operator IMO

The Operator IMO is a special mission chair (certified by GL) for naval and high-speed applications. A strong shock absorbing system combined with a proven mechanical suspension leads to ultimate power in rough seas and speedy operations. Tested and certified by GL according to HSC-IMO codex. Shock tested and approved by German Navy. HSC Annex2 6G certified.

Including:

- Adjustable headrest
- Adjustable backrest
- Shock absorbing system
- Angle adjustment of seat-top
- Shock tested and approved by German Navy
- Foldable / angle adjustable comfort armrests
- Fore / after adjustment of the whole chair
- 4-point-safety-belt
- Weight adjustment

Description	A(mm)	B (mm)	Cat. no.
Operator IMO, black fabric	520	430 - 515	252421
Operator IMO, black leather	520	430 - 515	252422
Multifunctional armrest left			252442
Multifunctional armrest right			252443
Surcharge upholster provided by customer			252444



New



## Cleemann Helmsman's seats

### Type Operator Star

The Operator Star is a special mission chair (certified by GL) for naval and high-speed applications. A strong shock absorbing system combined with a proven mechanical suspension leads to ultimate power in rough seas and speedy operations. This seat is available with low-back or high-back. Dimensional drawings available upon request. Tested and certified by GL according to HCS-IMO codex. Shock tested and approved by German Navy. HCS Annex2 6G certified.

Including:

- Adjustable headrest
- Adjustable backrest
- Shock absorbing system
- Angle adjustment of seat-top
- Shock tested and approved by German Navy
- Foldable / angle adjustable comfort armrests
- Fore / after adjustment of the whole chair
- 4-point-safety-belt (optional)
- Weight adjustment

Description	A (mm)	B (mm)	Cat. no.
Operator Star, black fabric, low-back	520	430 - 515	252431
Operator Star, black leather, low-back	520	430 - 515	252432
Operator Star, black fabric, high-back	520	430 - 515	252435
Operator Star, black leather, high back	520	430 - 515	252436
Multifunctional armrest left			252442
Multifunctional armrest right			252443
Surcharge upholster provided by customer			252444



## Cleemann Foldable seat

### Type Oyster

The Oyster is a compact, foldable seat for wall fastening. The metal parts are galvanized, corrosion resistant, black powder coated. The Oyster is a convenient, space saving solution. Comes standard in black leather and is available in two different widths.

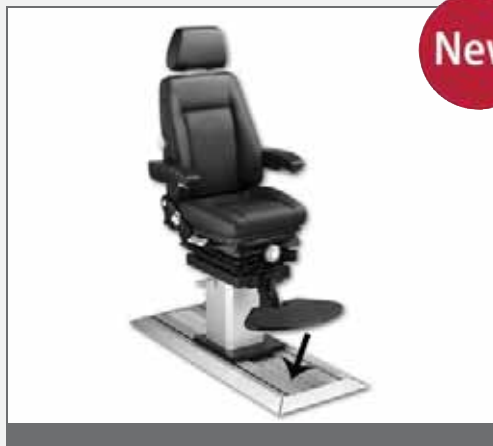
Depth seat in folded state: 11 cm

Description	W x d (mm)	H (mm)	Cat. no.
Oyster narrow, black vinyl	340 x 450	562	252503
Oyster wide, black vinyl	440 x 450	562	252523
Seatbelt (2 point)			252541

## Cleemann Accessories

As a standard the Cleemann professional helmsman's seats are delivered very complete. But for the ones who desire more comfort, there are several accessories available. For example, a three-or four-point safety belt. Note that the IMO Operator comes standard with a seat belt and for the folding Oyster only a two-point belt is available (see the table at the Oyster seat).

Description	Cat. no.
Seat-heating 24V	252901
Seatbelt (3-point)	252902
Seatbelt (4 point)	252903
Adapter plate for new pedestal for rails before 2013	252940



New

## Cleemann Deck rail

### Manual

The deckrails have a specially developed sliding-system for smooth, fast and easy. moving. The deck rail is made of a strong lightweight combination of aluminum and stainless steel. The built-in height is only 36 mm. Also available with cable management system in case of seat heating, joystick or electrical height adjustment.

Electrical rail on request

Description	Length (mm)*	Cat. no.
Deck rail	1000	252910
Deck rail	1200	252912
Deck rail	1500	252915
Deck rail	2000	252920
Deck rail	2500	252925
Deck rail	3000	252930

\*Other lengths available upon request



New

## Cleemann Deck rail ramp frame

When you want to build your deck rail on instead of in the floor, a ramp frame is available.

Description	Length (mm)	Cat. no.
Deck rail ramp frame	1000	252810
Deck rail ramp frame	1200	252812
Deck rail ramp frame	1500	252815
Deck rail ramp frame	2000	252820
Deck rail ramp frame	2500	252825
Deck rail ramp frame	3000	252830



## Score Helmsman's seats

### Type Basic I

This Score helmsman's seat offers everything you would expect of a helmsman's seat: a durable non-metallic five leg base, an adjustable foot rest, a gas spring, fixed arm rests and a comfortable high back support. The Basic I is upholstered with durable and ventilating fabric. An attractively priced seat of well known Score quality.

Colour	W x d (cm)	H (cm)	Cat. no.
Anthracite (Trevira fabric)	60 x 60	56 - 80	250200
Dark blue (Belfort fabric)	60 x 60	56 - 80	250201



## Score Helmsman's seats

### Type Comfort Nx I

The Score Comfort Nx I is a very complete helmsman's seat with a polished aluminium five leg base, an adjustable foot rest, a gas spring, fixed arm rests and a comfortable high back support. The Comfort Nx I has the revolutionary Niroxx; a wear and water resistant upholstery that will keep your seat in perfect condition. Available in two heights.

Colour	W x d (cm)	H (cm)	Cat. no.
Anthracite	60 x 60	56 - 80	250202
Anthracite	60 x 60	70 - 96	250204
Dark blue	60 x 60	56 - 80	250203
Dark blue	60 x 60	70 - 96	250205



## Score Helmsman's seats

### Type DeLuxe Nx I

The DeLuxe Nx I is the most luxurious model in the Score range. This model is similar to the Comfort Nx I, but has (in width as well as in height) adjustable arm rests and an adjustable seat tilt. Therefore the Score DeLuxe Nx I can be optimal adjusted to your personal position. Available in two heights.

Colour	W x d (cm)	H (cm)	Cat. no.
Anthracite	60 x 60	56 - 80	250206
Anthracite	60 x 60	70 - 96	250208
Dark blue	60 x 60	56 - 80	250207
Dark blue	60 x 60	70 - 96	250209



## Hollex Helmsman's seat

### Type 9009

A very robust seat with steplessly adjustable back rest and adjustable lumbar support. The arm rests (if mounted) are also adjustable in height and tip-up fully. Comes with strong, black woven fabric.

Description	Cat. no.
Seat (incl. head support and arm rests, excl. pedestal)	2435.01

## Standard

### Fabric



.00067



.00007

### Vinyl



.00148N



.00150N

### Leather



.KOBALT



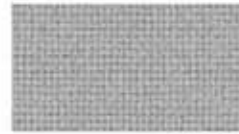
.NERO

## On request

### Fabric



.61019



.00002



.00095



.00075



.00085

### Vinyl



.00130N



.00138N



.00165N

### Leather



.IVORY



.COGNAC

Colours may vary slightly to catalogue

Zwaardvis helmsman's seats: a range of high quality seats made of only the best materials, providing many hours of fatigue-free use. All seats can be upholstered with woven fabric, vinyl or real leather in various colours.

Just recently, Zwaardvis introduced a new fabric colours. Just have a look at the new colours presented with each seat. Please note that colours under the header "On request" take about ten to twelve weeks delivery time. Of course there is always a possibility to upholster your seat with material you provide us.

All Zwaardvis seats can be fitted to a whole range of fixed and adjustable pedestals. In their turn these pedestals can be fixed to the underground by means of various bases. All parts can be assembled to your own requirements and dimensions!



## Zwaardvis Helmsman's seats

### Type Michigan de Luxe 25

A luxurious comfortable seat with adjustable back rest supplied with extra thick bottom cushion. Comes complete with head support. Very fine finish.

Comes : **with seat support** for tube Ø 60 mm (Cat.no. 2442)  
: **without pedestal**

Description	W x d (cm)	Height (cm)	Cat. no.
Michigan de Luxe 25 (fabric/vinyl)	57.5 x 60 - 65	82,5	2488.XXXXXX
Michigan de Luxe 25 (leather)	57.5 x 60 - 65	82,5	2488.XXXXXL



## Zwaardvis Helmsman's seats

### Type Atlantic high

The Atlantic guarantees optimum comfort, due to its extra thick seat. The stainless steel frame and upholstered arm rests give the seat a modern look.

Comes : **without seat support** for tube Ø 60 mm (Cat.no. 2442)  
: **without pedestal**

We advise you to combine this seat with a Poseidon seat pedestal.

Description	W x d (cm)	Height (cm)	Cat. no.
Atlantic high (fabric/vinyl)	62 x 60	64	Z.61271.XXXXXX
Atlantic high (leather)	62 x 60	64	Z.61271.XXXXXL



## Zwaardvis Helmsman's seats

### Type Maryland 60

The perfect seat for small wheelhouses as the seat and arm rests tip-up fully. In this way the seat can be slipped into a corner of the wheelhouse when not in use.

Comes : **with seat support** for tube Ø 60 mm (Cat.no. 2442)  
: **without pedestal**

Description	W x d (cm)	Height (cm)	Cat. no.
Maryland 60 (fabric/vinyl)	59 x 59 / 37	57	2413.XXXXXX
Maryland 60 (leather)	59 x 59 / 37	57	2413.XXXXXL



## Zwaardvis Helmsman's seats

### Type Maine 90

A robust seat with fixed arm rests and a high back rest.

Comes : **with seat support** for tube Ø 60 mm (Cat.no. 2442)  
: **without pedestal**

Description	W x d (cm)	Height (cm)	Cat. no.
Maine 90 (fabric/vinyl)	59.5 x 65	57	2407.XXXXXX
Maine 90 (leather)	59.5 x 65	57	2407.XXXXXL



## Zwaardvis Helmsman's seats

### Type Atlantic low

A seat especially designed for use on a flying bridge or in an open wheelhouse. The seat is weather resistant, due to the vinyl upholstery and anodised arms rests and handle at the back.

Comes : **with seat support** for tube Ø 60 mm (Cat.no. 2442)  
: **without pedestal**

Description	W x d (cm)	Height (cm)	Cat. no.
California 35 (fabric/vinyl)	61 x 59	51	2415.00067
California 35 (leather)	61 x 59	51	2415.00007



## Zwaardvis Helmsman's seats

### Type Florida 5

A seat with a white polyester shell, designed for use outdoors. Various colours of cushions make this a very attractive seat (see colour table, cushions only available in vinyl).

Comes : **with seat support** for tube Ø 60 mm (Cat.no. 2442)  
: **without pedestal**

Description	W x d (cm)	Height (cm)	Cat. no.
Florida (seat only)	53 x 54	51	2432
Set of seat cushions for Florida 5 (fabric/vinyl)			2445.XXXXXX
Set of seat cushions for Florida 5 (leather)			2445.XXXXXL



## Zwaardvis Helmsman's seats

### Type Dakota 57

Comfortable seat with aluminium frame. Available in various colours (see colour table).

Comes : **with seat support** for tube Ø 60 mm (Cat.no. 2442)  
: **without pedestal**

Description	W x d (cm)	Height (cm)	Cat. no.
Dakota 57 (fabric/vinyl)	54 x 56	45.5	2446.XXXXXX
Dakota 57 (leather)	54 x 56	45.5	2446.XXXXXL





## Zwaardvis Helmsman's seats

### Type Dakota Folding 55

Comfortable seat with extra thick bottom cushion. The seat has a luxury finish and adjustable back rest and arm rests.

Comes : **without seat support** for tube Ø 60 mm (Cat.no. 2442)  
: **without pedestal**

Description	W x d (cm)	Height (cm)	Cat. no.
Dakota Folding 55 (fabric/vinyl)	54 x 55 / 27	67	Z.61278.XXXXX
Dakota Folding 55 (leather)	54 x 55 / 27	67	Z.61278.XXXXXL



## Zwaardvis Helmsman's seats

### Type San Diego

The San Diego is a robust and comfortable seat with adjustable back rest and arm rests. Head rest adjustable in height. The beautiful leather upholstery contributes to the luxury of this extraordinary seat

Comes : **without seat support** for tube Ø 60 mm (Cat.no. 2442)  
: **without pedestal**

We advise you to combine this seat with a Poseidon seat pedestal.

Description	Colour	W x d (cm)	Height (cm)	Cat. no.
San Diego (seat only)	Black	61 x 59	94	61272.ZW
San Diego (seat only)	Grey	61 x 59	94	61272.GR



## Zwaardvis Helmsman's seats

### Type Nina Nautic

De Nina Nautic is a comfortable, luxurious seat with an elegant, modern design.

Comes : **without seat support** for tube Ø 60 mm (Cat.no. 2442)  
: **without pedestal**

Description	W x d (cm)	Height (cm)	Cat. no.
Nina Nautic (fabric/vinyl)	62 x 62	46	2467.XXXXX
Nina Nautic (leather)	62 x 62	46	2467.XXXXXL

## Zwaardvis seats



## Zwaardvis Seats

### Type Jami

Zwaardvis type Jami is a very stable seat. The legs of the Jami are made out of one tube. The seats are made of chrome plated steel tube with a bulkhead thickness of 2 mm. Comes complete with hooks to secure the seats to the floor.

Description	W x d x h (cm)	Cat. no.
Jami without arm rests	54 x 54 x 48	2441.XXXXX
Jami with arm rests	54 x 54 x 48	2451.XXXXX

Zwaardvis helmsman's seats are high quality seats made of only the best materials, providing many hours of fatigue-free use. Zwaardvis offers a wide pallet of fabrics, vinyls and leather colours for their stylish helmsman's seats. Just have a look at the pallet on the page before to get an idea of the upholstery possibilities offered. When ordering a helmsman's seat, please replace the XXX in the catalogue number with the right colour code. When you would like a seat with upholstery stated under "On request", please take into account a delivery time of ten to twelve weeks. Of course the upholstery that is tagged with "Standard" is to be delivered quickly. Of course we can always upholster your seat with material you provide us.

For these seats, we offer a wide ranges of fixed or adjustable pedestals with all kinds of accessories. This wide ranges offers almost endless possibilities to assemble the perfect pedestal for your seat. You can find these parts directly after the seats, under "Parts for Zwaardvis pedestals".

Please note that Zwaardvis helmsman's seats come without a pedestal. You will need to order a pedestal separately. In de texts with all types of seats is stated whether or not a seat support is included.



## Spare parts for seat pedestals

### Seat pedestals

The aluminium seat pedestals can be adjusted in height, rotate 360 degrees and can be locked by means of a friction lock. The height mentioned are with the seat support included (this support comes with most Zwaardvis seats).

The pedestals on pos. 1 till 4 can be used in combination with a five-leg base. The pedestal on pos. 5 is made for mounting through the floor. This means it has to be mounted with a bulkhead mount Ø 27 cm (cat. no. 2428).

Pos.	Description	TubeØ (mm)	Height (mm)	Cat. no.
1	Seat pedestal	76 / 60	545 - 780	2420
2	Seat pedestal powermatic	76 / 60	555 - 825	2421
3	Seat pedestal	76 / 60	330 - 430	2422
4	Seat pedestal powermatic	76 / 60	330 - 440	2452
5	Seat pedestal*	76 / 60	435 - 690	2423
5	Seat pedestal powermatic	76 / 60	435 - 690	2424

\*Through floor mounting (see text)



## Spare parts for seat pedestals

### Base / Mounts

There are various mounts to choose from to mount a seat pedestal to the floor.

Pos.	Description	TubeØ (mm)	Cat. no.
1	Five-leg baseØ 76 cm	76	2430
2	Round base bulkhead mount Ø 18 cm	60	249901
2	Round base bulkhead mount Ø25 cm	60	2499
2	Round base bulkhead mount Ø25 cm	76	2482



New

## Spare parts for seat pedestals

### Foot rest with tip-up footplate, fixed to pedestal

This foot rest is made from stainless steel with a grey or white tip-up footplate. The foot rest is available in two lengths.

Pos.	Description	Model	Footplate colour	Cat. no.
1	Fixed foot rest stainless steel, with tip-up footplate	Long	Grey	2419
-	Fixed foot rest stainless steel, with tip-up footplate	Long	White	Z.64301W
-	Fixed foot rest stainless steel, with tip-up footplate	Short	Grey	Z.64302G
2	Fixed foot rest stainless steel, with tip-up footplate	Short	White	Z.64302W



## Spare parts for seat pedestals

### Foot rest with tip-up footplate - for Poseidon and Proteus

This foot rest is made from stainless steel with a varnished wooden tip-up footplate. The foot rest needs to be mounted to the Poseidon or Proteus seat support. The foot rest can be set in three fixed positions.

Pos.	Description	Cat. no.
1	Poseidon and Proteus foot rest	2418



## Spare parts for seat pedestals

### Foot rests - Adjustable

Adding a foot rest to your seat is adding extra comfort to your trip. These foot rests can be fitted directly to the tube. You can adjust the height by sliding the rest up or down the seat pedestal, which is ideal in situations where the helmsman's seat needs to be adjustable for different people.

Pos.	Description	Tube Ø (mm)	Cat. no.
1	Adjustable foot rest	76	246027
2	Adjustable foot rest	100	Z.64199
3	Adjustable foot rest	60	2417



## Spare parts for seat pedestals

### Foot rest with tip-up footplate - for wall mount

This is a beautiful foot rest made of polished stainless steel is especially designed for wall mount. The handy tip-up foot rest is folded against the wall and will not take up unnecessary space.

Pos.	Description	Cat. no.
1	Stainless steel foot rest for wall mount	Z.64309



## Spare parts for seat pedestals

### Seat supports / Slide assemblies

Seat supports are to be fitted between the seat and the seat pedestal. A slide assembly can be fitted between the seat support and the seat pedestal.

Pos.	Description	Tube Ø (mm)	Cat. no.
1	Seat support 24 x 24 cm	60	2442
1	Seat support 24 x 24 cm	76	2443
2	Slide assembly with 15 cm travel	-	2416
3	Slide assembly with 19 cm travel	-	2426



## Complete seat pedestals

### Seat pedestal Poseidon

This "ruler of the sea" is made of anodised aluminium and stainless steel 316. The smooth running seat slide allows a sliding of 15 cm. Every 2½ cm the seat slide can be blocked. This blocking can be undone by simply pulling out a knob. On top of that, the slide allows you to turn the seat up to 360° with the possibility to block the position every 15°. The Poseidon consists of a bulkhead mount flange, a powermatic column and a seat slide. To further ease the installation or disassembly, a mounting bracket can be ordered separately.

Pos.	Tube Ø (mm)	Height (mm)	L x w (cm)	Cat. no.
1	100	330	24 x 34	Z.11026
1	100	430	24 x 34	246117
1	100	690	24 x 34	246127
2	100 / 76	380 - 460 (adjustable)	24 x 34	246115
2	100 / 76	460 - 540 (adjustable)	24 x 34	246120
2	100 / 76	540 - 620 (adjustable)	24 x 34	246125
2	100 / 76	640 - 740 (adjustable)	24 x 34	246129
Mounting bracket				246130

## Complete seat pedestals

### Seat pedestal Proteus

Proteus seat pedestals come with the Quick release clamp to fix the chosen height. The columns have a smooth finish. Proteus pedestals with a round base feature a Heavy Duty seat support that will allow the seat to both slide and turn. The Heavy Duty seat support that comes with the Proteus with a five-leg base, only allows the seat to turn.

Included with the pedestals are: telescopic smooth finished column with Quick release clamp, round or five leg base and seat support.



Pos.	Description	Height (mm)	Tube Ø (mm)	Diameter base (mm)	Cat. no.
-	With round base	365 - 455	100 / 76	300	Z.14037
-	With round base	450 - 540	100 / 76	300	Z.12145
1	With round base	630 - 720	100 / 76	300	Z.14063
-	With stainless steel cover	365 - 455	100 / 76	300	Z.12237
-	With stainless steel cover	420 - 540	100 / 76	300	Z.12245
-	With stainless steel cover	630 - 720	100 / 76	300	Z.12263
2	With stainless steel five-leg base	400 - 490	100 / 76		Z.12540
2	With stainless steel five-leg base	480 - 570	100 / 76		Z.12548
2	With stainless steel five-leg base	660 - 750	100 / 76		Z.12566

## Complete seat pedestals

### Seat pedestal Sphinx

Sphinx seat pedestals feature the Quick release clamp to fix the chosen height. The columns have a smooth outer tube and a serrated inner tube. The Sphinx pedestals with a round base can be complemented with a stainless steel cover that slides over the anodised aluminium base. The five leg base is completely made of stainless steel.

Included with the pedestals are: telescopic column with Quick release clamp, round anodised aluminium base or stainless steel five leg base and removable seat support.



Pos.	Description	Tube Ø (mm)	Height (mm)	Diameter base (mm)	Cat. no.
-	With anodised aluminium base	100/76	360 - 550	300	Z.35136
-	With anodised aluminium base	100/76	460 - 650	300	Z.35146
1	With anodised aluminium base	100/76	590 - 780	300	Z.35159
-	With stainless steel cover	100/76	360 - 550	300	Z.35236
-	With stainless steel cover	100/76	460 - 650	300	Z.35246
-	With stainless steel cover	100/76	590 - 780	300	Z.35259
-	With stainless steel five-leg base	100/76	309 - 580		Z.35539
-	With stainless steel five-leg base	100/76	490 - 680		Z.35549
2	With stainless steel five-leg base	100/76	620 - 810		Z.35562



## Spare parts for seat pedestals

### Poseidon slide assembly

This Poseidon slide assembly is the solution for situations in which a helmsman's seats is desired, but there is not enough space to place a complete seat pedestal. In this way you can mount your seat e.g. on a box. You have the same freedom of movement as with the regular Poseidon pedestal. You can slide your seat 15 cm in total and block it every 2.5 cm. You can also turn your seat with 360° and block it every 15°. This Poseidon slide assembly is manufactured from stainless steel 316 and anodised aluminium.

Description	Height (mm)	Cat. no.
Poseidon slide assembly (sliding and turning)	85	246131
Poseidon slide assembly (sliding and turning)	125	246132



## Examples of complete seat pedestals

Pedestal 1 consists of: a five-leg base (2430), a seat pedestal (2420), a foot rest (2417) and a seat support (2442).

Pedestal 2 consists of: a bulkhead mount (2428), a seat pedestal (2420), a foot rest (2417), a seat support (2442) and a slide assembly (2426).

Tube diam. : 76/60 mm.  
Flange diam. : 270 mm.  
Five leg base diam. : 760 mm.

Pos.	Description	Height (mm)	Cat. no.
1	Seat pedestal complete	545 - 780	24158
2	Seat pedestal complete	545 - 780	24114

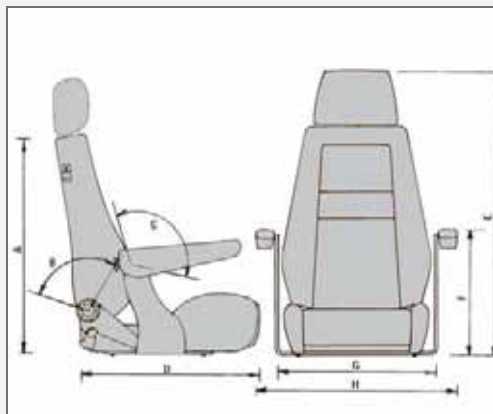


## Examples of complete seat pedestals

These pedestals are supplied including a seat support. The pedestals have a powermatic height adjustment and are available in three heights.

Tube diam. : 100 / 76 mm  
Flange diam. : 300 mm  
Five leg base diam. : 814 mm

Pos.	Description	Height (mm)	Cat. no.
1	Pedestal complete with five-leg base	350 - 400	246011
1	Pedestal complete with five-leg base	450 - 550	246012
1	Pedestal complete with five-leg base	540 - 760	246013
2	Pedestal complete with mount	350 - 400	246031
2	Pedestal complete with mount	450 - 550	246032
2	Pedestal complete with mount	540 - 760	246033



A good helmsman's seat is not just a matter of good looks or personal taste. A professional helmsman's seat is ergonomically designed specifically to keep the helmsman refreshed, alert, comfortable and safe for extended periods of time. Recaro has been the world leader for many years concerning the design of professional seats in marine, aviation and automotive industries. Recaro Maritime helmsman's seats for example have frames, 120° adjustable arm rests (C), 350 mm high arm rests (F) and adjustable seat lengths. Every seat is 520 mm in width (G), and including the arm rests 720 mm in width (H). Most seats are upholstered with black woven fabric as a standard (unless the text states otherwise). All seats can be upholstered in leather or owner supplied material for an additional charge, so that the seat matches the vessel's interior.

## Recaro Helmsman's seats

### Type Atlantic

Standard chair in traditional Recaro design. The Atlantic is standard supplied in black woven fabric, black vinyl or in black leather.

Back rest	: Manual	Head rest	: Manual
Lumbar support	: Optional	Seat length	: Manual
Tip-up arm rests	: Manual	Fold down back rest	: Manual
Weight	: 31 kg.		

Type	A (mm)	B	D (mm)	E (mm)	Cat. no.
Atlantic fabric	750	150°	580	850	2510.01
Atlantic fabric/ vinyl	750	150°	580	850	2510.31
Atlantic leather	750	150°	580	850	2510.10



## Recaro Helmsman's seat

### Type Atlantic LT-H

Standard chair in traditional Recaro design. The Atlantic LT-H is standard supplied in black woven fabric.

Back rest	: Manual	Head rest	: Manual
Lumbar support	: Optional	Seat length	: Manual
Tip-up arm rests	: Manual	Fold down back rest	: Manual
Side bolsters	: Manual	Weight	: 31 kg.

Upholstery	A (mm)	B	D (mm)	E (mm)	Cat. no.
Fabric, black	750	140°	580	850	2510.02



## Recaro Helmsman's seat

### Type Atlantic Yacht

This is a very compact model. Ideal if you have limited space and still would like to have the comfort of a Recaro. The armrests can also be mounted on the inside, so you can make the seat even smaller. Standard supplied in white vinyl.

Back rest	: Manual	Lumbar support	: Optional
Tip-up arm rests	: Manual	Fold down back rest	: Manual
Weight	: 26 kg.		

Upholstery	A (mm)	B	D (mm)	E (mm)	Cat. no.
Vinyl, white	550	150°	520	550	2510.32
Vinyl, black	550	150°	520	550	2510.33





## Recaro Helmsman's seat

### Type Atlantic Outdoor

This traditional design has a frame fully made of stainless steel 316. Designed for use outdoors. Standard supplied in white vinyl.

Back rest	: Manual	Lumbar support	: Optional
Tip-up arm rests	: Manual	Fold down back rest	: Manual
Weight	: 26 kg.		

Upholstery	A (mm)	B	D (mm)	E (mm)	Cat. no.
Vinyl, white	750	35°	580	750	2510.08



## Recaro Helmsman's seats

### Type Northsea

This seat has a special shape. The Northsea is standard supplied in black leather. The North Sea is available with a four point harness. Ask our sales department for more information.

Back rest	: Manual	Head rest	: Fixed
Lumbar support	: Manual	Seat length	: Manual
Tip-up arm rests	: Manual	Weight	: 31 kg.

Upholstery	A (mm)	B	D (mm)	E (mm)	Cat. no.
Fabric, black	750	150°	570	850	2510.18
Leather, black	750	150°	570	850	2510.19



## Recaro Helmsman's seat

### Type Caribbean

Luxurious chair in traditional Recaro design offering all the features you can think of. At the side of this remarkable seat a control panel for all functions is built in. The Caribbean is standard supplied in black woven fabric.

Back rest	: Electric	Seat height	: Electric
Head rest	: Manual	Lumbar support	: Electric
Side bolsters in back rest	: Electric	Seat length	: Manual
Heating and ventilation	: Optional	Tip-up arm rests	: Manual
Fold down back rest	: Manual	Seat tilt	: Electric
Side bolsters in seat	: Electric	Weight	: 39 kg.
Seat tilt	: Electric		

Upholstery	Volt	A (mm)	B	D (mm)	E (mm)	Cat. no.
Fabric, black	12	690	150°	580	810	2510.04



## Recaro Helmsman's seat

### Type Caspian

Chair in contemporary styling. The Caspian is standard supplied in black woven fabric. The Caspian XL has a 40 mm higher back rest and a 20 mm higher head rest compared to the standard model.

Back rest	: Manual	Head rest	: Manual
Lumbar support	: Electric	Side bolsters	: Manual
Seat length	: Manual	Tip-up arm rests	: Manual
Fold down back rest	: Manual	Weight	: 31 kg.
Seat tilt	: Electric		

Type	Volt	A (mm)	B	D (mm)	E (mm)	Cat. no.
Caspian	12	750	150°	570	850	2510.12
Caspian XL	12	790	150°	570	910	2510.17



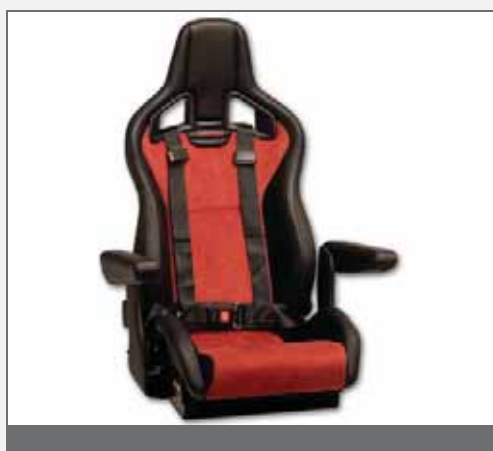
## Recaro Helmsman's seat

### Type Arctic

Very complete chair that offers all the features you want. In the side of the seat a control panel for all functions is built in. The Arctic is standard supplied in black woven fabric.

Back rest	: Electric	Head rest	: Manual
Lumbar support	: Electric	Side bolsters	: Electric
Seat length	: Manual	Heating and ventilation	: Electric
Tip-up arm rests	: Manual	Fold down back rest	: Manual
Weight	: 33 kg.		

Upholstery	Volt	A (mm)	B	D (mm)	E (mm)	Cat. no.
Fabric, black	12	690	140°	580	850	2510.05



## Recaro Helmsman's seats

### Type Offshore

The Recaro Offshore in combination with the air suspension is one of the best solutions for comfortable and safe seating on fast boats. Head and neck are well protected by the integrated, fully upholstered headrest. Well defined side bolsters for a firmer sitting position offer optimum support when the boat rolls. The strongly contoured shoulder support relieves muscle tension. This Recaro helmsman's seat is upholstered in black leather in combination with red, bleu, grey, black or beige dinamica and has a belt guide for a four-point belt system. Of course we can also supply a four-point seatbelt.

Back rest	: Manual	Head rest	: Manual
Lumbar support	: Optional	Seat length	: Manual
Tip-up arm rests	: Manual	Fold down back rest	: Manual
Weight	: 31 kg.		

upholstery	A (mm)	B	D (mm)	E (mm)	Cat. no.
Leather, black + dinamica, red	750	150°	570	850	2510.40
Leather, black + dinamica, blue	750	150°	570	850	2510.41
Leather, black + dinamica, grey	750	150°	570	850	2510.42
Leather, black + dinamica, black	750	150°	570	850	2510.43
Leather, black + dinamica, beige	750	150°	570	850	2510.44
Four-point belt with mounting bracket					2510.49

## Upholstery and accessories

## Upholstery

### For Recaro helmsman's seats

Most Recaro helmsman's seats are supplied in black woven fabric. For an additional charge, the seats can be upholstered in various colours of leather or vinyl, or with owner supplied material.

Upholstery	Cat. no.
Leather upholstery	2511.05
Owner supplied material (6 m <sup>2</sup> per seat)	2511.07





## Foot rests

For Recaro helmsman's seats

Pos.	Description	Cat. no.
1	Foot rest stainless steel 316 with duropal plate	251706
2	Foot rest stainless steel 316 with teak plate	251708
3	Foot rest stainless steel 316 without plate	251709
4	Foot rest stainless steel 316 with stainless steel plate	251707
5	Foot rest stainless steel 316 with polished stainless steel plate	251710
6	Foot rest stainless steel 316 with stirrup	251705



## Seat slides

For Recaro helmsman's seats

Description	Cat. no.
Stainless steel slide assembly	2511.02
Stainless steel slide assembly electric 12V	2511.03
Voltage dropper from 24V to 12V	2511.15



## Hydromar seat pedestals

### Hydromar Seat pedestal

#### Hydraulic pedestal LD

Light duty hydraulic pedestal with built-in brake; rotates fully. This pedestal consists of two parts: one chrome plated, hydraulic part with a 150 mm travel and one stainless steel 304 base part, which is available in standard heights with 50 mm increments. A combination of both parts will give the required height of the pedestal.

Tube and base part diam. : 81 mm  
Diam. bulkhead mount : 270 mm

Height (mm)	Cat. no.
520 - 670	251604
570 - 720	251604.1
620 - 770	251604.2



### Hydromar Seat pedestal

#### Hydraulic pedestal with 5-leg base

Light duty hydraulic pedestal with a five leg base with built-in brake; rotates fully. The pedestal consists of three parts: one chrome plated, hydraulic part (with a 150 mm travel), one aluminium base part (available in various heights with 50 mm increments) and one aluminium five leg base.

Diam. five leg base : 610 mm

Height (mm)	Cat. no.
390 - 540	251635
440 - 590	251636
490 - 640	251637
540 - 690	251638
590 - 740	251639



## Hydromar Seat pedestal

### Hydraulic pedestal HD

Heavy duty hydraulic pedestal with built-in brake; rotates fully. This pedestal consists of two parts: one chrome plated, hydraulic part with a 200 mm travel and one stainless steel 304 fixed base part, which is available in standard heights of 50 - 400 mm with 50 mm increments. A combination of both parts will give the required height of the pedestal. Minimum height is 415 mm Round stainless steel bulkhead flange of 270 mm.

Tube and base part diam. : 128 mm

Diam. bulkhead mount : 270 mm

Height (mm)	Cat. no.	Height (mm)	Cat. no.
415 - 615	251605	615 - 815	251609
465 - 665	251606	665 - 865	251610
515 - 715	251607	715 - 915	251611
565 - 765	251608	765 - 965	251612



## Hydromar Seat pedestal

### Hydraulic pedestal HD stainless steel 316

Heavy duty pedestal completely manufactured of one piece stainless steel 316, with built-in brake and a 200 mm travel. Rotates fully. Available in standard heights.

Tube diam. : 140 mm

Diam. bulkhead mount : 270 mm

Height (mm)	Cat. no.	Height (mm)	Cat. no.
410 - 595	251615	595 - 795	251619
445 - 645	251616	635 - 835	251620
495 - 695	251617	695 - 895	251621
545 - 745	251618	775 - 975	251622



## Hydromar Seat pedestal

### Fixed pedestal stainless steel 304

Fixed pedestal with built-in brake; rotates fully and can be secured at any desired angle. Fully stainless steel 304. Standard supplied with a height of 1,000 mm but can be cut to length on board. Minimum height is 180 mm.

Diam. bulkhead mount : 270 mm

Height (mm)	Cat. no.
Max. 1000	251704



## Hydromar Seat pedestal

### Electric pedestal stainless steel 316

Electric 24V pedestal in stainless steel 316 with a travel of 150 mm. Three position switch is supplied with the pedestal and can be fitted to the base plate of the seat. Other sizes possible, available on request.

Tube diam. : 140 mm

Diam. bulkhead mount : 270 mm

Height (mm)	Cat. no.
520 - 670	251930
570 - 720	251935
620 - 770	251940



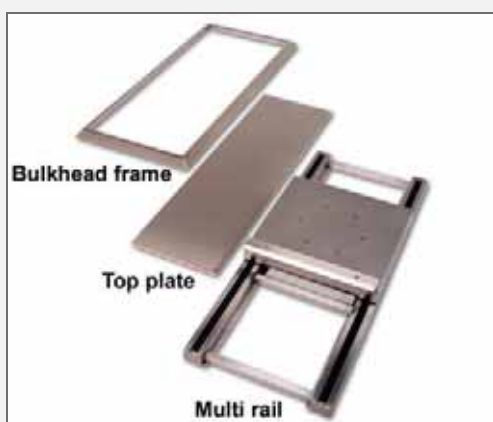
## Hydromar Seat pedestal

### Air suspension

This air suspension unit is developed especially for marine use. The suspension is regulated by an internal compressor which can be set to suit all weights. This unit can be used under every Recaro Maritime model.

This pedestal combined with the Recaror Offshore seat and an fourway seatbelt have Bureau Veritas approval.

Volt	Weight (kg)	Cat. no.
12	20	251912
24	20	251924



## Multi rail systems

Multi Rail systems have a fully stainless steel 304 construction, with a self-lubricating rail. The mechanical brake on the manual rail can be activated in any position, whereas the electric operated system is self-braking at all times. Multi Rail systems can be supplied in standard lengths of 1 m, 1.2 m, 1.5 m, 2 m and 2.5 m, but can also be supplied in any length required with a maximum of 6 m. Required spigot depth for flush mount rail is 43 mm. Width of the complete rail system is 500 mm. In case flush mounting is not possible, bulkhead frames and top plates are available in various materials.



## Multi rail systems

### Stainless steel rail and bulkhead frame

Length (mm)	Multi rail Cat. no.	Bulkhead frame Cat. no.
1000	251100	251210
1200	251120	251212
1500	251150	251215
2000	251200	251220
2500	251250	251250.1
For a surcharge also available		Cat. no.
Electrical adjustment 24V		251204



## Multi rail top plates

Length (mm)	Grey Duropal Cat. no.	Coated wood Cat. no.	Stainless steel Cat. no.
1000	251510	251410	251310
1200	251512	251412	251312
1500	251515	251415	251315
2000	251520	251420	251320
2500	251525	251425	251325

Apart from helmsman's seats, Zwaardvis also produces high quality parts for tables. Assemble your own table pedestal by combining the parts shown in this paragraph. Let the examples of pedestals in this chapter inspire you!

N.B. For outside use we advise the use of stainless steel or anodised spare parts.



## Parts for table pedestals

### "All directions" table column and -slide

Three-step table pedestal designed for situations where a flush mount pedestal will not fit. Manually adjustable and comes complete with bulkhead flange of 300 mm. Available in three heights. Table slide "All directions" allows easy access. The tabletop can slide into each direction and rotates fully.

Pos.	Description	Tube Ø (mm)	Height (mm)	Cat. no.
1	3-step table column	100 / 76 / 60	340 - 690	246043
1	3-step table column	100 / 76 / 60	350 - 700	246044
1	3-step table column	100 / 76 / 60	360 - 710	246045
2	Table support All directions	tube Ø 60		246046
2	Table support All directions	tube Ø 76		246047

## Parts for table pedestals

### Table columns



Pos.	Description	Tube Ø (mm)	Height (mm)	Cat. no.
1	Table column	76 / 60	490 - 810	2470
1	Table column powermatic	76 / 60	490 - 810	2471
2	Table column (excl. flange)	76 / 60	365 - 685	2473
2	Table column powermatic (excl. flange)	76 / 60	365 - 685	2474
3	Table column, 1 side conical	60	660	2454
3	Table column, 1 side conical	60	710	2455
3	Table column, 1 side conical	76	660	2484
3	Table column, 1 side conical	76	710	2485
4	Table column, 2 sides conical	60	660	2456
4	Table column, 2 sides conical	60	710	2457
4	Table column, 2 sides conical	76	660	2486
4	Table column, 2 sides conical	76	710	2487

## Parts for table pedestals

### Table supports



Pos.	Description	Tube Ø (mm)	Cat. no.
1	Table support	60	2440
2	Table support length 50 cm	60	2476
2	Table support length 50 cm	76	2478
3	Add on		2479
4	Slide-assembly 20 cm adjustable		2450



## Parts for table pedestals

### Mounts and spare parts

Pos.	Description	Tube Ø (mm)	Flush Ø (mm)	Flush depth (mm)	Cat. no.
1	Flush mount plastic Ø 14 cm	60	103	65	2461
2	Plug	60			2464
2	Plug	76			2465

## Anodised parts for table pedestals

### Anodised models

For fitment inside the boat standard pedestals and flanges can be used. But for outdoor use, it is advised to use anodised aluminium. All the columns and flanges as shown on the left are manufactured from anodised aluminium. The largest flange with bulkhead mount is also suitable when the floor does not allow any mounting at all.



Pos.	Description	Tube Ø (mm)	Height (mm)	Flush Ø (mm)	Flush depth (mm)	Cat. no.
1	Column, manual	76 / 60	490 - 810			Z.62090A
2	Column, gas pressure operated	76 / 60	490 - 810			Z.62190A
3	Flush mount Ø 18 cm	60		120	65	2498
3	Flush mount Ø 22 cm	76		149	75	2472
4	Bulkhead mount Ø 18 cm	60				249901
4	Bulkhead mount Ø 25 cm	60				2499
4	Bulkhead mount Ø 25 cm	76				2482
5	Bulkhead mount sphere Ø 17,5 cm	60				246020
5	Bulkhead mount sphere Ø 17,5 cm	76				246021

## Rvs Stainless steel parts for table pedestals

Ideal to use outside and very pleasing for the eyes. The range consists of fixed pedestals and two types of flanges. The pedestals are completely made of stainless steel 316 and have a diameter of 60 or 76 mm. The flanges are made of anodised aluminium and have a stainless steel 316 cover.



Pos.	Description	Tube Ø (mm)	Height (mm)	Flush Ø (mm)	Flush depth (mm)	Cat. no.
1	Fixed table pedestal, 2 sides conical	60	660			246025
1	Fixed table pedestal, 2 sides conical	60	710			246026
1	Fixed table pedestal, 2 sides conical	76	660			246028
1	Fixed table pedestal, 2 sides conical	76	710			246029
2	Flushmount flange s.s. 316	60		80	65	246023
3	Flushmount flange s.s. 316	76		96	65	246024



## Examples of complete table pedestals

### Examples of possible combinations

Here are some examples of possible combinations with Zwaardvis table columns. These ready-to-use columns can be ordered in these configurations.

Pos.	Description	Tube Ø (mm)	Height (mm)	Cat. no.
1	Table column	76 / 60	490 - 810	Z.36500
2	Table column	60	680	Z.36001
3	Table column	76 / 60	365 - 640	Z.36506



## Examples of complete table pedestals

These columns are supplied as shown. The columns on pos. 1 and 2 come complete with table support (2477). Tube diameter is 100 / 76 mm and flange Ø 300 mm.

Column pos. 1 has a bulkhead flange.

Column pos. 2 is fitted 170 mm through the floor.

Fixed column pos. 3 has a tube diameter of 100 mm and is also available in other heights.

Pos.	Description	Height (mm)	Cat. no.
1	With bulkhead mount on floor	510 - 860	246040
2	With bulkhead mount through floor	350 - 685	246041
3	Fixed column with bulkhead mount	740	246042



## Complete columbus table pedestals

These pedestals are specially developed for use in smaller rooms and they are very easy to adjust and remove. Models 1, 2, 3 and 5 are suitable for wall mounting; model 4 has to be mounted through the floor (flush diameter 160 mm). The column and the brackets have a structure, so they can be fixed to the wall with little force. The pedestals are manufactured of durable, anodised aluminium. Columbus 1, 2 and 5 have pivoting arms. The table supports of the Columbus 1, 3 and 4 can be rotated. Pedestal 2 has a table support to turn down and to pivot. In Columbus 5 all these table support characteristics are combined.

Pos.	Description	Height (mm)	Cat. no.
1	Columbus 1	750	246501
2	Columbus 2	730	246502
3	Columbus 3	730	246503
4	Columbus 4	670	246504
2	Columbus 5	740	246505



## Pull Out tabletop carrier

### Pull Out tabletop carrier

To create a large table quickly, folding table tops offer a solution. For such table tops the Pull Out tabletop carrier is developed, which can be stretched on one or two sides. The Pull-Out consists of a blade carrier and a pull system. The support is placed in the middle of the folded table top. When the blade is extended, you can pull the extra support from the carrier. The Pull Out is made of anodized aluminum with polished stainless steel runner supports. The tabletop carrier is mounted to a column with an adapter. You can only order the Pull-Out in combination with a column, the adapter will be mounted to the column.

Pos.	Description	L x w carrier (mm)	Cat. no.
1	Single Pull Out	280 x 280	Z.63781
2	Double Pull Out	330 x 400	Z.63782



New

## Triton 1

### Fixed height

Triton 1 is a very sturdy column with a fixed height. The tube has a diameter of 76 mm. Comes complete with adaptor for the use of a table support.

Description	Height (mm)	Cat. no.
For fixed table top, bulkhead mounted on floor	685	37110
For fixed table top, flush mounted in floor	675	37120
For single sided folding table top (e.g. single Pull out)	685	37111
For both sides folding table top (e.g. double Pull out)	685	37112
Sliding system with lock on both ends	35	2426
Delrin cover	-	2465



New

## Triton 2d

### Adjustable height ,tube Ø 76/60 mm

Triton 2d is a table column with adjustable height, with an anodised and polished aluminium bulkhead mount flange. The smooth aluminium Powermatic column features the "Quick release" clamp, made of high gloss polished stainless steel. Comes complete with adaptor for the use of a table support.

Description	Height (mm)	Cat. no.
For fixed table top	510 - 860	37600
For single sided folding table top (e.g. single Pull out)	510 - 860	37601
For both sides folding table top (e.g. double Pull out)	510 - 860	37602
Sliding system with lock on both ends	35	2426



New

## Triton 2d

### Adjustable height, tube Ø 100/76 mm

Heavy duty Powermatic Triton 2d column. This type features a wider tube (100/76) than the standard 2d column. Comes with an already mounted anodised and polished aluminium bulkhead mount flange. The smooth aluminium Powermatic column features the "Quick release" clamp, made of high gloss polished stainless steel. Comes complete with adaptor for the use of a table support.

Description	Height (mm)	Cat. no.
For fixed table top	470 - 825	37620
For single sided folding table top (e.g. single Pull out)	470 - 825	37621
For both sides folding table top (e.g. double Pull out)	470 - 825	37622
Sliding system with lock on both ends	35	2426



New

## Triton Deluxe

### Adjustable height

This is the most luxurious pedestal in the Triton range, because of its richness in features. This Powermatic column has three telescopic units with a diameter of 60/76/100 mm. This column features the "Quick release" clamp, made of high gloss polished stainless steel. A Triton Deluxe is very suitable when used for tables that revert to beds and vice versa. Comes complete with a bulkhead mount flange with a diameter of 300 mm.

Description	Height (mm)	Cat. no.
For fixed table top	305 - 680	37710
For fixed table top	340 - 710	37740
For single sided folding table top (e.g. single Pull out)	305 - 680	37711
For single sided folding table top (e.g. single Pull out)	340 - 710	37741
For both sides folding table top (e.g. double Pull out)	305 - 680	37712
For both sides folding table top (e.g. double Pull out)	340 - 710	37742