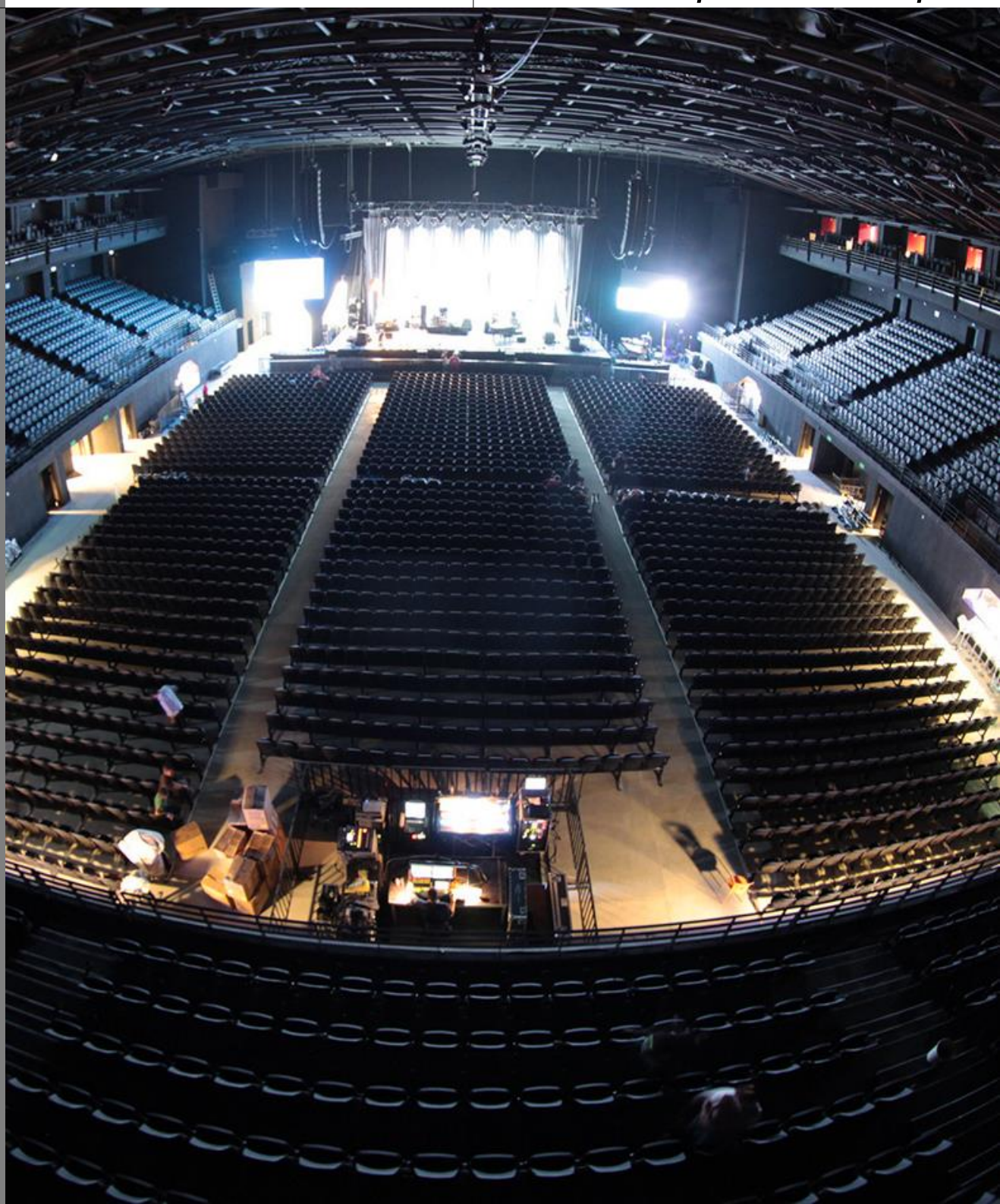




VDL SEATING SYSTEMS

luxx / luxx plus / luxx sport

















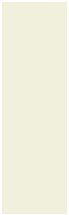




luxx

luxx is a comprehensive range of upholstered tipping seats for arena fixed and telescopic applications, performing arts venues, and outdoor stadium suites.

luxx upholstery comes with a choice of plastic panels to the underside of seat and back of backrest, making it suitable for arena environments, or alternatively full fabric or show wood panels for performing arts and black box.

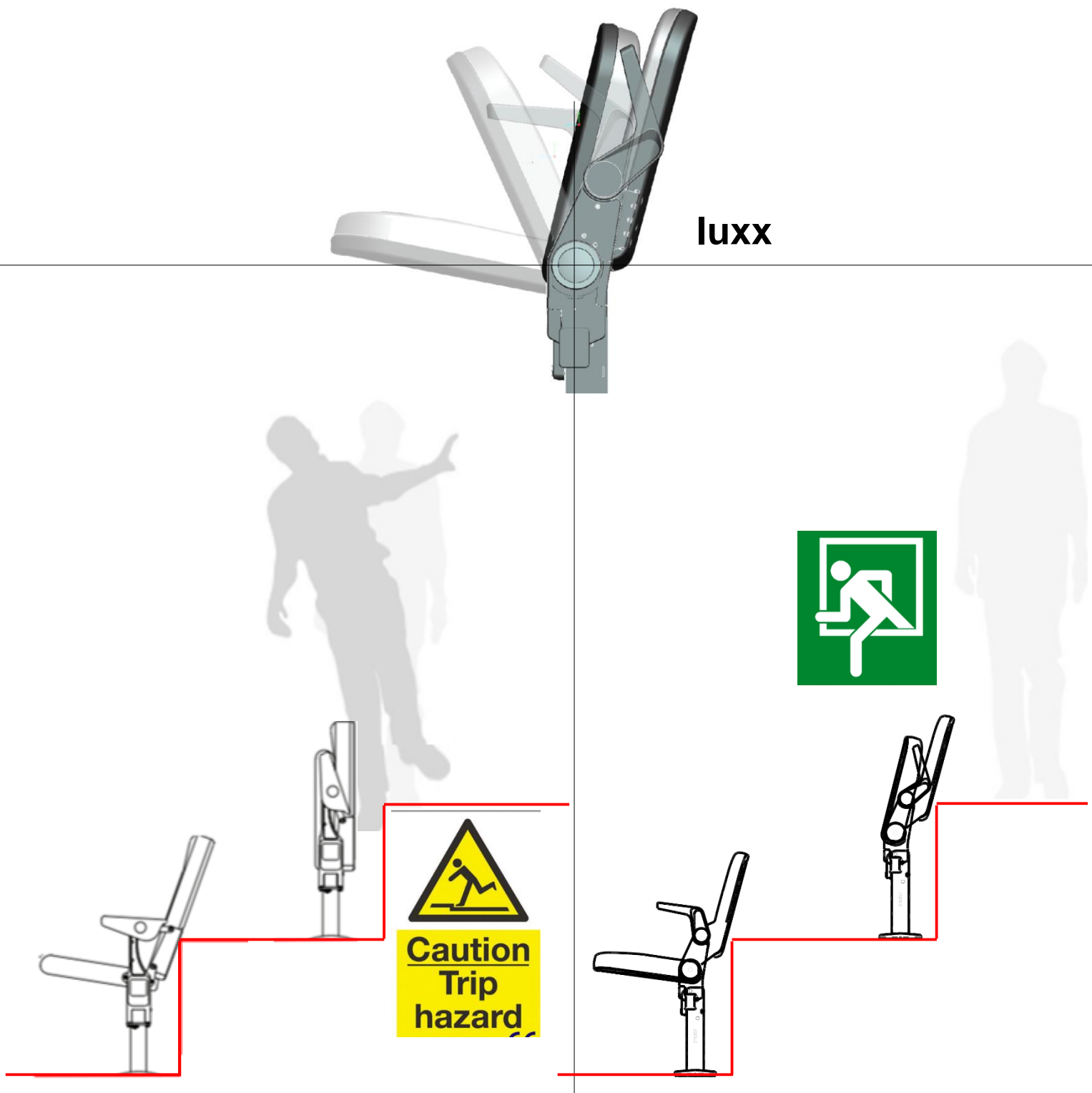


C01 Black	C02 Brown	C03 Neutral Grey	C04 Signal Green	C05 Dark Green	C06 Light Blue	C07 Signal Blue	C08 Galaxy Blue	C09 Purple	C10 Burgundy	C11 Cardinal Red	C12 Orange	C13 Gold	C14 Beige	C15 Off White Sand	C16 White	C17 Signal Yellow
																



luxx has been designed to provide a compact folded envelope with the maximum upholstery thickness to seat and backrest. **luxx** has a patented armrest which folds automatically as the seat rises making **luxx** the ideal choice for telescopic tribune applications, or simply to avoid armrests restricting egress on fixed tribunes.

Typical competitor products (left diagram below) that feature automatic armrests require the armrests to be mechanically linked to the backrest and seat, meaning that the backrest must be moved into a reclined position for sitting, and a vertical stored position when unoccupied. This principal results is a gap between the rear of the backrest and the riser which can be dangerous. **luxx** backrest remains in a fixed position (diagram to the right) keeping the egress route safe.



luxx plus - If prestige is more desirable than compact geometry, **luxx plus** offers the choice of thicker upholstery, higher backrests and fully upholstered armrests.

luxx and **luxx plus** optional upgrades include;

- Seat and backrest heated upholstery
- Hospitality tables
- USB charging
- Cupholders

luxx plus

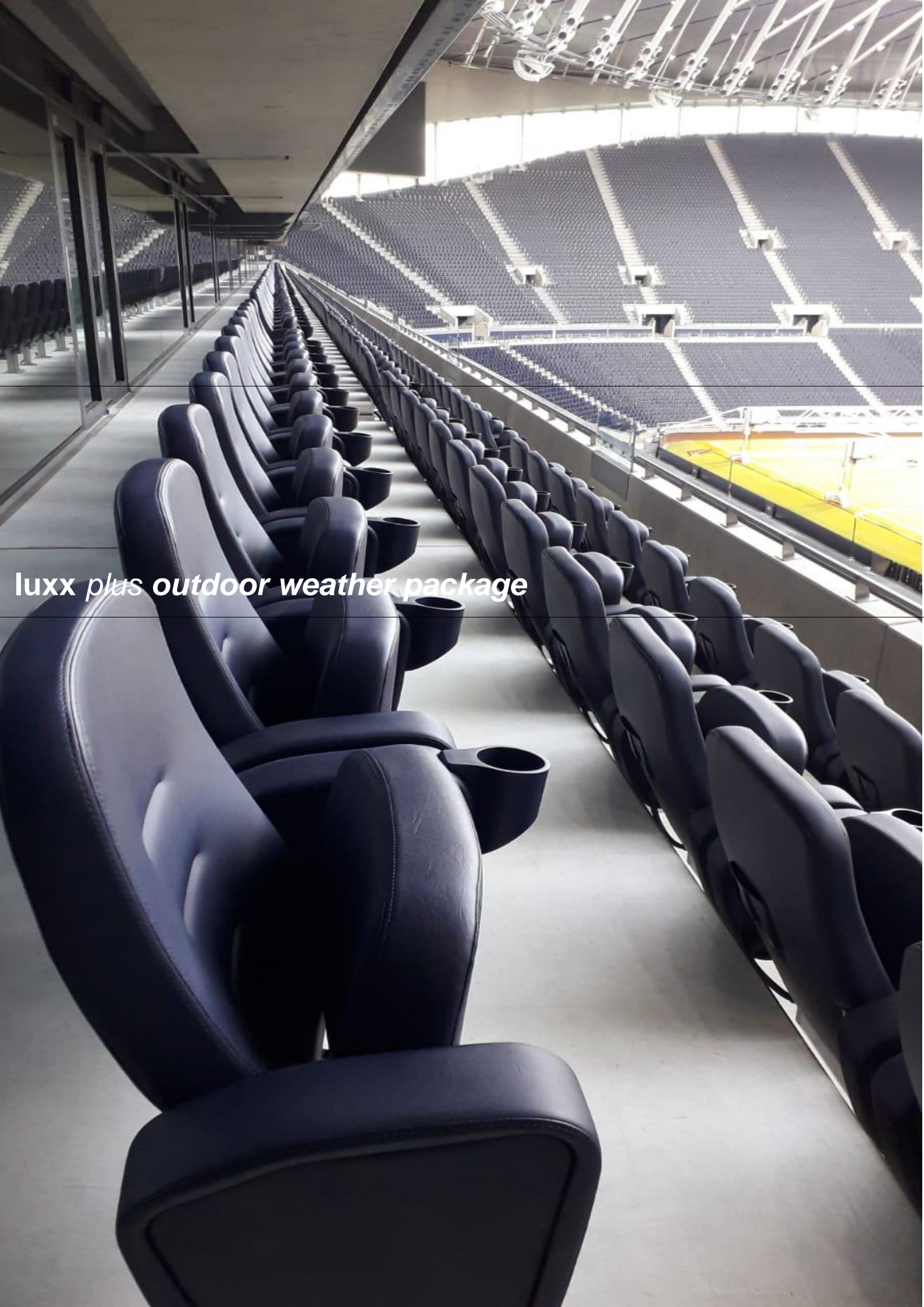


luxx plus can be specified with an outdoor weather pack, engineered for stadium applications, suitable for front row locations where seats are exposed to the full effects of UV and prevailing rain.

Why is the weathering package so important? Beyond long term failure as a result of corrosion and UV exposure, **luxx** has been designed to allow the foams to drain naturally so that our seats do not become waterlogged, which results in patron complaints and discomfort but also promotes fungal growth and bad smells.

luxx plus outdoor weather package





luxx plus outdoor weather package



luxx sport



luxx sport

Designed specifically for players,
options include;

- Power operated reclining backrest which returns to 'home base' position at the touch of a button.
- Manual reclining backrest.
- Cup holders
- Seat and backrest heating
- Pedestal or rail mounted options

luxx sport





luxx custom tunnel clubs / director's boxes....



luxx custom

We are often asked to produce custom seats for special VIP areas or special projects. Our custom design service allows venues to offer patrons a dedicated experience appropriate to their package. Combining a sport style backrest with tipping seat or an executive pleated back with headrest, our team will work with the architect or client to create the perfect bespoke look.

Seat heating, USB charging and immersive devices require power distribution. Our **service rail** allows complete concealment of the 240V modular plug and play cable feed. 240V is converted by a transformer contained in a rail mounted enclosure located on the seating rail beneath each seat position. A row of 28 seats can be powered from one electrical connection, each row is fitted with an isolator switch for convenient maintenance.



Service rail / power / heating





Service rail / WiFi

In addition to power cables, the **service rail** can also be used to route Cat 5/6 data cables. The data cables are fed from penetrations into the bowl through the pre-cast terrace sections and enter into the rail mounted junction boxes (shown on the left in the picture above). This allows easy and convenient primary connections to be made during WiFi installation. The junction box can be conveniently located on the seating rail adjacent to the penetration where the Cat 5/6 cable enters the seating row.

During commissioning, WiFi routers in a stadium bowl require positional adjustment in order to ensure coverage. This is a very time consuming, painstaking and costly exercise if routers are installed with no positional flexibility, essentially requiring complete removal and re-routing of enclosures and cable containment conduits just to move the router or junction box enclosure a meter or so.

The **service rail** system in conjunction with its rail mounted junction box and router enclosures allow this to be achieved quickly and conveniently. Cat 5/6 cables are a fixed length, so the box design allows excess cable to be coiled and stored inside each enclosure allowing them to be easily moved to any position on the seating rail.



Strength and Durability

Strength & Durability

luxx seat modules and rail support structure meet the requirements BS EN 12727 test level 4.

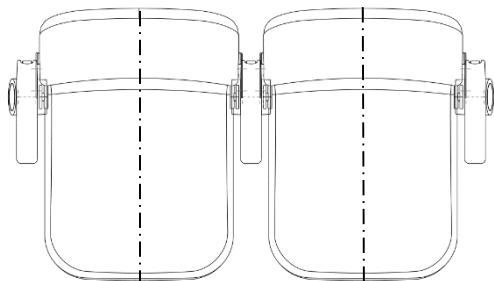
Fire Resistance

luxx seat modules meet the requirements of BS EN 1021 and BS 5852 Crib 5.

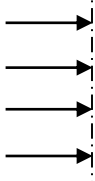
Weathering

luxx 17 standard plastic and vinyl colours are tested in accordance with BS EN ISO 4892 – 1 & 2 – Xenon Arc Testing 'Methods Of Exposure To Laboratory Light Sources'

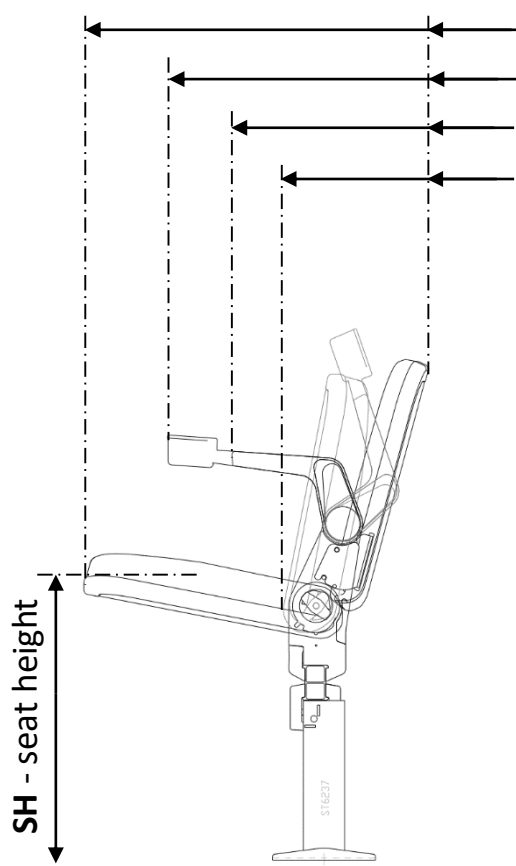
luxx	LX964-480	LX964-505	LX964-530	LX964-555	LX964-580
	UPH SEAT UPH BACK	UPH SEAT UPH BACK	UPH SEAT UPH BACK	UPH SEAT UPH BACK	UPH SEAT UPH BACK
SC - min spacing, seat centres chair only	-	-	-	-	-
SCFC- min spacing, seat centres, front cupholder	480	505	530	555	580
SCWT - min spacing, seat centres with writing tablet	-	-	-	-	-
EC - Full Tip - envelope (chair only)	245	245	245	245	245
EA - envelope (with armrest)	330	330	330	330	330
EFC - envelope (front standard cup holder)	440	440	440	440	440
ES - envelope (with seat down)	580	580	580	580	580
SH - seat height (Sit down)	450	450	450	450	450
OH - overall height (7237)	840	840	840	840	840
FD - folded depth (7237)	830	830	830	830	830
FH - folded height on TX mech (7237 W/O Tablet)	165	165	165	165	165
FH - folded height on TX mech (7237 W/ Tablet)	-	-	-	-	-
Dimensional tolerances: +/- 3mm 14/04/2020					



seat centres

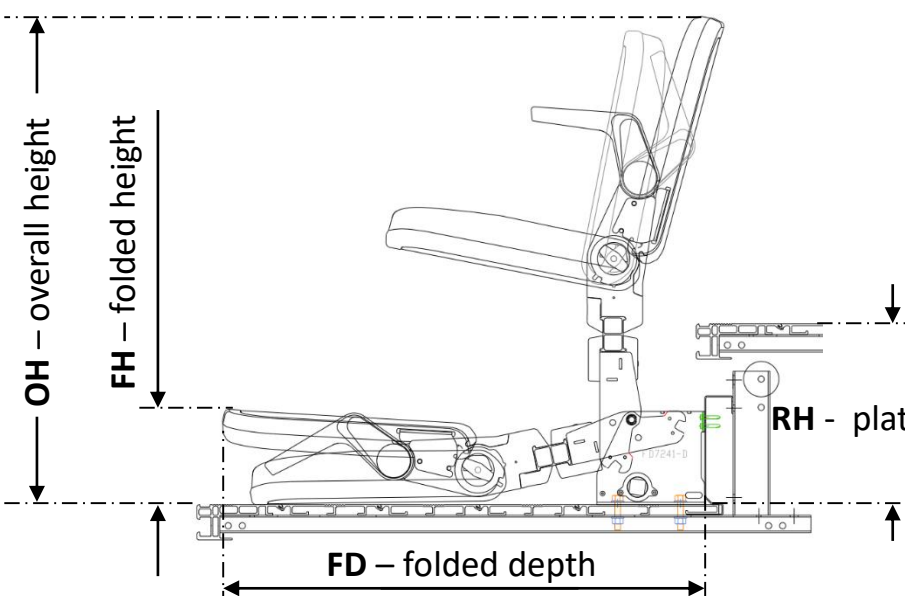


- ← **SC** - min spacing, seat centres chair only
- ← **SCSA** - min spacing, seat centres shared armrest
- ← **SCFC** - min spacing, seat centres front cup holder
- ← **SCWT** - min spacing, seat centres **scribe** writing tablet



seat envelopes

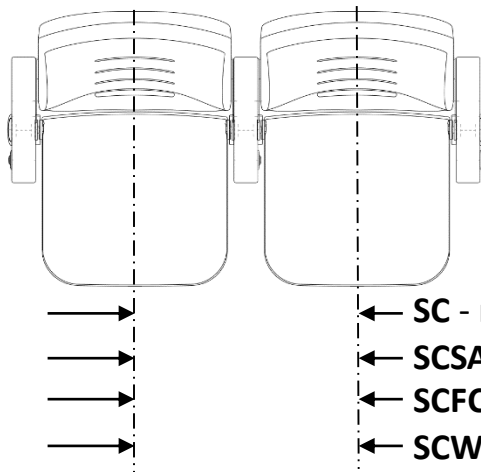
- ES** - envelope (with seat down)
- EFC** - envelope (with front cupholder)
- EA** - envelope (with Arm)
- EC** - envelope FULL tip



telescopic envelopes

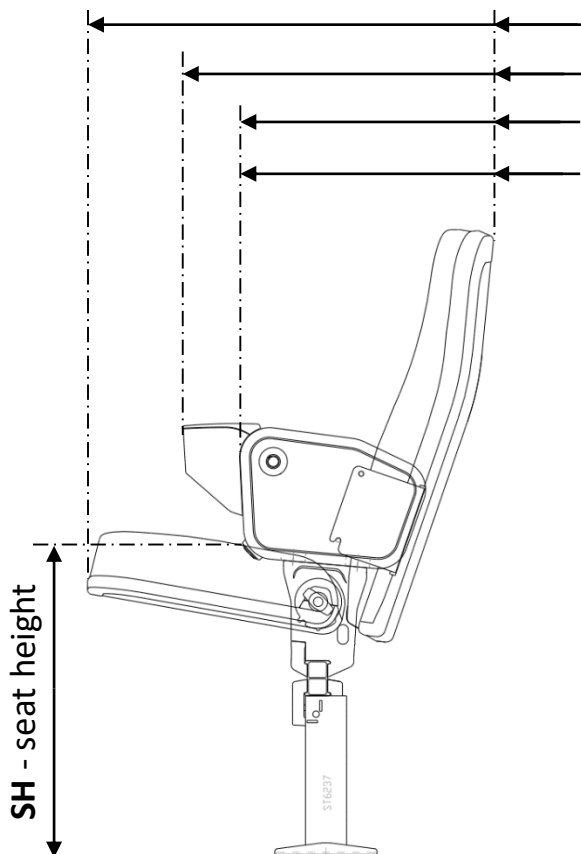
RH - platform riser height

luxx plus	LX974-555			
	UPH SEAT UPH BACK			
SC - min spacing, seat centres chair only	-			
SCFC - min spacing, seat centres, front cupholder	560			
SCWT - min spacing, seat centres with writing tablet	-			
EC - Full Tip - envelope (chair only)	-			
EA - envelope (with armrest)	430			
EFC - envelope (front standard cup holder)	530			
ES - envelope (with seat down)	690			
SH - seat height (Sit down)	450			
OH - overall height (7237)	-			
FD - folded depth (7237)	-			
FH - folded height on TX mech (7237 W/O Tablet)	-			
FH - folded height on TX mech (7237 W/ Tablet)	-			



- ← **SC** - min spacing, seat centres chair only
- ← **SCSA** - min spacing, seat centres shared armrest
- ← **SCFC** - min spacing, seat centres front cup holder
- ← **SCWT** - min spacing, seat centres **scribe** writing tablet

seat centres

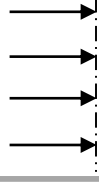
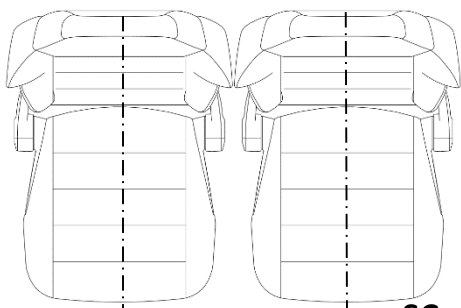


- ES** - envelope (with seat down)
- EFC** - envelope (with front cupholder)
- EA** - envelope (with Arm)
- EC** - envelope FULL tip

seat envelopes

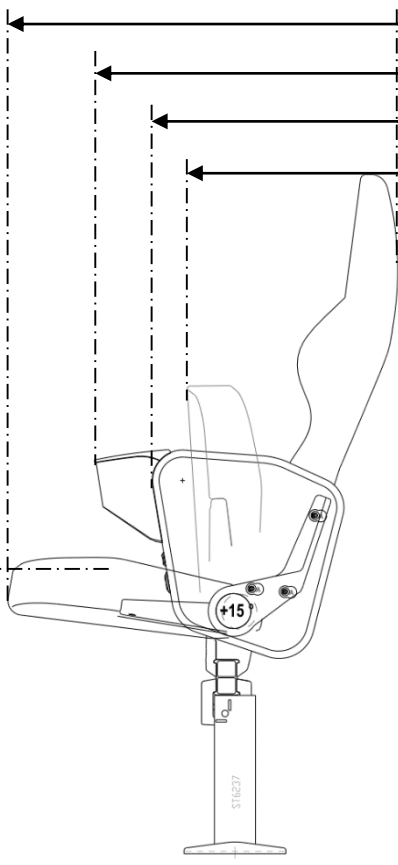
luxx sport	LX914-46	LX914-48	LX914-48 (Pedestal mounted)	
	UPH SEAT UPH BACK	UPH SEAT UPH BACK	UPH SEAT UPH BACK	
SC - min spacing, seat centres chair only	500	520	520	
SCFC - min spacing, seat centres, front cupholder	530	550	655	
SCWT - min spacing, seat centres with writing tablet	550	570	570	
EC – Full Tip – envelope (chair only)	360	360	-	
EA - envelope (with armrest)	420	420	405-475	
EFC - envelope (front standard cup holder)	520	520	505-570	
ES - envelope (with seat down)	670	670	630-745	
SH - seat height (Sit down)	450	450	450	
OH - overall height (7237)	-	-	-	
FD - folded depth (7237)	-	-	-	
FH - folded height on TX mech (7237 W/O Tablet)	-	-	-	
FH - folded height on TX mech (7237 W/ Tablet)	-	-	-	

Dimensional tolerances: +/- 3mm
14/04/2020



- ← **SC** - min spacing, seat centres chair only
- ← **SCSA** - min spacing, seat centres shared armrest
- ← **SCFC** - min spacing, seat centres front cup holder
- ← **SCWT** - min spacing, seat centres **scribe** writing tablet

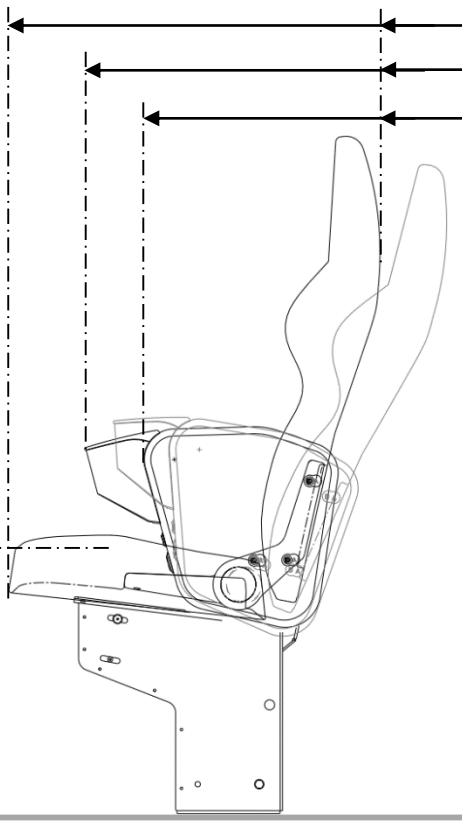
seat centres



- ← **ES** - envelope (with seat down)
- ← **EFC** - envelope (with front cupholder)
- ← **EA** - envelope (with Arm)
- ← **EC** - envelope FULL tip

SH - seat height

seat envelopes



- ← **ES** - envelope (with seat down)
- ← **EFC** - envelope (with front cupholder)
- ← **EA** - envelope (with Arm)

SH - seat height

seat envelopes