



PRODUCT GUIDE



Built to perform, built to last





CHAIRS

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ALUTECH 200 LOW ALUTECH 200 ALUTECH 300 ALUTECH 600 OP 600 OP 12 ALUTECH 600-5



ALUTECH 200 FLATBACK ALUTECH 400 FLATBACK OP 01 \$5 OP01 OP 1600 3000 FC





OP 50 \$5 OP 50 \$12







55 - 300





DESIGN AND FEATURES

Armrest

- Height adjustable and / or fixed armrests
- Flip back armrests
- Optional armrest attachments for control equipment and cup holders etc.

Column

- Cable routing is possible through the chair and centre column
- Shock absorbing column

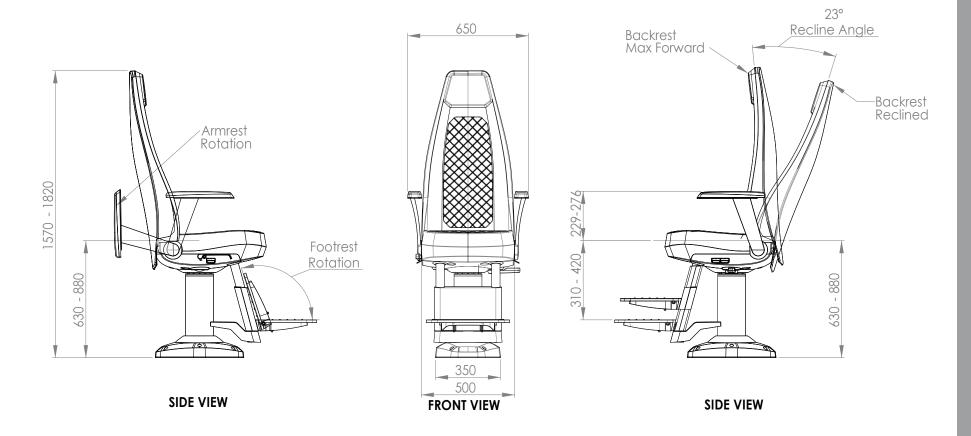
Footrest

- Pneumatic height adjustment of footrest
- Fold up footrest
- Footrest rotates with chair and is supported by the column for stability

S5-OPL Special Features

- Hardback cover in high gloss black or grey. Optional colors available.
- Combination of genuine leather and Alcantara upholstery.
- Stitching with diamond shaped pattern in the sitting area"





S5-OPL





DESIGN AND FEATURES

• Reclining back rest

Armrest

- Flip back armrest
- Adjustable armrest top
- Optional armrest widths and attachments for control equipment

and cup holders etc

• 355° rotation and locks in any position

Column

- Pneumatic adjustment of sitting height
- Shock absorbing base

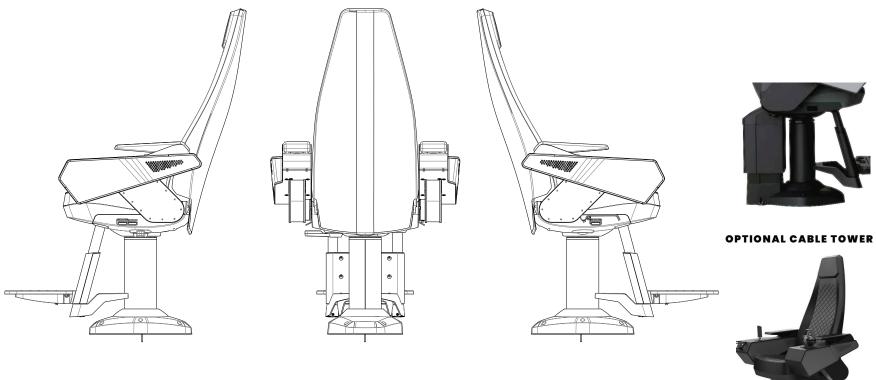
Footrest

- Pneumatic height adjustment of footrest
- Fold up footrest
- Footrest rotates with chair and is supported by the column for stability

S5-OPL Special Features

- Hardback cover in high gloss black or grey. Optional colors available.
- Combination of genuine leather and Alcantara upholstery.
- Stitching with diamond shaped pattern in the sitting area"







Operator chair	Sitting height	Max width	Chair weight	Footrest
OPL 620	420 - 490mm	880mm	50 kg	
OPL 625	550 - 750mm	880mm	56 kg	X
OPL 630	630 - 880mm	880mm	57 kg	X
OPL 640	730 - 980mm	880mm	59 kg	Χ
OPL 650	830 -1030mm	880mm	60 kg	X



MISC PAD/MONITOR HOLDERS

S 5 - O P 5 0



DESIGN AND FEATURES

• Reclining back rest

Armrest

- Adjustable armrest top
- Armrests are prepared for control equipment with cable routing through the arm, seat and and center column

Column

• Electrical adjustment of sitting height

Footrest

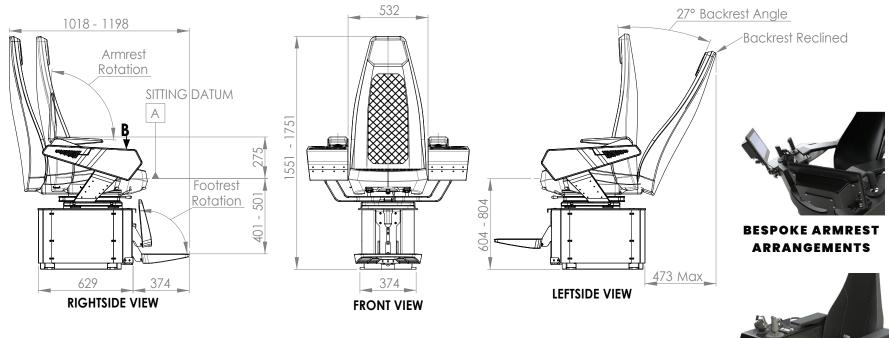
Fold up footrest

- Seat slide available
- · Concealed and protected cabling
- No welded parts
- Seat rotation
- 24V / 20 Amp

S5-OPL Special Features

- Hardback cover in high gloss black
- Optional colors available.
- Combination of genuine leather and Alcantara upholstery





OP 50 & OP 60 ARE IDENTICAL, BUT WITH A DEEPER ARMTREST ON OP 60.

1082mm

1082mm

Operator chair Sitting height Max width Chair weight Footrest HSC FOR CONTROLS

118 kg

122 kg

Χ

Χ

OP 50

OP 60

630 - 830mm

630 - 830mm







DESIGN AND FEATURES

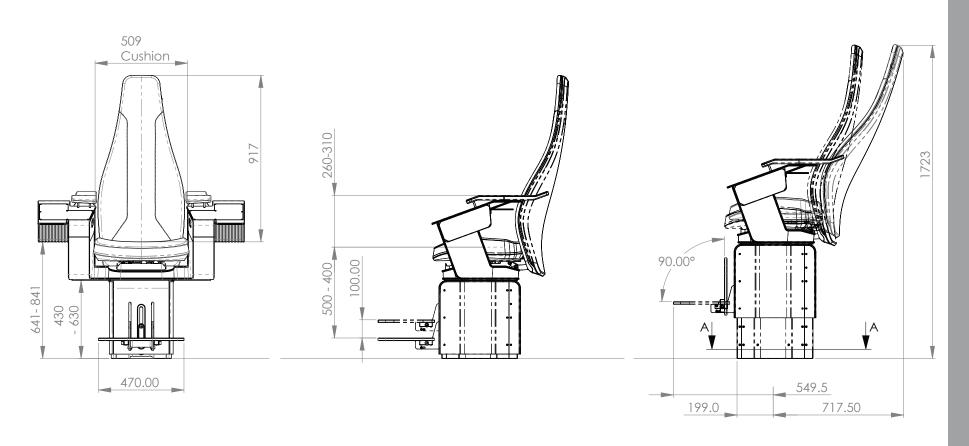
- Combination of genuine leather upholstery with hard backrest cover
- **Armrest**
- Upholstered armrest
- Column
- Electric recline
- Optional electric tilt of seat

- Electric rotation
- Electric adjustment of sitting height

- Electric height adjustment of footrest
- Fold-up footrest

- Optional seat slide
- Optional 6-way electric adjustable chassis
- 3 optional armrest sizes for installation of armrest mounted equipment.
- Concealed and protected cable management
- Electric operated deck rails arranged for cable management
- 24V / 20 Amp





ALUTECH 600



DESIGN AND FEATURES

Armrest

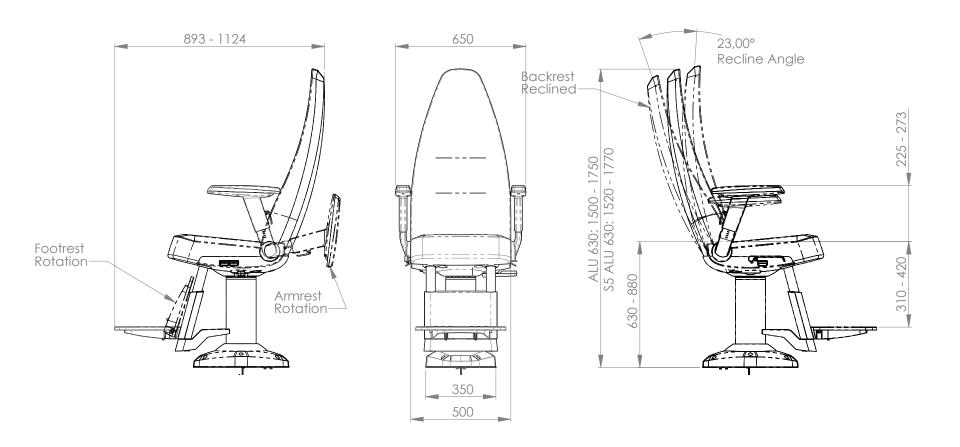
- Height adjustable and / or fixed armrests
- Flip back armrests
- Optional armrest attachments for control equipment and cup holders etc.

Column

- Cable routing is possible through the chair and centre column
- Shock absorbing column

- Pneumatic height adjustment of footrest
- Fold up footrest
- Footrest rotates with chair and is supported by the column for stability





BACKREST OPTIONS











ALUTECH 400/ 500

OP 300/600/600-5

S 5

ARMREST OPTIONS

FIXED HEIGHT



ADJUSTABLE HEIGHT



ADJUSTABLE HEIGHT



ALUTECH 300/ 400 & OP 300 ALUTECH 500/ 600-5 & OP 600-5

ALUTECH 600 & OP 600

OPL

SPECIFICATIONS



	Article number	Sitting height	Max width	Chair weight	Footrest	Office base (option)	Flatback (option)	HSC
0 0 9	320(420)	420 - 490mm	650mm	41(43) kg			Alutech 460	X
5 O P	325(425)	550 - 750mm	650mm	47(49) kg	Χ	Χ	Alutech 465	Χ
H, S.	330(430)	630 - 880mm	650mm	48(50) kg	X	X	Alutech 470	X
T E C H	340(440)	730 - 980mm	650mm	49(51) kg	X	Χ	Alutech 480	X
A L U T E C H 3 0 0 / 4 0 C	350(450)	830 -1030mm	650mm	50(52) kg	X	X	Alutech 490	X
	620	420 - 490mm	650mm	41(43) kg				X
	625	550 - 750mm	650mm	47(49) kg	X	X		X
	630	630 - 880mm	650mm	48(50) kg	Χ	Χ		Χ
	640	730 - 980mm	650mm	49(51) kg	X	X		X
	650	830 -1030mm	650mm	50(52) kg	X	Χ		X
0 0 9	620-5 (520)	420 - 490mm	710mm	43(43) kg			Alutech 560	X
5 O P	625-5 (525)	550 - 750mm	710mm	49(49) kg	X	Χ	Alutech 565	Χ
	630-5 (530)	630 - 880mm	710mm	50(50) kg	X	X	Alutech 570	X
ALUTECH, S 300/400/50	640-5 (540)	730 - 980mm	710mm	52(52) kg	X	Χ	Alutech 580	X
3 0 0 S	650-5 (550)	830 -1030mm	710mm	53(53) kg	X	X	Alutech 590	X

ALUTECH 200 LOW





DESIGN AND FEATURES

• Reclining backrest

Armrest

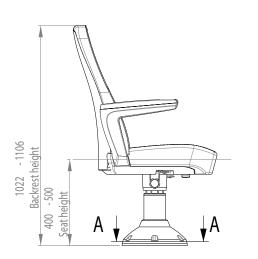
• Flip back armrests

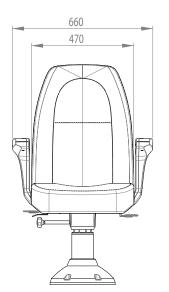
Column

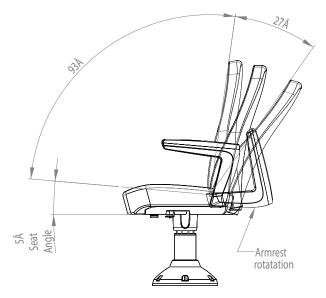
• Shock absorbing column

- Fold up footrest
- Footrest rotates with chair and is supported by the column for stability











OFFICE BASE

Seat	Sitting Height	Max width	Chair weight	Footrest	Flatback	HSC
Alutech 220	400 - 500mm	660mm	25 kg		Alutech 265	Χ
Alutech 230	550 - 750mm	660mm	28 kg	X	Alutech 270	Χ
Alutech 240	650 - 850mm	660mm	29 kg	X	Alutech 280	Χ
Alutech 250	750 - 950mm	660mm	30 kg	Χ	Alutech 290	Χ
Alutech 260	850 - 1050mm	660mm	31 kg	X	Alutech 295	X



SEAT TOP ONLY

ALUTECH 200



DESIGN AND FEATURES

• Reclining backrest

Armrest

• Flip back armrests

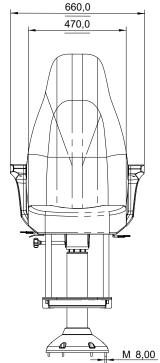
Column

• Shock absorbing column

- Fold up footrest
- Footrest rotates with chair and is supported by the column for stability











AVA	ILABI	LE AS	S FLA	TRA	CK





OP 10



DECLON AND FEATURES

• Reclining backrest

Armrest

• Flip back armrests

Column

- Shock absorbing column
- Chair rotates 360° and locks in any position

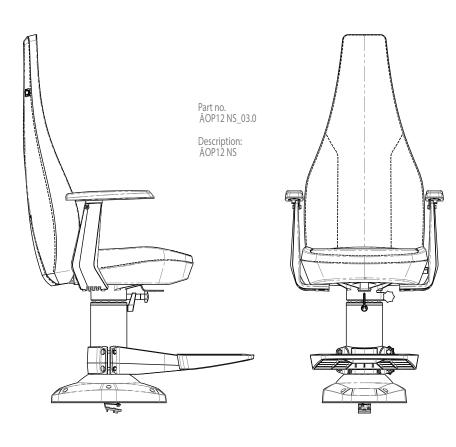
Footrest

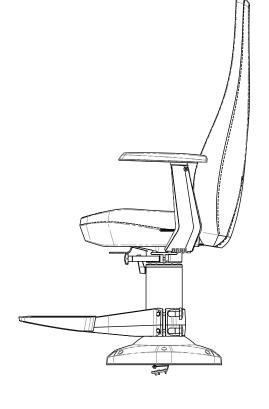
- With or without footrest
- Single or twin footrest
- Fold up footrest

• Optional seat slide (max 110mm)

Be seated.











OPTIONAL SLIDE

Pilot chair	Sitting Height	Max width	Chair weight	Footrest	Twin footrest	Seat slide	HSC
OP 10	420 - 490mm	650mm	43 kg			optional	X
OP 11	550 - 750mm	650mm	49 kg	Χ	Χ	optional	X
OP 12	630 - 880mm	650mm	50 kg	X	X	optional	×



TWIN FOOTREST OPTION

O P L



DESIGN AND FEATURES

• Reclining back rest

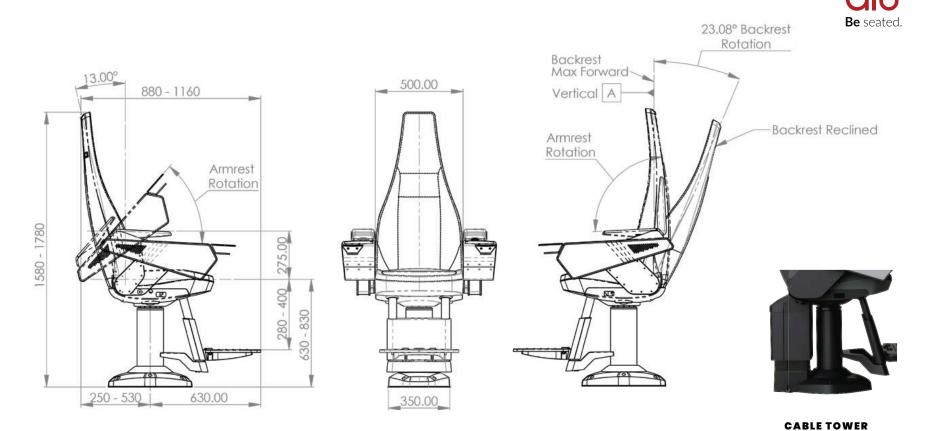
Armrest

- Flip back armrest
- Adjustable armrest top
- Optional armrest widths and attachments for control equipment and cup holders etc
- 355° rotation and locks in any position

Column

- Pneumatic adjustment of sitting height
- Shock absorbing base

- Pneumatic height adjustment of footrest
- Fold up footrest
- Footrest rotates with chair and is supported by the column for stability



Operator chair	Sitting height	Max width	Chair weight	Footrest
OPL 620	420 - 490mm	880mm	50 kg	
OPL 625	550 - 750mm	880mm	56 kg	Χ
OPL 630	630 - 880mm	880mm	57 kg	X
OPL 640	730 - 980mm	880mm	59 kg	Χ
OPL 650	830 -1030mm	880mm	60 kg	X



MISC PAD/MONITOR HOLDERS

OP 50



DESIGN AND FEATURES

• Reclining back rest

Armrest

- Adjustable armrest top
- Armrests are prepared for control equipment with cable routing through the arm, seat and and center column

Column

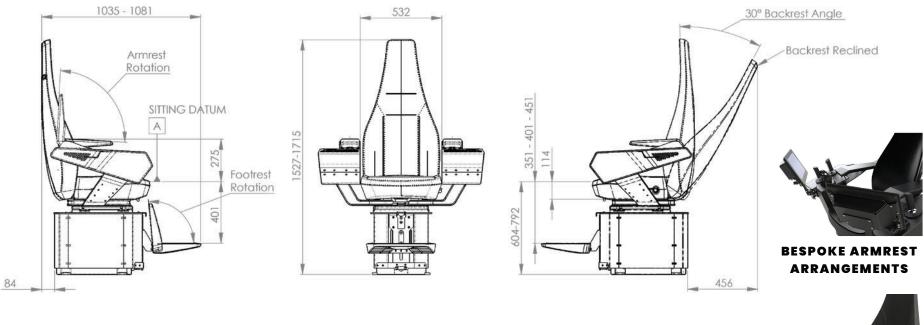
• Electrical adjustment of sitting height

Footrest

Fold up footrest

- Seat slide available
- · Concealed and protected cabling
- No welded parts
- Seat rotation
- 24V / 20 Amp





OP 50 & OP 60 ARE IDENTICAL, BUT WITH A DEEPER ARMTREST ON OP 60.



SUFFICIENT SPACE FOR CONTROLS

Operator chair	Sitting height	Max width	Chair weight	Footrest	HSC
OP 50	630 - 830mm	1082mm	118 kg	X	
OP 60	630 - 830mm	1082mm	122 kg	X	

S 5 - O P 0 1





A comfortable **office chair** suitable for 24hour operations with multiple ergonomic adjustments and with design expression as our Alutech and OP series.

DESIGN AND FEATURES

Armrest

- Armrest rotation
- Armrest adjustment forward and backward
- Armrest adjustment up and down

Column

- Seat adjustment forward backward
- Height adjustment
- Chair rotation
- Neck support integrated
- Seat recline
- Lumbar support adjustment

\$5-OP01 Special Features

- Hardback cover in high gloss black or grey. Optional colors available.
- Combination of genuine leather and Alcantara upholstery.
- Stitching with diamond shaped pattern in the sitting area"





OPTIONAL FOOTREST - OFFICE

O P 0 1





A comfortable **office chair** suitable for 24hour operations with multiple ergonomic adjustments and with design expression as our Alutech and OP series.

DESIGN AND FEATURES

Armrest

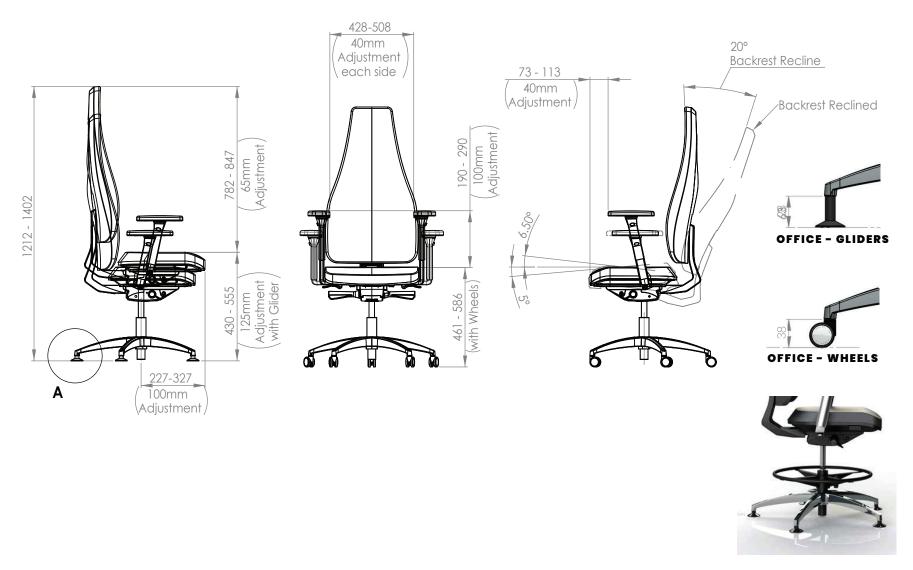
- Armrest rotation
- Armrest adjustment forward and backward
- Armrest adjustment up and down

Column

- Seat adjustment forward backward
- Height adjustment
- Chair rotation
- Neck support integrated

- Seat recline
- Lumbar support adjustment





OPTIONAL FOOTREST - OFFICE

3000 FC





- shock mitigation designed in 100% carbon.
 Suitable for Navy, Coast Guard and other
 vessels operating high speed in all
 weather conditions.
- The seat is designed for maximum protection and gives adequate support for safe and smooth travel.

DESIGN AND FEATURES

- Seat constructed from 100% carbon
- Grip handles on both sides
- Seat angle adjustable

Armrest

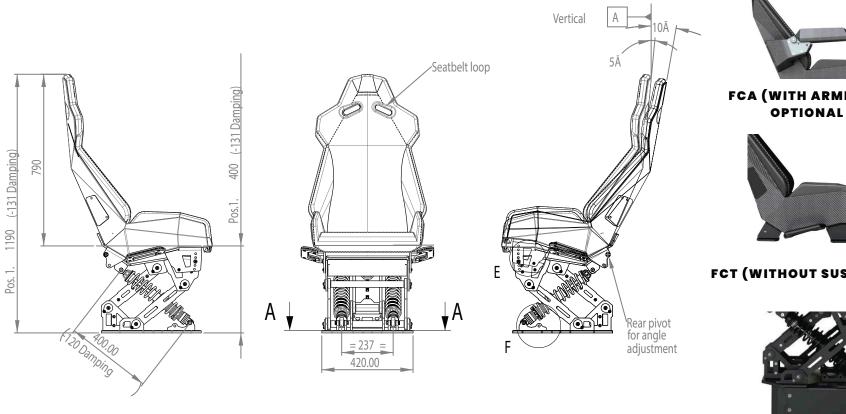
• Optional with armrest

• Optional with armrest attachments for control equipment

Column

- Optional base available
- Mounting base with custom made height available







FCA (WITH ARMREST)



FCT (WITHOUT SUSPENSION)



MOUNTING BASE WITH CUSTOM MADE HEIGHT

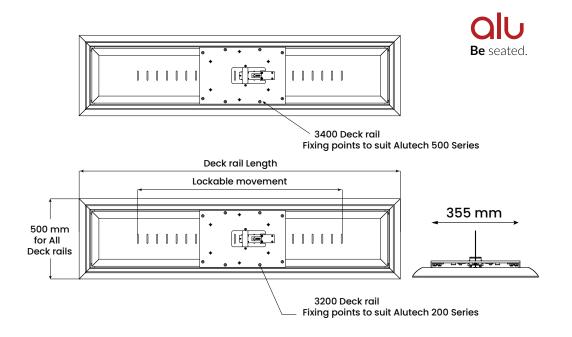
ALUTECH 3200/3400 SURFACE MOUNT

MANUALLY OPERATED DECK RAILS



DESIGN AND FEATURES

- Simple to install
- Low weight
- Alutech 3200 and 3400 utilises a low friction stainless steel ball-bearing rail system that enables easy movement
- Alutech 3200 and 3400 braking system is controlled from the chair and easily locks the wagon in place



Available in 4 different lengths, or made-to-fit, this deck rail series is surface mounted and designed for use with any of the Alutech 200, 300, 400, 500 or 600 chair types. Available in required lengths.

Deck rail for 200 to 600 Chair Series	Deck rail Length	Maximum Deck rail Height (With / Without wagon)	Maximum Movement of Wagon	Deck rail Weight	HSC Code
Alutech 3200 / 3400	1500 mm	65 mm / 38 mm	815 mm	27 kg	12 g
Alutech 3205 / 3405	2000 mm	65 mm / 38 mm	1315 mm	33.5 kg	12 g
Alutech 3210 / 3410	2500 mm	65 mm / 38 mm	1815 mm	40 kg	12 g
Alutech 3215 / 3415	3000 mm	65 mm / 38 mm	2315 mm	47 kg	12 g
Alutech 32XX / 34XX	on request		TBA	TBA	12 g

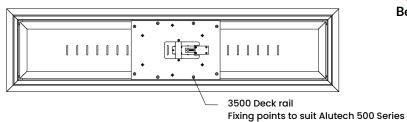
ALUTECH 3300/3500 FLUSH MOUNT

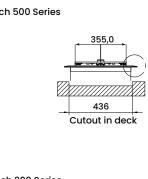
MANUALLY OPERATED DECK RAILS

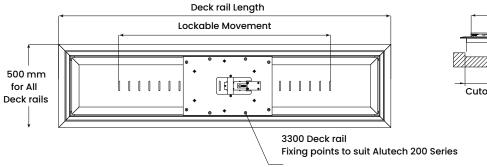




- Simple to install
- Low weight
- Alutech 3200 and 3400 utilises a low friction stainless steel ball-bearing rail system that enables easy movement.
- · Alutech 3200 and 3400 braking system is controlled from the chair and easily locks the wagon in place







Available in 4 different lengths, or made-to-fit, this deck rail series is surface mounted and designed for use with any of the Alutech 200, 300, 400, 500 or 600 chair types. Available in required lengths.

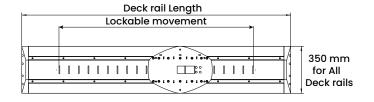
Deck rail for 200 to 600	Deck rail Length	Maximum Deck rail Height	Maximum Movement of Wagon	Deck rail Weight	HSC Code
Alutech 3300 / 3500	1500 mm	35 mm / 8 mm	815 mm	27 kg	12 g
Alutech 3305 / 3505	2000 mm	35 mm / 8 mm	1315 mm	33.5 kg	12 g
Alutech 3310 / 3510	2500 mm	35 mm / 8 mm	1815 mm	40 kg	12 g
Alutech 3315 / 3515	3000 mm	35 mm / 8 mm	2315 mm	47 kg	12 g
Alutech 33xx / 35xx	on request	35 mm / 8 mm	TBA	TBA	12 g

ALUTECH 4000 SURFACE MOUNT

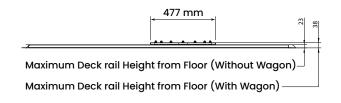
MANUALLY OPERATED DECK RAILS







Please Note: Fastening holes are indicative only and correct positions will be supplied on AC drawings





DESIGN AND FEATURES

- Simple to install
- Low weight
- Alutech 4000 utilises a low friction stainless steel ball-bearing rail system that enables easy movement.
- Alutech 4000 braking system is controlled from the chair and easily locks the wagon in place

Available in 4 different lengths as standard, or made-to-fit, these deck rail series are surface mounted and designed for use with any of the Alutech 300, 400, 500 or 600 chair types.

Deck rail for 300 to 600 Chair Series	Deck rail Length	Maximum Deck rail Height (With / Without wagon)	Maximum Movement of Wagon	Deck rail Weight
Alutech 4000	1000 mm	38 mm / 23 mm	460 mm	18 kg
Alutech 4005	1500 mm	38 mm / 23 mm	960 mm	21.5 kg
Alutech 4010	2000 mm	38 mm / 23 mm	1460 mm	25 kg
Alutech 4015	2500 mm	38 mm / 23 mm	1960 mm	28.5 kg
Alutech 4020	3000 mm	38 mm / 23 mm	2460 mm	32 g

ALUTECH 4100 FLUSH MOUNT

MANUALLY OPERATED DECK RAILS

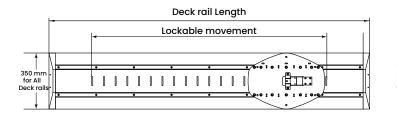




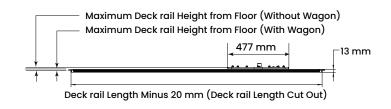
DESIGN AND FEATURES

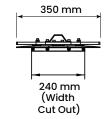
- Simple to install
- Low weight
- Alutech 4100 utilises a low friction stainless steel ball-bearing rail system that enables easy movement.
- Alutech 4100 braking system is controlled from the chair and easily locks the wagon in place.





Please Note: Fastening holes are indicative only and correct positions will be supplied on AC drawings





Available in 4 different lengths as standard, or made-to-fit, these deck rail series are flush mounted and designed for use with any of the Alutech 300, 400, 500 or 600 chair types.

Deck rail for 300 to 600 Chair Series	Deck rail Length	Maximum Deck rail Height (With / Without wagon)	Maximum Movement of Wagon	Deck rail Weight
Alutech 4100	1000 mm	23 mm / 8 mm	460 mm	18 kg
Alutech 4105	1500 mm	23 mm / 8 mm	960 mm	21.5 kg
Alutech 4110	2000 mm	23 mm / 8 mm	1460 mm	25 kg
Alutech 4115	2500 mm	23 mm / 8 mm	1960 mm	28.5 kg
Alutech 4120	3000 mm	23 mm / 8 mm	2460 mm	32 kg

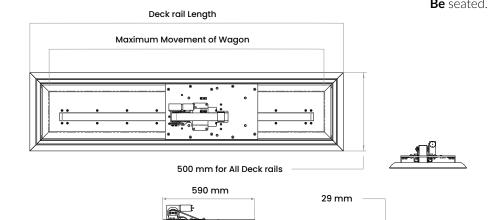
ALUTECH 3900 SURFACE MOUNT

ELECTRIC OPERATED DECK RAILS





- Surface mounted
- Simple to install
- · Low weight
- Note that this deck rail does not have arrangement for cable routing!
- 24V / 20 Amp



Available in 4 different lengths as standard, or made-to-fit, these deck rail series are surface mounted and designed for use with any of the Alutech 300, 400, 500 or 600 chair types.

Length of Deck rail Minus 84 mm

Deck rail for 300 to 600 Chair Series	Deck rail Length	Maximum Deck rail Height (With / Without wagon)	Maximum Movement of Wagon	Electrical Operated Voltage 24 V / 20 AMP (minimum)	Deck rail Weight	HSC Code
Alutech 3900	1500 mm	65 mm / 38 mm	767 mm	Yes	37 kg	12 g
Alutech 3905	2000 mm	65 mm / 38 mm	1267 mm	Yes	43 kg	12 g
Alutech 3910	2500 mm	65 mm / 38 mm	1767 mm	Yes	50 kg	12 g
Alutech 3915	3000 mm	65 mm / 38 mm	2267 mm	Yes	57 kg	12 g

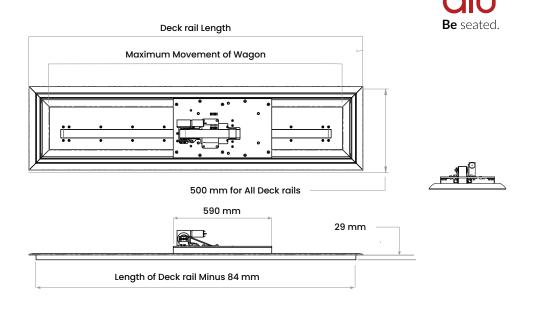
ALUTECH 3950 FLUSH MOUNT

ELECTRIC OPERATED DECK RAILS





- Flush mounted
- Simple to install
- · Low weight
- Note that this deck rail does not have arrangement for cable routing!
- 24V / 20 Amp



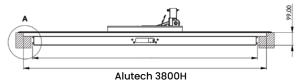
Available in 4 different lengths as standard, or made-to-fit, these deck rail series are flush mounted and designed for use with any of the Alutech 300, 400, 500 or 600 chair types

Deck rail for 300 to 600 Chair Series	Deck rail Length	Maximum Deck rail Height (With / Without wagon)	Maximum Movement of Wagon	Electrical Operated Voltage 24 V / 20 AMP (minimum)	Deck rail Weight	HSC Code
Alutech 3950	1500 mm	35 mm / 8 mm	767 mm	Yes	37 kg	12 g
Alutech 3955	2000 mm	35 mm / 8 mm	1267 mm	Yes	43.5 kg	12 g
Alutech 3960	2500 mm	35 mm / 8 mm	1767 mm	Yes	50 kg	12 g
Alutech 3965	3000 mm	35 mm / 8 mm	2267 mm	Yes	57 kg	12 g

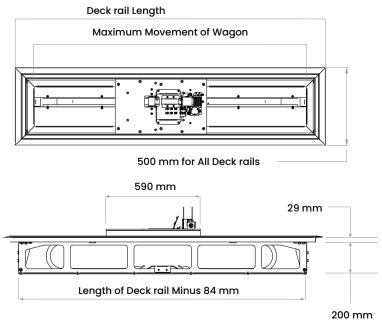
ALUTECH 3800/3800-H FLUSH MOUNT

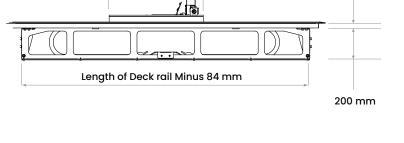
ELECTRIC OPERATED DECK RAILS





- Electrically driven movement
- push button control
- Cable routing from the chair to flexible cable tray in the deck rail for optimal protection of cables
- Low friction stainless steel rail system for easy and reliable movement of the chair and operator
- Chair stops automatically if it encounters an obstacle
- 24V / 20 Amp





This electrical operated deck rail is flush mounted and suitable in connection with Alutech 300, 400, 500, 600 and OPL series.

	Deck rail	Deck rail Length	Maximum Deck rail Height (With / Without wagon)	Maximum Movement of Wagon	Electric Operated Voltage 24 V / 20 AMP (minimum)	Deck rail Weight
	Alutech 3800	1500 mm	65 mm / 38 mm	767 mm	Yes	40 kg
	Alutech 3805	2000 mm	65 mm / 38 mm	1267 mm	Yes	48 kg
	Alutech 3810	2500 mm	65 mm / 38 mm	1767 mm	Yes	57 kg
	Alutech 3815	3000 mm	65 mm / 38 mm	2267 mm	Yes	65 kg

ACCESSORIES



BESPOKE SOLUTIONS



Not all seating requirements are exactly the same; hence Alu Design offers a wide variety of custom built products. We pride ourselves in working closely with our clients to produce unique and innovative design solutions that can fulfll the most complex of user needs.



NORWEGIAN ELECTRIC SYSTEMS AS







KONGSBERG MARITIME

"RAVEN INS"

"COMMANDER"

"K-MASTER"

BESPOKE SOLUTIONS



All these internationally renowned companies use products developed by Alu Design.



Alongside its high-tech operator and pilot chairs for the marine and offshore industry, Alu Design also creates advanced seats for simulators for training purposes.

ALU DESIGN IN MOVIES





STAR TREK

GODZILA King ## monsters

ALU DESIGN IN MOVIES





TRANSFORMERS

AGE OF EXTINCTION

REYNOLOS JACKSON HAYEK BANDERAS FREEMAN

HITMAN'S WIFE'S BODYGUARD

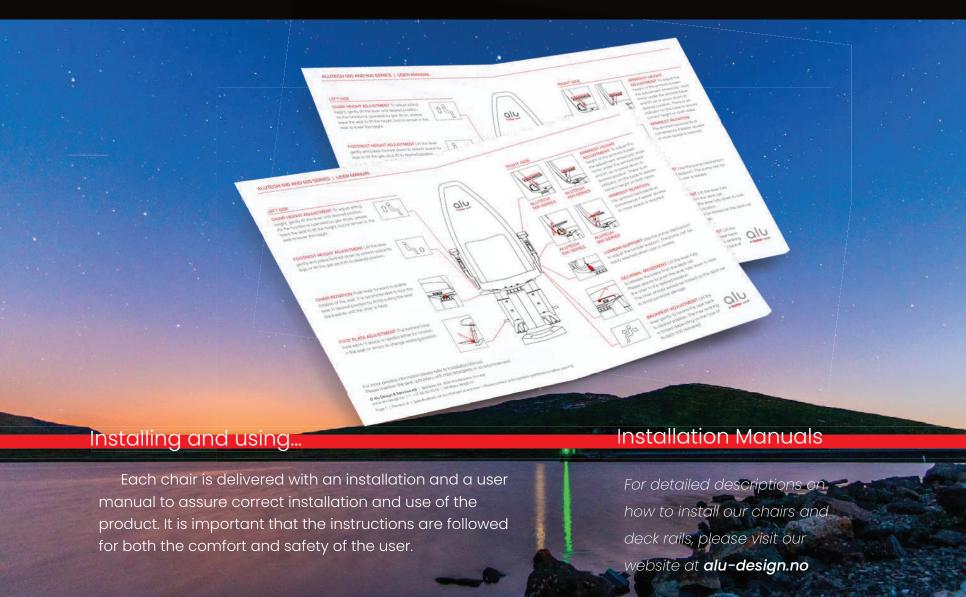


Our very own OP series, featured in the hit Hollywood movie "Hitman's Wife's Bodyguard" starring Salma Hayek, Ryan Reynolds, Samuel L. Jackson, Antonio and Morgan Freeman.

ALU jumped at the opportunity of imprinting the big screen with cutting-edge design. Onboard the super-yacht, amongst the most intense scenes, the OP chair adds composure and class.

You cannot miss the OP series chairs' futuristic play.

USING THE CHAIR





alu-design.no

Please use the QR code to connect to our website.

General Contact

info@alu-design.no alu-design.no/contact



Agents

Our company is represented around the world by professionals. Please see contact details on our web for more information.

References

Our products are found onboard all types of marine vessels worldwide.

Check the long list of references on our website!



TRUSTED TO PERFORM

Alu Design is a recognized leader in the global marketplace, providing high specification and quality products to all segments of the dynamic maritime industry. We cater for the needs of individual yards and owners, satisfying individual demands with a uniform commitment to design, manufacturing and long-term performance standards.



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S. E. & O.

BECAUSE OF CONTINUED PRODUCT IMPROVEMENT, WE RESERVE THE RIGHT TO MAKE CHANGES. SPECIFICATION CAN BE CHANGED AT ANY TIME. PLEASE CONTACT US FOR UPDATED SPECIFICATIONS BEFORE ORDERING.