



alu

captains' seats of choice

PRODUCT GUIDE

S 12

BUILT TO PERFORM. BUILT TO LAST

COURTESY OF KONGSBERG MARITIME AS

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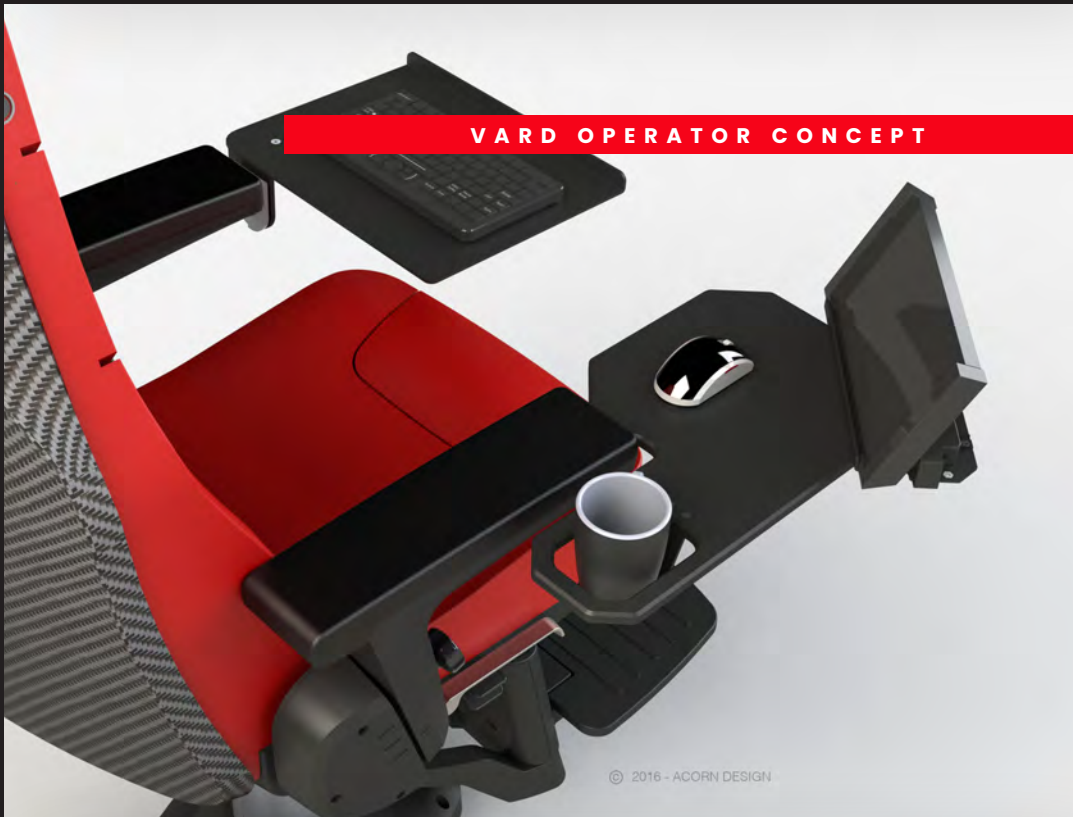
Our quality, design and comfort are second to none. However, continual investment in modern manufacturing techniques and smart product development mean we can offer them at a price that's right.

No one else combines usability, functionality and innovation with this level of comfort. Our ergonomic expertise allows us to create chairs that become a seamless extension of the user.

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THINK FUTURE VALUE

VARD OPERATOR CONCEPT



THINK FUTURE DESIGN

The starting point for any Alu Design chair is the end user. Our understanding of their industry and its challenges helps us put the operator in the driving seat - creating efficient and intuitive working environments.

THINK FUTURE COMFORT

THE FUTURE OF CHAIR DESIGN

Chairs are the centre of the maritime world. They're where operations are conducted, decisions made and goals achieved. Good chairs provide good working environments. Bad chairs cause fatigue, discomfort and unacceptable performance. Alu Design makes the market's leading maritime seating. Chairs that set new standards in design, comfort, build quality and value. Our seats provide the best possible working environments, allowing operators to excel.

THINK FUTURE QUALITY

In an industry that is as dynamic as it is demanding, our customers have the certainty of knowing that their Alu Design chairs will deliver optimum performance far into the future.

CHAIR CRITERIA

TYPE OF VESSEL

1

OPERATING LOCATION

(North sea vs inland shallow water)

2

CLIENT DEMANDS

HSC (High Speed Vessel)
or other certification.

3

EQUIPMENT

4

MOUNTING TYPE

Chair on deck rail or floor mounted

5

CHAIR TYPES

ALUTECH

STANDARD
PRODUCTS

OP

CUSTOMIZABLE
OPERATOR SEATS
can be loaded with
equipment

S12

COMPLETE
OPERATOR SEAT
complete series of chairs
and deck rails

ALUTECH & OP 300 / 400 / 500 & 600



■ The Alutech and OP series have user focused design enhancements with high quality construction and unbeatable comfort.

■ Tested to 12g according to HSC, 2000 - Annex 10, as stand-alone or in combination with Alutech deck rails, these chairs offer a robust and stable seating experience in all conditions.

DESIGN AND FEATURES

Armrest

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

Column

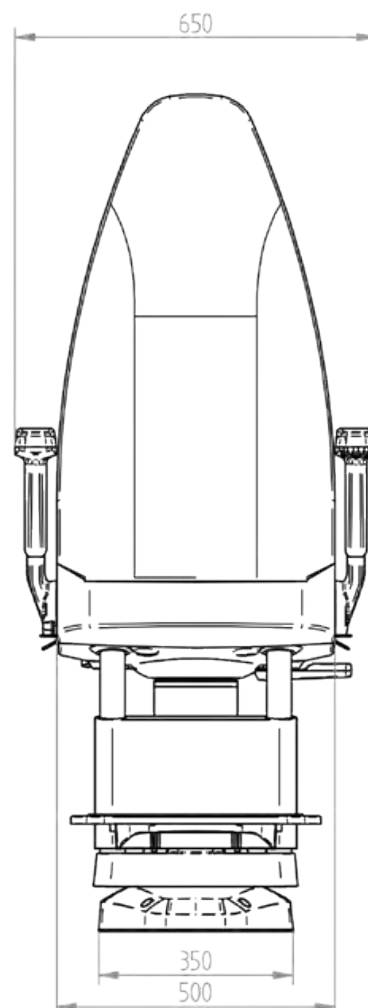
- Cable routing through the chair and centre column
- Pneumatic adjustment of sitting height
- Shock absorbing column
- Adjustable lumbar support as standard
- Chair rotates 355° and locks in any position

Footrest

- Pneumatic height adjustment of footrest
- Fold up footrest
- Footrest rotates with chair and is supported by the column for stability
- No direct metal to metal contact
- No welded parts
- Constructed with pressure die cast and injection moulded parts, and extruded profiles.
- Powder coat colour: **Metal Grey or RAL 90005 (Black)**



REV	REVISION DESCRIPTION	DATE



BACKREST OPTIONS



ALUTECH 300/ 600/ 600-5



ALUTECH 400/ 500



OP 300/ 600/ 600-5

ARMREST OPTIONS

FIXED HEIGHT



ALUTECH 300/ 400 & OP 300

ADJUSTABLE HEIGHT



ALUTECH 500/ 600-5 & OP 600-5

ADJUSTABLE HEIGHT



ALUTECH 600 & OP 600

SPECIFICATIONS

	Article number	Sitting height	Max width	Chair weight	Footrest	Office base (option)	Flatback (option)	HSC
ALUTECH & OP 300 (ALUTECH 400)	320(420)	420 - 490mm	650mm	41(43) kg			Alutech 460	x
	325(425)	550 - 750mm	650mm	47(49) kg	x	x	Alutech 465	x
	330(430)	630 - 880mm	650mm	48(50) kg	x	x	Alutech 470	x
	340(440)	730 - 980mm	650mm	49(51) kg	x	x	Alutech 480	x
	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	x	x		x
	640	730 - 980mm	650mm	49(51) kg	x	x		x
	650	830 -1030mm	650mm	50(52) kg	x	x		x
ALUTECH 600 - & OP 600-5 (ALUTECH 500)	620-5 (520)	420 - 490mm	710mm	43(43) kg			Alutech 560	x
	625-5 (525)	550 - 750mm	710mm	49(49) kg	x	x	Alutech 565	x
	630-5 (530)	630 - 880mm	710mm	50(50) kg	x	x	Alutech 570	x
	640-5 (540)	730 - 980mm	710mm	52(52) kg	x	x	Alutech 580	x
	650-5 (550)	830 -1030mm	710mm	53(53) kg	x	x	Alutech 590	x

ALUTECH 200 LOW



■ *The Alutech 200 standard chair is a light solution suitable for smaller vessels.*

DESIGN AND FEATURES

- Reclining backrest

Armrest

- Flip back armrests
- Easily removable armrest top

Column

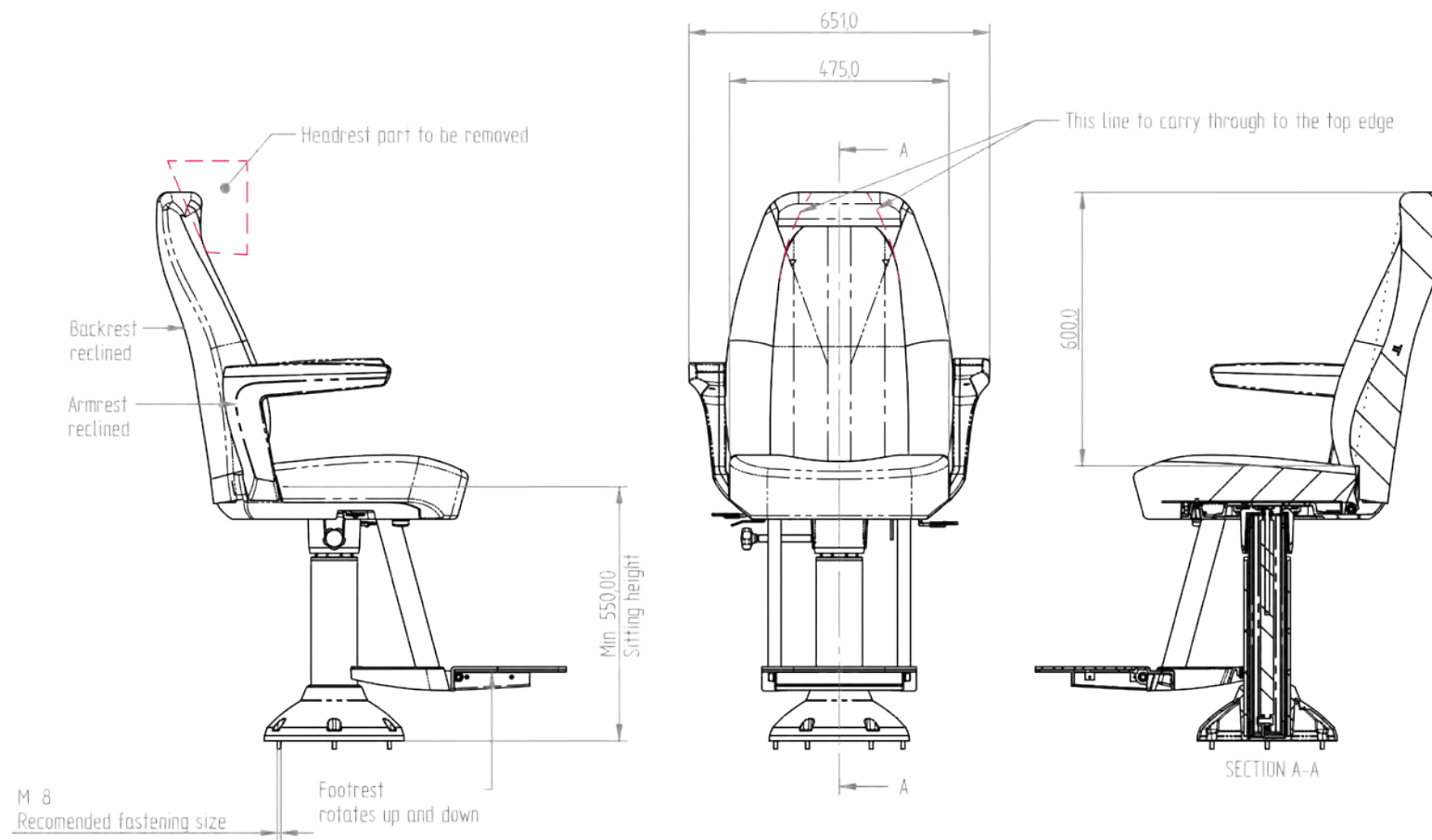
- Pneumatic height adjustment
- Shock absorbing column
- Chair rotates 360° and locks in any position

Footrest

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

- No direct metal to metal contact
- Constructed with pressure die cast, injection moulded parts and extruded profiles.
- No welded parts
- Powder coat colour: **Metal Grey or RAL9005(black)**

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OPTIONS



OFFICE BASE



CHAIR EXCLUSIVE BASE



AVAILABLE AS FLATBACK

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ALUTECH 200 LOW

SPECIFICATIONS

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

ALUTECH 200



■ The Alutech 200 chair is a light solution suitable for smaller vessels.

DESIGN AND FEATURES

- Reclining backrest

Armrest

- Flip back armrests
- Easily removable armrest top

Column

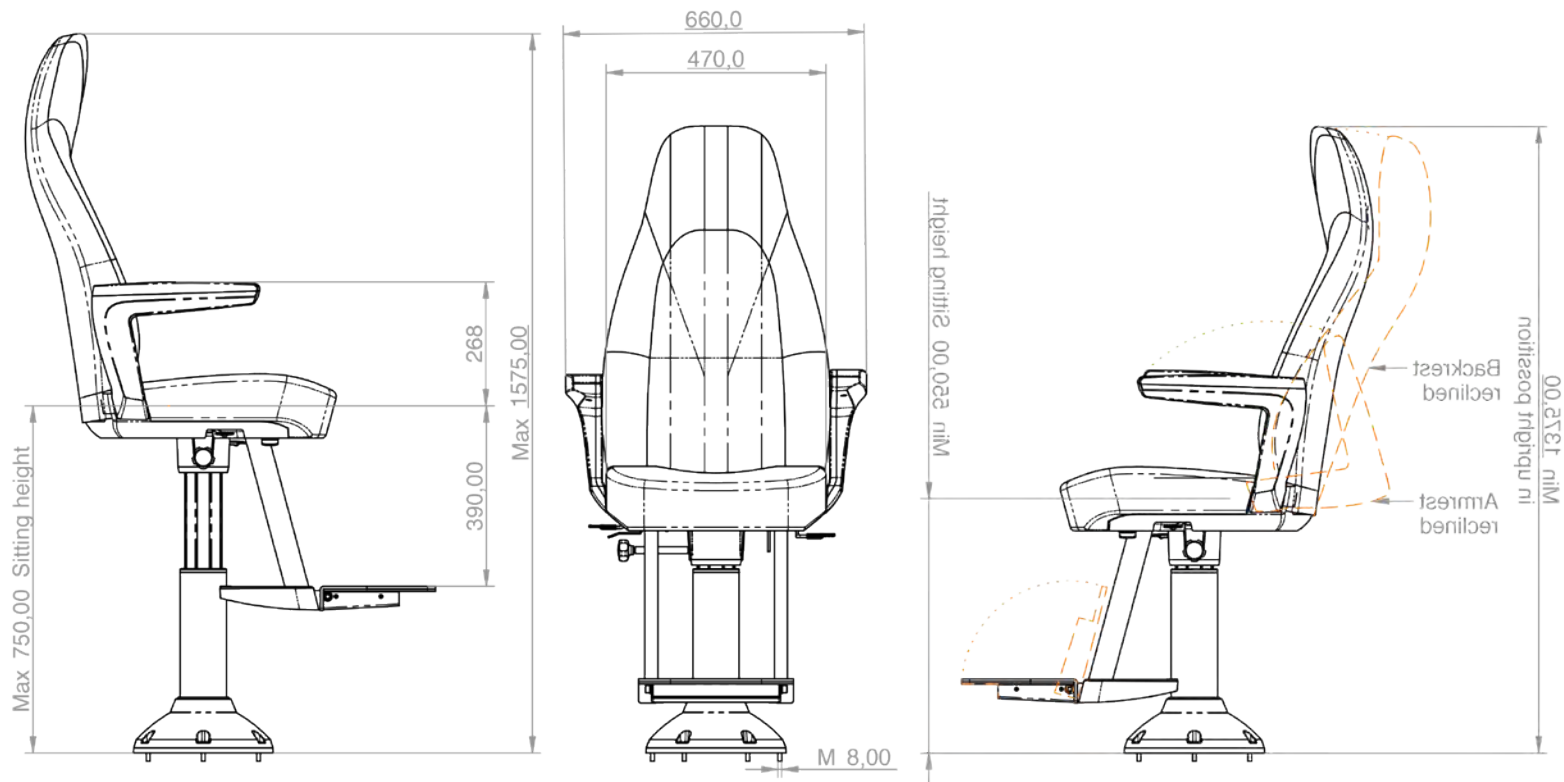
- Pneumatic height adjustment
- Shock absorbing column
- Chair rotates 360° and locks in any position

Footrest

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

- No direct metal to metal contact
- Constructed with pressure die cast, injection moulded parts and extruded profiles.
- No welded parts
- Powder coat colour: **Metal Grey or RAL9005(black)**

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OPTIONS

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OFFICE BASE



CHAIR EXCLUSIVE BASE



AVAILABLE AS FLATBACK

ALUTECH 200

SPECIFICATIONS

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

OP 12



- *OP 12 is based on our Alutech & OP 300/600 series with the same seating comfort and approvals. This model is supplied with reclining backrest, fixed armrests and height adjustable footrest (single or twin).*
- *If installed on a deck rail, the OP 12 has an integrated deck rail release solution for quick and easy installation.*

DESIGN AND FEATURES

- Reclining backrest

Armrest

- Flip back armrests
- Easily removable armrest top

Column

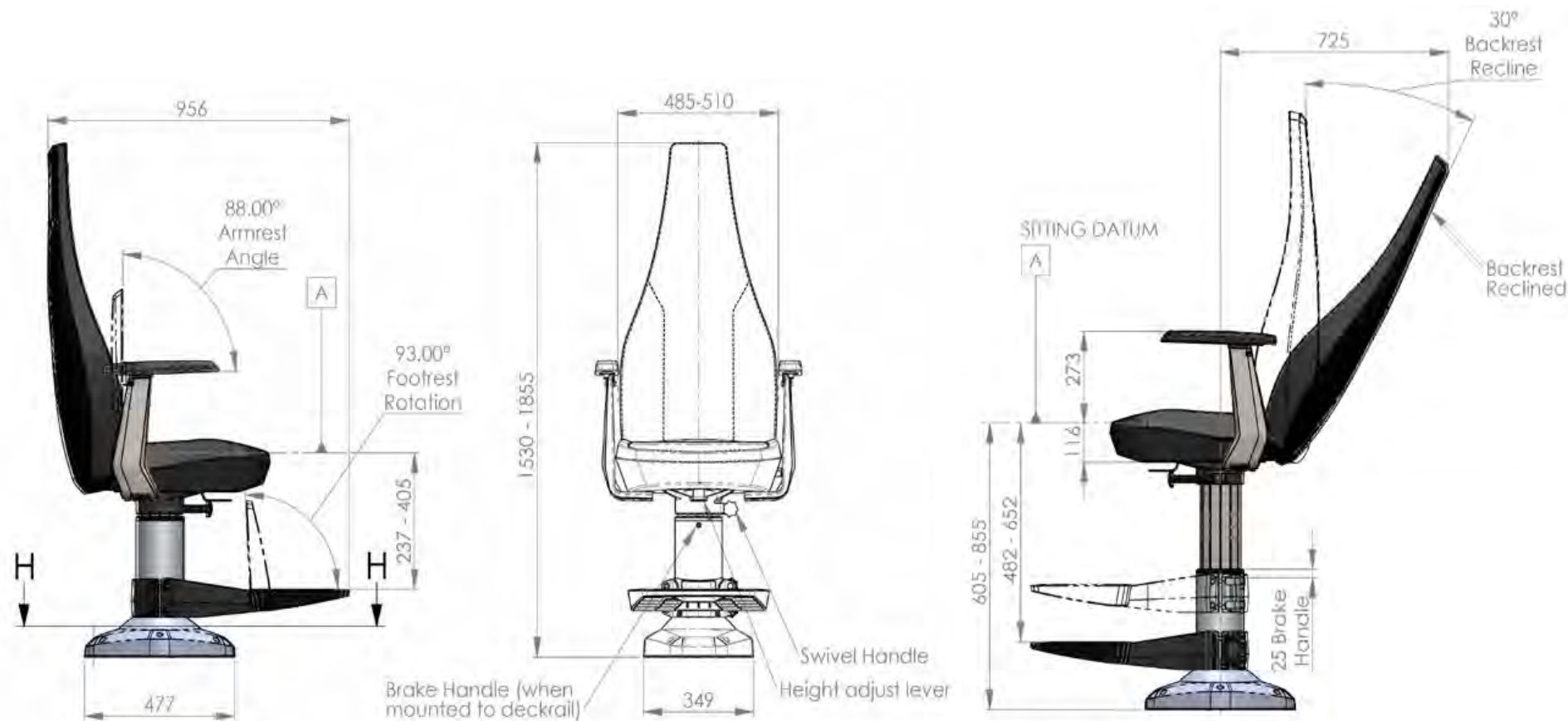
- Pneumatic height adjustment
- Shock absorbing column
- Chair rotates 360° and locks in any position

Footrest

- With or without footrest
- Single or twin footrest
- Fold up footrest
- Footrest rotates with chair and is supported by the column for stability

- Optional seat slide (max 110mm)
- No direct metal to metal contact
- Constructed with pressure die cast, injection moulded parts and extruded profiles.
- No welded parts
- Powder coat colour: **Metal Grey or RAL9005(black)**

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OPTIONS

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**DECK RAIL RELEASE
HANDLE UNDER SEAT**



OPTIONAL SLIDE



TWIN FOOTREST OPTION

SPECIFICATIONS

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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	x	x	optional	x
OP 12	630 - 880mm	650mm	50 kg	x	x	optional	x



■ 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

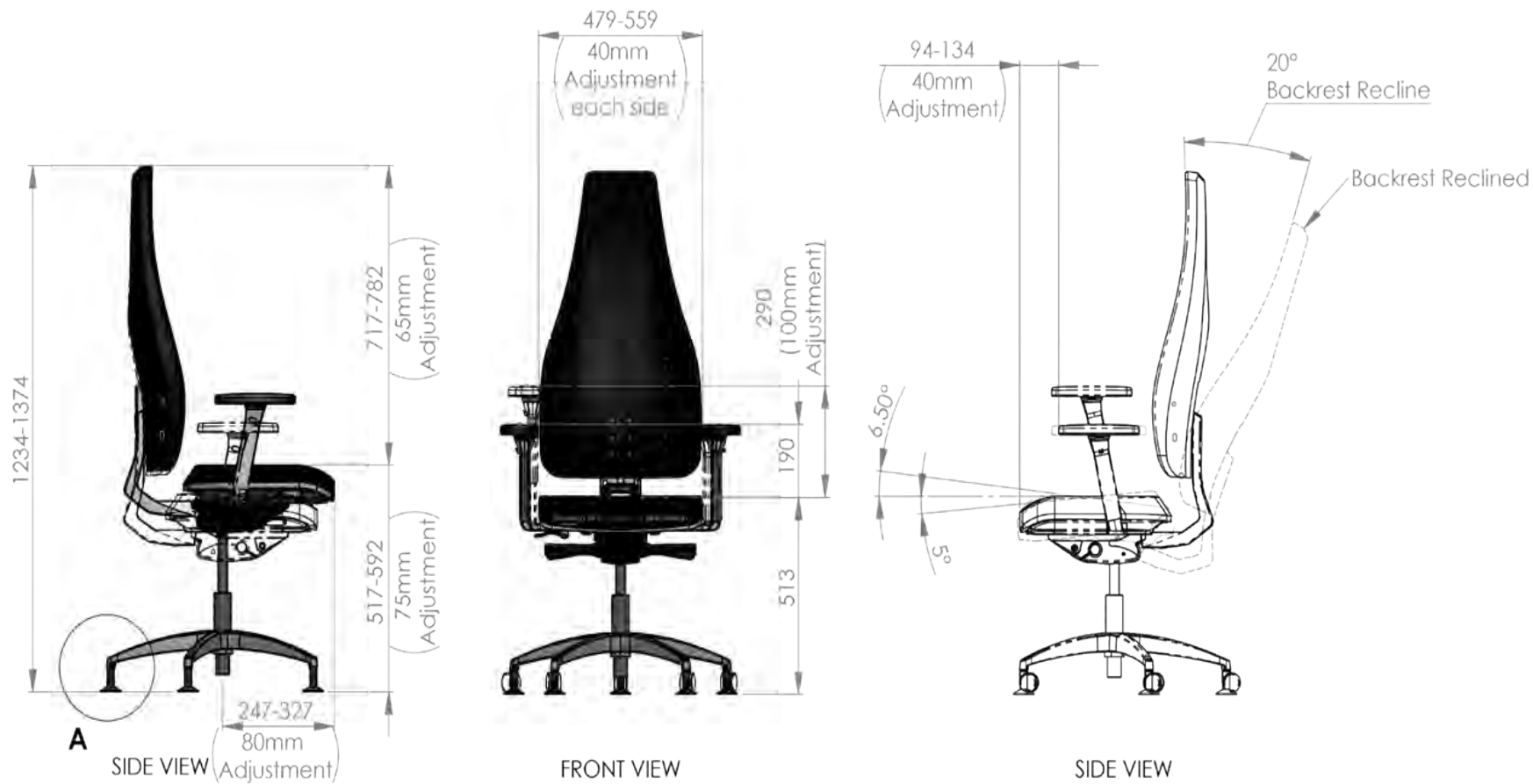
Armrest

- 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
- Seat pivot – self regulating
- Lumbar support adjustment
- Optional glides or casters



OPTIONS

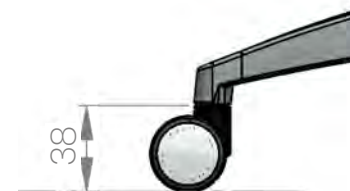
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OPTIONAL FOOTREST - OFFICE



OFFICE - GLIDERS



OFFICE - WHEELS

SPECIFICATIONS

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Office chair	Sitting Height	Max width	Chair weight	Wheels or gliders	Footrest (ring)
OP 01	510 - 585mm	560mm	23 kg	optional	optional

O P L



■ OPL is a “small” operator chair based on our Alutech 600 or OP 600 series arranged for armrest mounted equipment such as monitors, control buttons etc. Cables are concealed in the armrest and chair column for max protection. A cable tower is available in cases where large amount of cables are used.

DESIGN AND FEATURES

- Reclining back rest

Armrest

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

Column

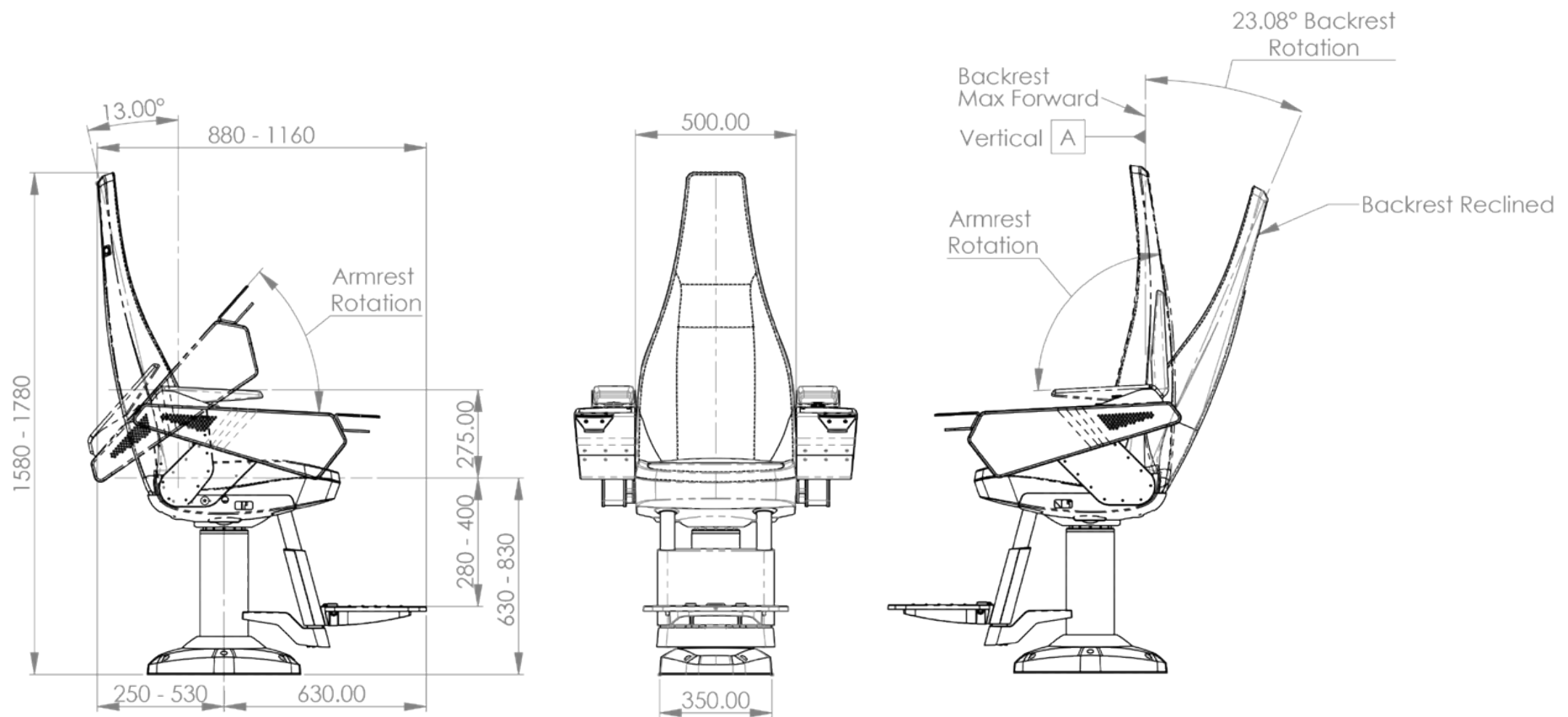
- Pneumatic adjustment of sitting height
- Shock absorbing base
- Adjustable lumbar support

Footrest

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

- Separate cable tower is optional in case large amount of cables
- No direct metal to metal contact
- No welded parts
- Constructed with pressure die cast, injection moulded parts and extruded profiles.
- Powder coat colour: RAL 9005 (Black)

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OPTIONS

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CABLE TOWER



OPTIONAL BASE: OPL OFFICE



MONITOR HOLDER

SPECIFICATIONS

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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	x
OPL 650	830 -1030mm	880mm	60 kg	x

OP 50 / OP 60



■ OP 50 & OP 60 is an “all in” chair suitable for DP, ROV, crane or other demanding operations. The armrests are made according to customer requirements.

■ The OP chairs are el operated and are suitable either as “stand alone” units or installed on Alutech electric operated deck rails.

DESIGN AND FEATURES

- Reclining back rest

Armrest

- Flip back armrest
- Adjustable armrest top

Column

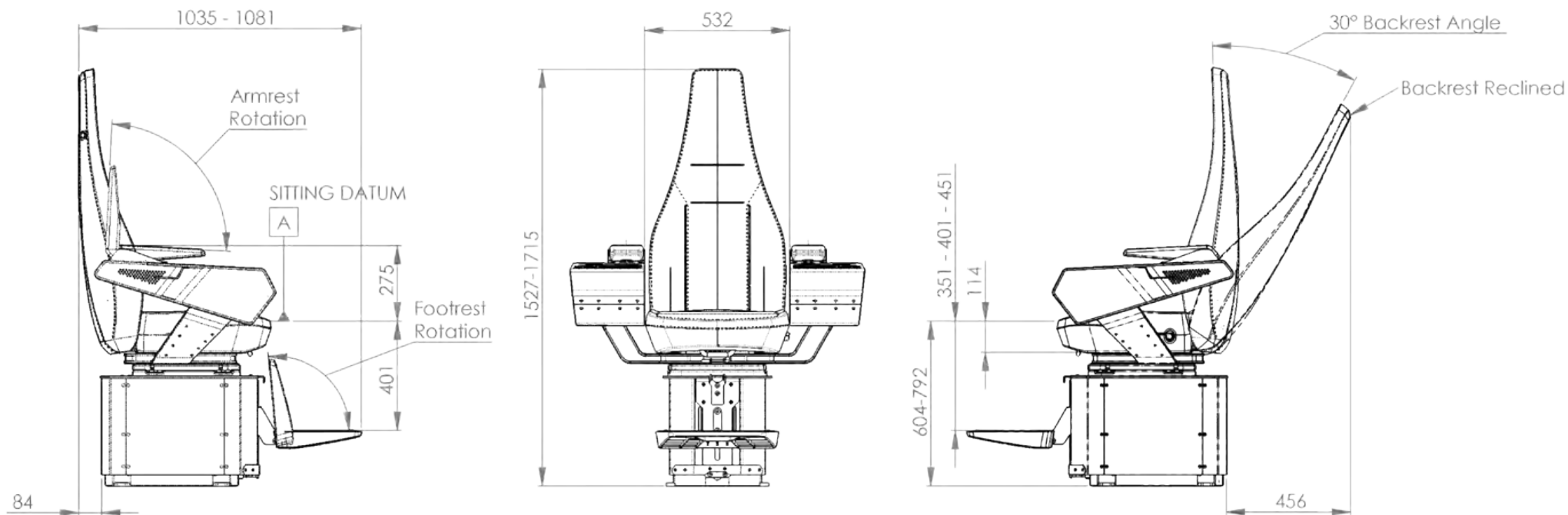
- Adjustable lumbar support
- Electrical adjustment of sitting height
- Shock absorbing base

Footrest

- Pneumatic height adjustment of footrest
- Fold up footrest

- Seat slide available
- Concealed and protected cabling
- Constructed with pressure die cast, injection moulded parts and extruded profiles.
- No welded parts
- Powder coat colour: RAL 9005 (Black)

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OPTIONS

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OP50 CONTROL BOX



JOYSTICK & MONITOR HOLDER



FIXED BASE

SPECIFICATIONS

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

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	

3000 FC



■ 3000 FC is a shock mitigation seat designed in 100% carbon. The seat is suitable for Navy, coast guard and other vessels which operates on 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

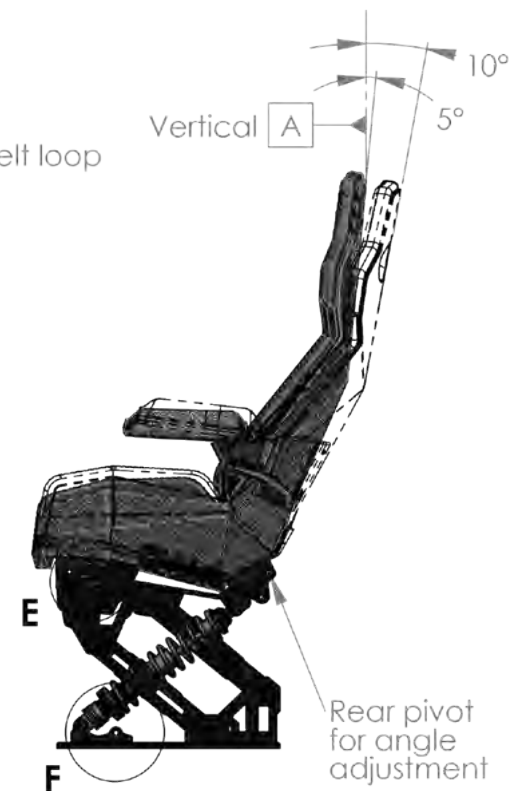
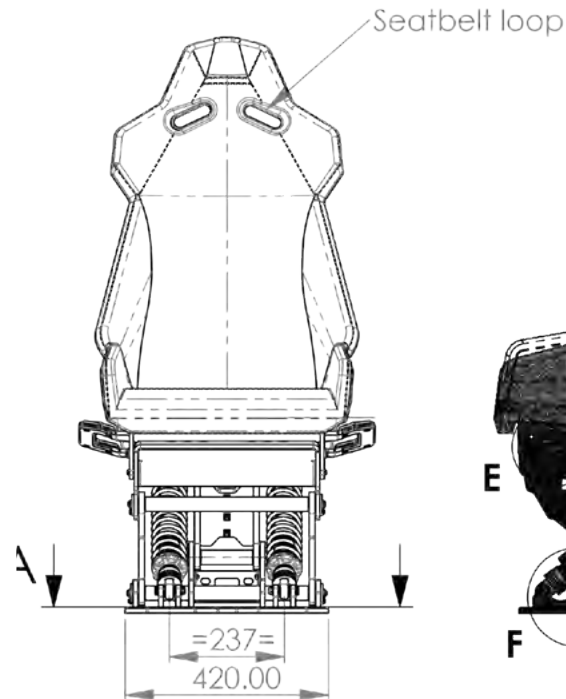
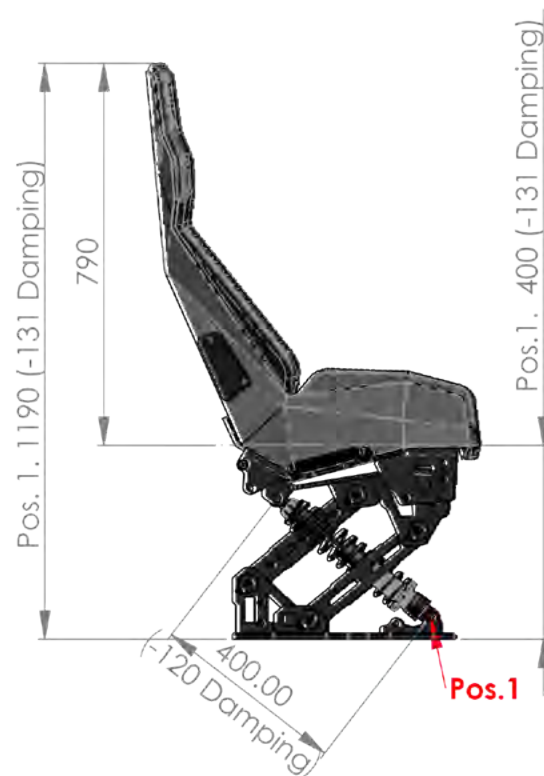
- Optional with armrest
- Optional with armrest attachments for control equipment

Column

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

- Powder coat colour RAL 9005 (Black)

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OPTIONS

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**FCA (WITH ARMREST)
OPTIONAL**



**MOUNTING BASE WITH
CUSTOM MADE HEIGHT**



FCT (WITHOUT SUSPENSION)

SPECIFICATIONS

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Features and options	Grip handle	Arm-rest	Flip back-armrest	Armrest attachments for control equipment	Height adjustment - 2 levels	Seat tilt	Rail
s = std o = option	s	o	o	o	s	s	o

Shock absorption	Pneumatic suspension	3-point safety belt	4-point safety belt	Seat only	Document pocket	Fixed on pre-made box
s	o	o	o	o	s	o

ALUTECH 200 LOW**ALUTECH 200****ALUTECH 300****ALUTECH 600****OP 600****ALUTECH 600-5****OPL****OP 01****OP 1600****OP 12****3000 FC****3000 FCBA****OP 60**

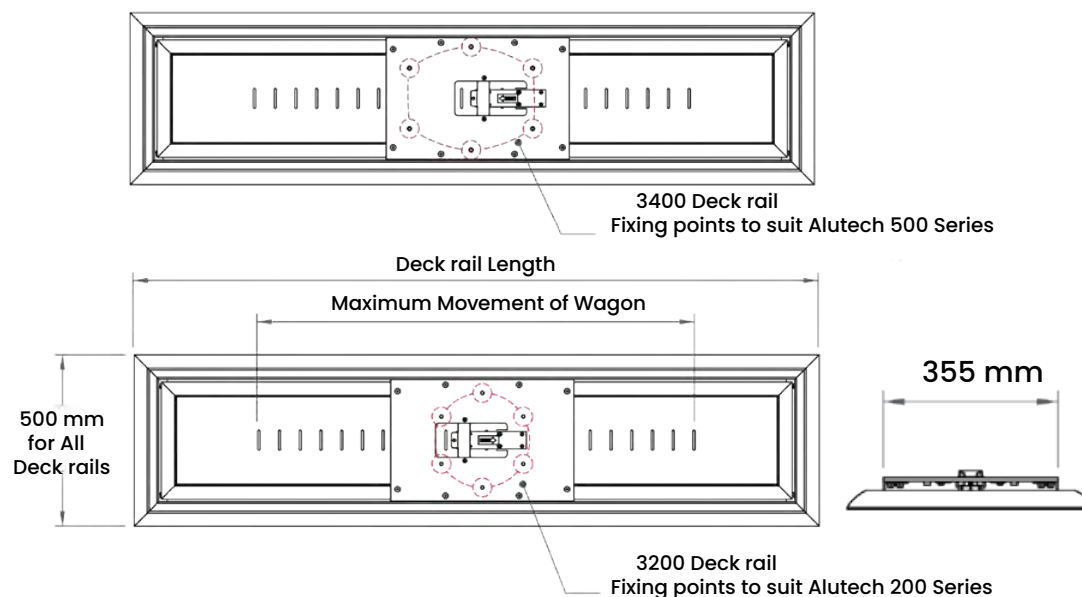
FEATURES AND OPTIONS	s = std o = option	Alutech 200	Alutech 300 / 400 & OP 300	Alutech 500 / 600 & OP 600	Alutech 600-5 & OP 600-5	OP 12	OPL 600	OPL 600-CT	OP 50 & OP 60
Height adjustable armrests	s			x	x				
Flip-back armrests	s	x	x	x	x	x	x	x	
Easily removable armrest top (armrest cushion)	s	x	x	x	x	x	x	x	x
Armrests attachments for control equipment	o		x	x	x	x	x	x	x
Adjustable lumbar support	s		x	x	x	x	x	x	x
Chair rotation	s	360dgr	355	355	355	360	355		360
Pneumatic suspension	s								
Sitting height - pneumatic	s	x	x	x	x	x	x		
*Sitting height adjusted with actuator	o		x	x	x		x	x	x
Shock absorbing column	s	x	x	x	x	x	x		
Footrest - fixed height	s	x							
Footrest - height adjusted - pneumatic	s		x	x	x		x	x	x
Twin footrest - mechanical	o		x	x	x	x	x		
Fold up footrest	s	x	x	x	x		x	x	x
Footrest rotates with chair	s	x	x	x	x		x		
Reclining seat back - pneumatic	s	x	x	x	x	x	x	x	x
Reclining seat back - mechanical	s								
Flatback	o	x		x					
Seat slide (max 110mm)	o		x	x	x	x			x
2-point safety belt	o	x	x	x	x	x	x	x	x
3-point safety belt	o	x	x	x	x		x	NA	NA
4-point safety belt	o		Alutech 400	Alutech 500					
Office base	o	x	x	x	x	x			
Matching Alutech 3400 / 3500 deck rails	s	x	x	x	x	x	x	x	
Matching Alutech 3800 deck rails	s		x	x	x	x	x	x	
Matching Alutech 4000 / 4100 deck rails	s		x	x	x	x	x	x	
Matching OP-D deck rails	s								x

ALUTECH 3200 / 3400 SURFACE MOUNTED DECK RAIL

MANUALLY OPERATED DECK RAILS



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.



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 for both chair and operator
- Alutech 3200 and 3400 braking system is controlled from the chair and easily locks the wagon in place

SPECIFICATIONS

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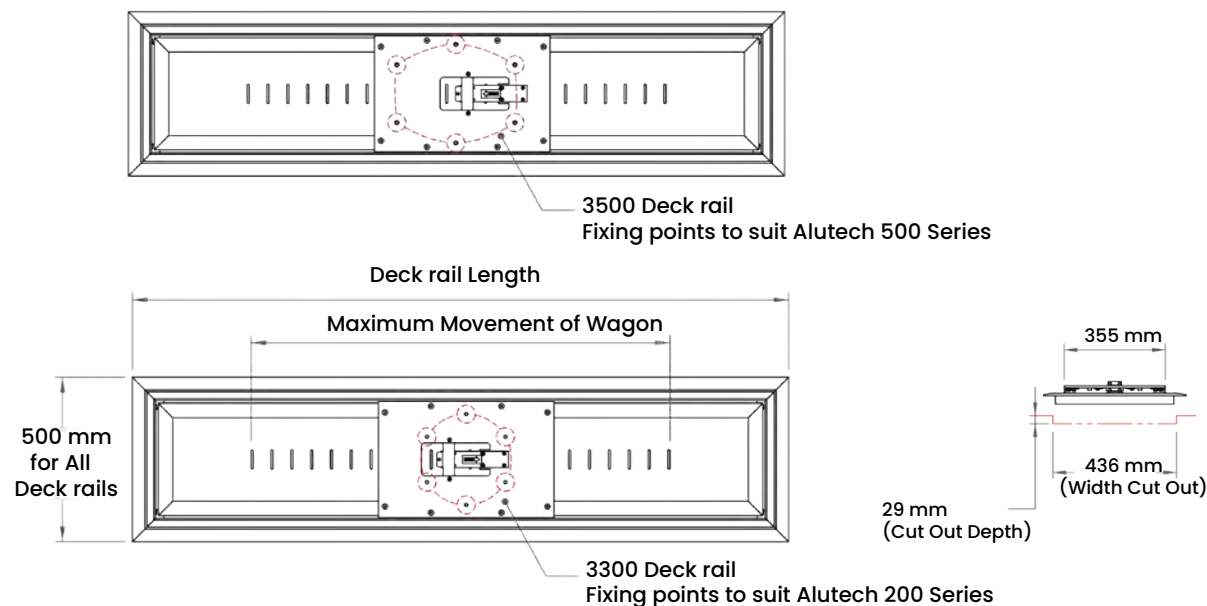
Deck rail for 200 to 600 Chair Series	Deck rail Length	Maximum Deck rail Height (With / Without wagon)	Maximum Movement of Wagon	Deck rail Weight	HSC Code
Alutech 3200 / 3400	1500 mm	65 mm / 38 mm	815 mm	27 kg	12 g
Alutech 3205 / 3405	2000 mm	65 mm / 38 mm	1315 mm	33.5 kg	12 g
Alutech 3210 / 3410	2500 mm	65 mm / 38 mm	1815 mm	40 kg	12 g
Alutech 3215 / 3414	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 MOUNTED DECK RAIL

MANUALLY OPERATED DECK RAILS



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.



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 for both chair and operator
- Alutech 3200 and 3400 braking system is controlled from the chair and easily locks the wagon in place

SPECIFICATIONS

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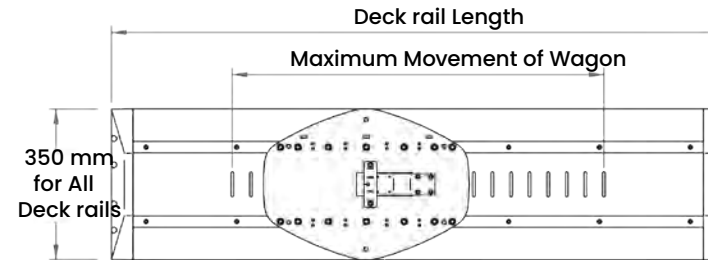
Deck rail for 200 to 600 Chair Series	Deck rail Length	Maximum Deck rail Height (With / Without wagon)	Maximum Movement of Wagon	Deck rail Weight	HSC Code
Alutech 3200 / 3400	1500 mm	65 mm / 38 mm	815 mm	27 kg	12 g
Alutech 3205 / 3405	2000 mm	65 mm / 38 mm	1315 mm	33.5 kg	12 g
Alutech 3210 / 3410	2500 mm	65 mm / 38 mm	1815 mm	40 kg	12 g
Alutech 3215 / 3414	3000 mm	65 mm / 38 mm	2315 mm	47 kg	12 g
Alutech 32XX / 34XX	on request		TBA	TBA	12 g

ALUTECH 4000 SURFACE MOUNTED DECK RAIL

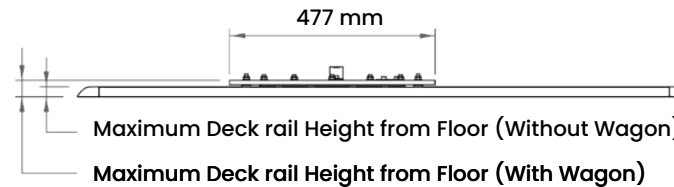
MANUALLY OPERATED DECK RAILS



- Comes in 6 different standard lengths. This deck rail series is surface mounted and designed for use with any chair from the Alutech 300, 400, 500 or 600 series.



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 for both chair and operator
- Alutech 4000 braking system is controlled from the chair and easily locks the wagon in place

SPECIFICATIONS

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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 MOUNTED DECK RAIL

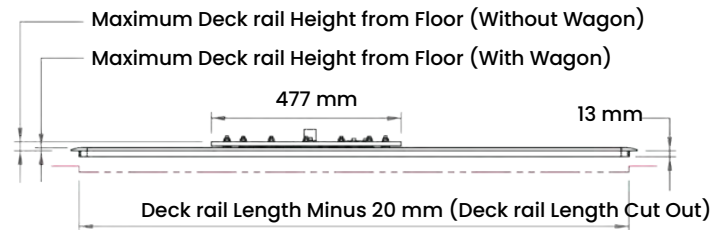
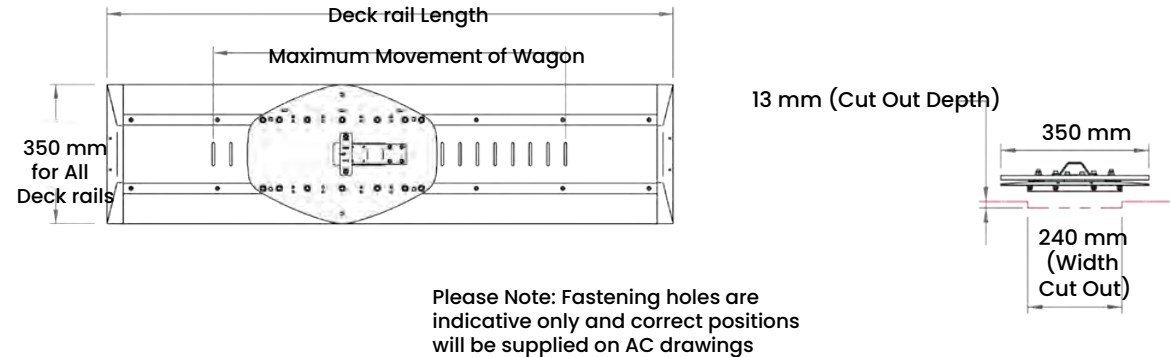
MANUALLY OPERATED DECK RAILS



DESIGN AND FEATURES

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

■ Comes in 6 different standard lengths. This deck rail series is surface mounted and designed for use with any chair from the Alutech 300, 400, 500 or 600 series.



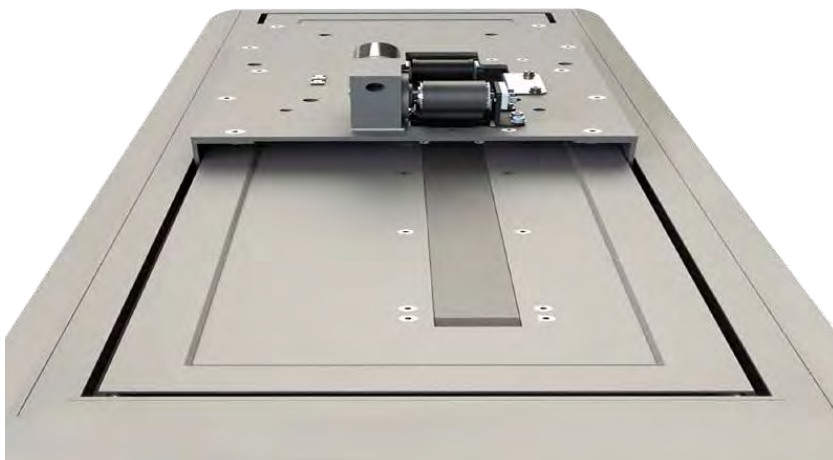
SPECIFICATIONS

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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	3100 mm	23 mm / 8 mm	2460 mm	32 kg

ALUTECH 3900 SURFACE

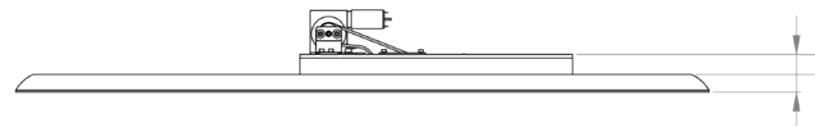
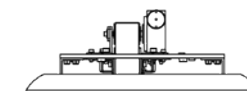
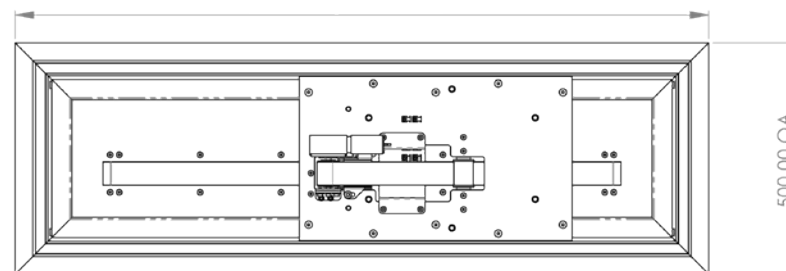
ELECTRIC OPERATED DECK RAILS



DESIGN AND FEATURES

- Surface mounted
- Simple to install
- Low weight
- Note that this deck rail does not have arrangement for cable routing!

Available in four different lengths, 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..



SPECIFICATIONS

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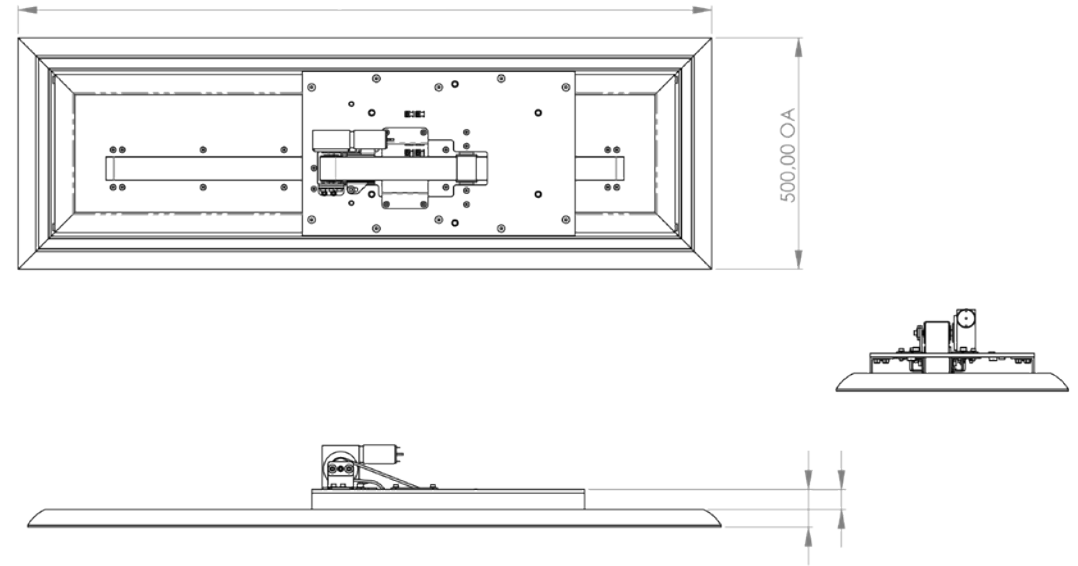
Deck rail for 300 to 600 Chair Series	Deck rail Length	Maximum Deck rail Height (With / Without wagon)	Maximum Movement of Wagon	Electrical Operated Voltage 24 V / 20 AMP (minimum)	Deck rail Weight	HSC Code
Alutech 3900	1500 mm	65 mm / 38 mm	767 mm	Yes	37 kg	12 g
Alutech 3905	2000 mm	65 mm / 38 mm	1267 mm	Yes	43 kg	12 g
Alutech 3915	2500 mm	65 mm / 38 mm	1767 mm	Yes	50 kg	12 g
Alutech 3920	3000 mm	65 mm / 38 mm	2267 mm	Yes	57 kg	12 g

ALUTECH 3950 FLUSH

ELECTRIC OPERATED DECK RAILS



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



DESIGN AND FEATURES

- Flush mounted
- Simple to install
- Low weight
- Note that this deck rail does not have arrangement for cable routing!

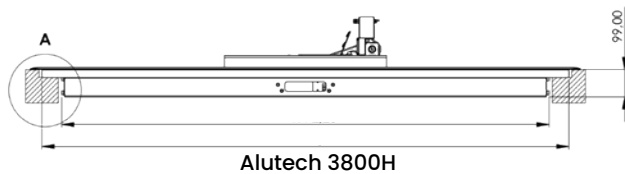
SPECIFICATIONS

alu

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 3905	2000 mm	35 mm / 8 mm	1267 mm	Yes	43.5 kg	12 g
Alutech 3910	2500 mm	35 mm / 8 mm	1767 mm	Yes	50 kg	12 g
Alutech 3915	3000 mm	35 mm / 8 mm	2267 mm	Yes	57 kg	12 g

ALUTECH 3800 / 3800 H FLUSH

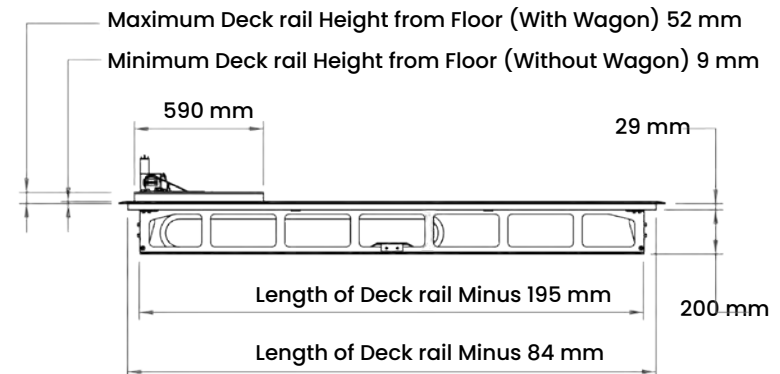
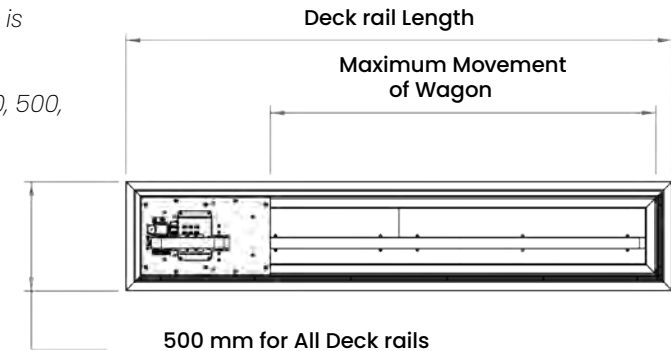
ELECTRIC OPERATED DECK RAILS



DESIGN AND FEATURES

- 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

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



SPECIFICATIONS

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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

- *We understand that not all seating requirements are exactly the same. Therefore our accessories include, but are not limited to, cup holders, joystick holders, safety belts, flip out tables, custom branding, intercoms with integrated foot pedals, custom built consoles, variety of seat covers, etc.*



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 fulfill the most complex of user needs.



**NORWEGIAN
ELECTRIC SYSTEMS AS**

"RAVEN INS"

A key component of the new "RAVEN INS" is a new operator's chair, with focus on functionality and a modern and elegant design.



OCEANEERING

"COMMANDER"

ROV (Remote Operated Vehicles) operation is a key business area for Oceaneering, and our Commander is perfect for this market. The tailor-made chair provides outstanding ergonomic performance, which is essential when you are piloting one of these vehicles for shifts of up to, and beyond, 12 hours, allowing the pilot to concentrate 100% on the task at hand.



KONGSBERG

"K-MASTER"

A dynamic position operating chair developed to provide an optimum working environment for demanding everyday tasks.

INDIVIDUAL SOLUTIONS

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



VARD ELECTRO AS

"SeaQ"

VARD recognise seat solutions that fulfil all requirements from comfort, durability, stable construction and design flexibility.



ROLLS ROYCE

"UNIFIED BRIDGE"

We have developed the chairs for Rolls-Royce Unified bridge solutions and their new dynamic positioning chair, designed by Rolls-Royce for an improved working environment of the crew.



AKER SOLUTIONS

"MH OC 300"

For Aker Solutions we have developed an operator chair that suits the unique needs of offshore drilling. It was produced to deliver the best possible working environment for drilling operators working on offshore rigs.

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.



GODZILLA

KING OF THE MONSTERS

DESIGNED FOR TOMORROW – PERFECT FOR TODAY

ROV (Remote Operated Vehicles) operation is a key business area for Oceaneering, and our Commander is perfect for this market. The tailor-made chair provides outstanding ergonomic performance, which is essential when you are piloting one of these vehicles for shifts of up to, and beyond, 12 hours, allowing the pilot to concentrate 100% on the task at hand.

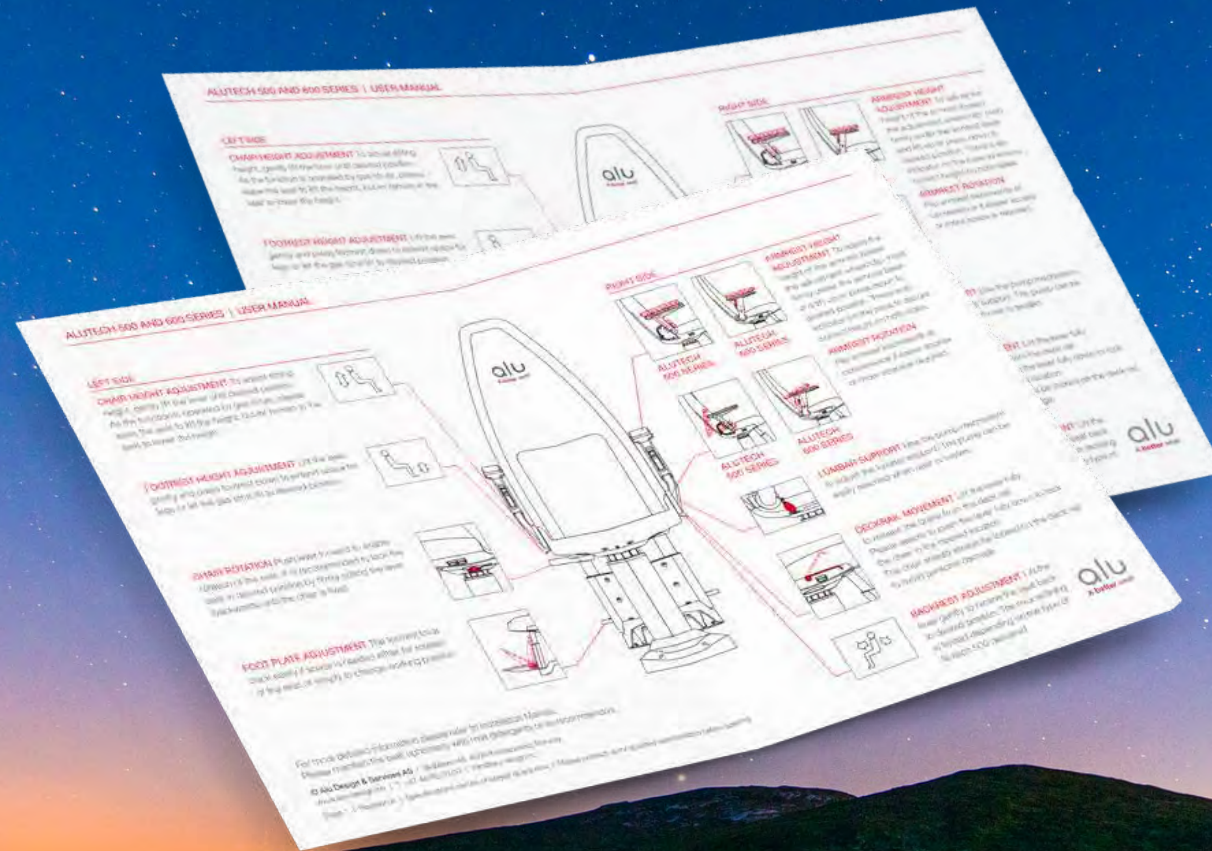
alu
Be seated.



TRANSFORMERS
AGE OF EXTINCTION



STAR TREK
BEYOND

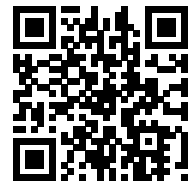


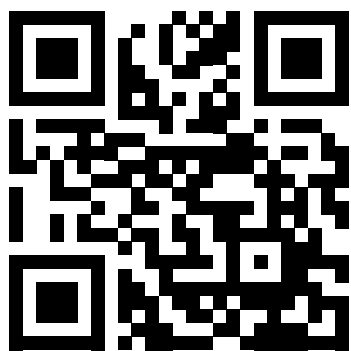
Installing and using...

Each chair is delivered with an installation and a user manual to assure correct installation and use of the product. It is important that the instructions are followed for both the comfort and safety of the user. Additionally, each chair of Alutech 300, 400, 500 and 600 series includes a toolkit for easy access to all parts necessary for installation and maintenance.

Installation Manuals

For detailed descriptions on how to install our chairs and deck rails, please visit our website at alu-design.no or use the QR code on the right.





alu-design.no

We strive to keep our website up to date at all times, always filled with the newest information and details about our products.

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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THINK DESIGN, COMFORT & VALUE

We understand the intensive work environments which our products are required to perform in. Alu Design make great efforts to ensure that our products are truly the **“Captain’s choice”**.

Our goal is to create an optimum working environment for the operator, prioritising the usability and functionality of each chair and accessory. Our increased customer base tells us we succeed. That’s why we can confidently say that our products deliver **the best seating experience available!**



S 1 2