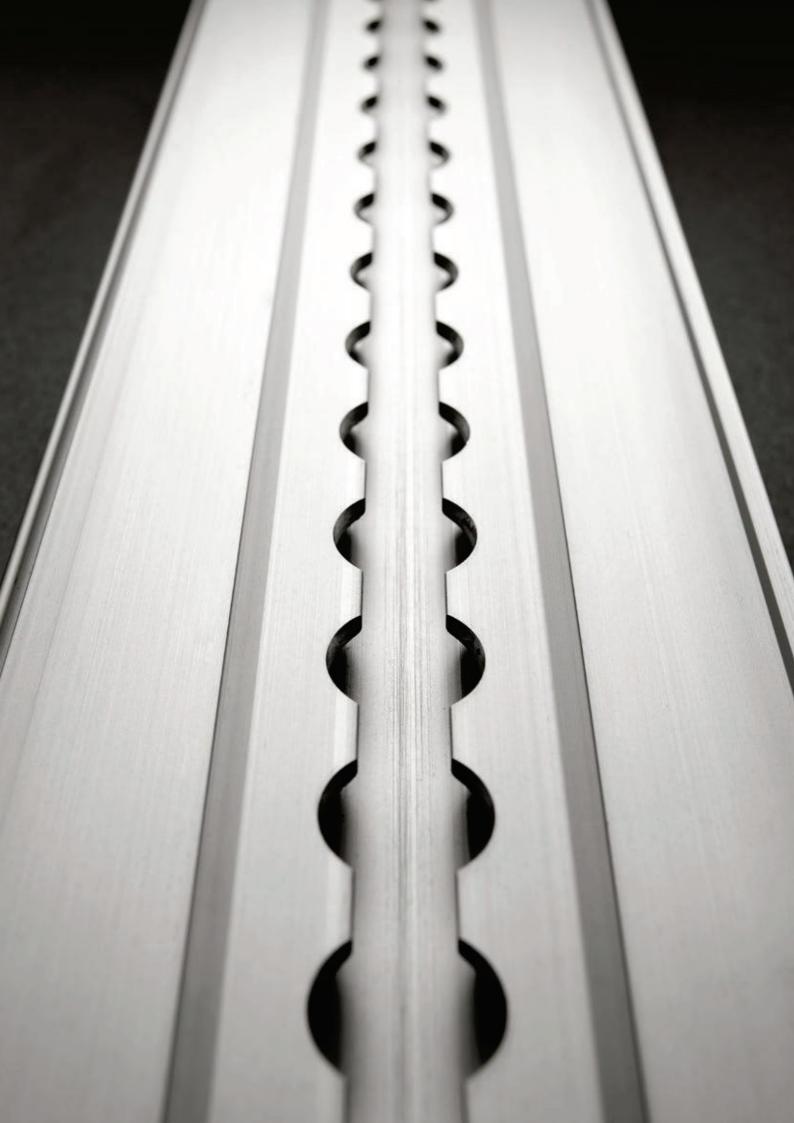
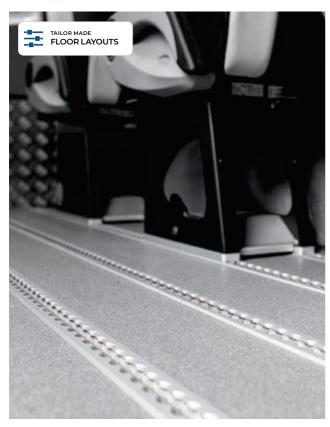
Flooring and seating

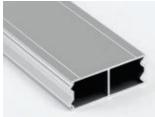
Products for a safe and flexible floor plan.



SpaceFloor® M1

The original aluminium floor for vehicles.







SpaceFloor is a floor system developed for all means of transportation where a flexible, safe installation of passenger seats is required. Each floor consists of a range of aluminium planks bonded together to form a tailored floor. The planks can be delivered with integrated pipes or channels, which can be used for floor heating or cables.

The finished floor is glued in place, making the entire vehicle strengthened and stabilized. If special needs or requirements regarding fixture is necessary, the system can be modified without any considerable increase of costs. Please contact us for further information: sales@braunability.eu

The SpaceFloor M1 system is Class M1 approved, it has extremely high structural strength at a very low weight.

Quick facts

- Easy to install
- Flexible modular system, tailored to order
- Suitable for mass production
- Delivered pre-cut in halves or as a whole floor

Specifications

MATERIALAluminium

Weight guideline

These weights are only guidelines and may vary for different vehicles and cutting layouts. Weights does not include mounting glue, brackets or vinyl.

6 tracks, 3200 mm 105 kg 8 tracks, 3200 mm 110 kg 10 tracks, 3200 mm 120 kg

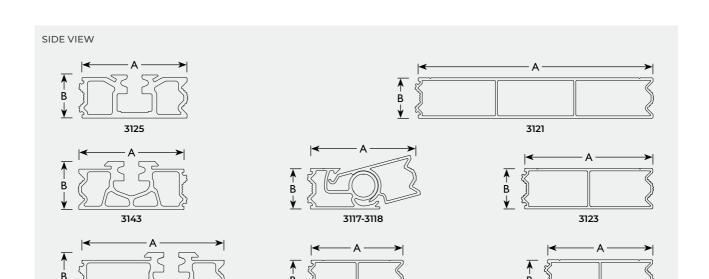


TAILOR MADE FLOOR LAYOUTS

SpaceFloor® M1

Dimensions and models





3158

	SpaceFloor M1	SpaceFloor M2	Innotrax
TwinLock	YES	YES	NO
Space Legs	YES	YES	NO
Space Legs fixed	YES ¹	YES ²	NO
Standard Lockable	YES	YES	YES
Seat Locker	YES	YES	YES
HAL	YES	YES	YES
T-bolt	YES	YES	YES
Butterfly clip	YES	YES	YES
Glider	YES ¹	YES ²	NO



3122

Sweep strip (profile 3125 only) **480000**

1. Use the M1 Glider (480149) 2. Use the M2 Glider (480090)

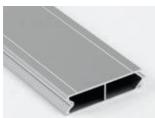
3155

SpaceFloor M1		Length	Width (A)	Height (B)	Weight
3117-3118	Assembly profile	3200, 4200, 4900 mm	78 mm	30 mm	2.027 kg/m
3121	Spacer profile (174 mm)	3200, 4200, 4900 mm	174 mm	30 mm	2.210 kg/m
3123	Spacer profile (95 mm)	3200, 4200, 4900 mm	95 mm	30 mm	1.335 kg/m
3122	Spacer profile (78 mm)	3200, 4200, 4900 mm	78 mm	30 mm	1.168 kg/m
3158	Spacer profile (69 mm)	3200, 4200, 4900 mm	69 mm	30 mm	1.081 kg/m
3125	Track profile - sunken rail (flatfloor)	3200, 4200, 4900 mm	78 mm	32 mm	2.705 kg/m
3143	Track profile (78 mm)	3200, 4200, 4900 mm	78 mm	35.75 mm	2.500 kg/m
3155	Track profile (105 mm)	3200, 4200, 4900 mm	105 mm	35.75 mm	2.837 kg/m

SpaceFloor® M2

One of the lightest aluminium floors on the market.







SpaceFloor is a floor system developed for all means of transportation where a flexible, safe installation of passenger seats is required. The M2 version has the advantages of the SpaceFloor M1 design while producing a 25% lighter floor surface.

Each floor consists of a range of aluminium planks bonded together to form a tailored floor. The finished floor is glued in place, making the entire vehicle strengthened and stabilized.

If special needs or requirements regarding fixture is necessary, the system can be modified without any considerable increase of costs. Please contact us for further information: sales@braunability.eu

The SpaceFloor M2 system is Class M2 approved, it has extremely high structural strength at a very low weight.

Quick facts

- Easy to install
- Flexible modular system
- Suitable for mass production
- Delivered pre-cut in halves or as a whole floor
- 25% lower weight than other aluminium floors

Specifications

MATERIAL Aluminiun

Weight guideline

These weights are only guidelines and may vary for different vehicles and cutting layouts. Weights does not include mounting glue, brackets or vinyl.

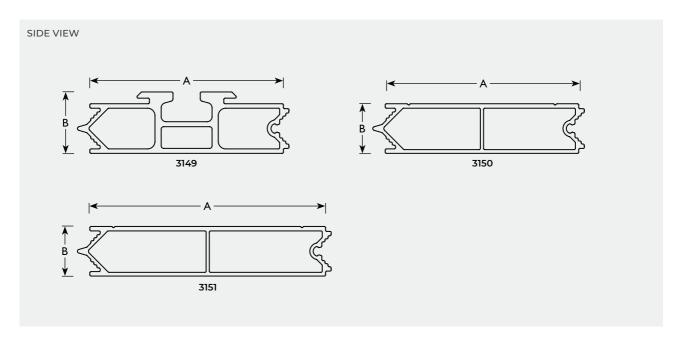
6 tracks, 4200 mm 105 kg 8 tracks, 4200 mm 110 kg 10 tracks, 4200 mm 115 kg



SpaceFloor® M2

Dimensions and models

Contact us for a tailored floor design that fits your vehicle and requirements. sales@braunability.eu



	SpaceFloor M1	SpaceFloor M2	Innotrax
TwinLock	YES	YES	NO
Space Legs	YES	YES	NO
Space Legs fixed	YES ¹	YES ²	NO
Standard Lockable	YES	YES	YES
Seat Locker	YES	YES	YES
HAL	YES	YES	YES
T-bolt	YES	YES	YES
Butterfly clip	YES	YES	YES
Glider	YES ¹	YES ²	NO

1. Use the M1 Glider (480149) 2. Use the M2 Glider (480090)

Spac	eFloor M2	Length	Width (A)	Height (B)	Weight
3149	Track profile (78 mm)	4200, 4700 mm	78 mm	24.7 mm	1.565 kg/m
3150	Spacer profile (78 mm)	4200, 4700 mm	78 mm	20 mm	0.987 kg/m
3151	Spacer profile (95 mm)	4200, 4700 mm	95 mm	20 mm	1.169 kg/m

Innotrax®

Aluminium flooring system that 'clicks' together to form a perfect vehicle floor base.







An Innotrax floor is constructed from a range of aluminium planks that clicks together to form a floor layout. By combining various planks, it is possible to tailor each floor to the desired specification. Innotrax is available as individual planks or as a whole floor, delivered in halves. Installation is quick, simple and quality assured. In short, the Innotrax rails will always be perfectly parallel to each other. The finished floor is glued in place, making the entire vehicle strengthened and stabilized.

Innotrax is fully compatible with a wide range of products and tested to M1 standard. It offers certified approval for the most commonly used vehicle models.

Please contact us for further information: sales@braunability.eu

Quick facts

- Easy to install
- Available in 3 different plank widths
- Double rail plank available
- Flexible modular system
- Suitable for individual adaptations or small series
- Sold as individual planks or pre-cut floor delivered in halves
- Compatible with a wide range of tie-downs, seat fixtures and restraints

Specifications

MATERIAL Aluminiur

Weight guideline

These weights are only guidelines and may vary for different vehicles and cutting layouts. Weights does not include mounting glue, brackets or vinyl.

6 tracks, 3200 mm 105 kg 8 tracks, 3200 mm 110 kg 10 tracks, 3200 mm 120 kg

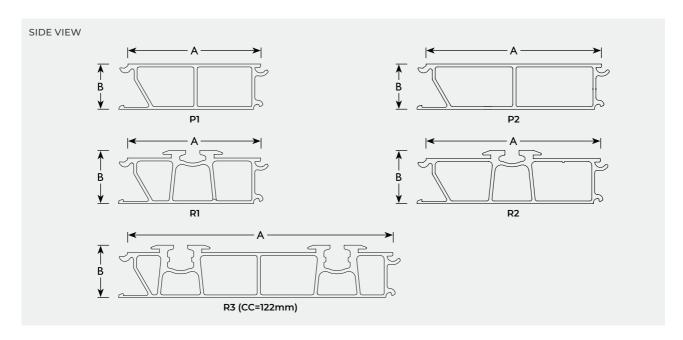


Innotrax®

Dimensions and models

Contact us for information regarding installation of this product.

sales@braunability.eu



	SpaceFloor M1	SpaceFloor M2	Innotrax
TwinLock	YES	YES	NO
Space Legs	YES	YES	NO
Space Legs fixed	YES¹	YES ²	NO
Standard Lockable	YES	YES	YES
Seat Locker	YES	YES	YES
HAL	YES	YES	YES
T-bolt	YES	YES	YES
Butterfly clip	YES	YES	YES
Glider	YES¹	YES ²	NO

1. Use the M1 Glider (480149) 2. Use the M2 Glider (480090)

Innotrax		Length	Width (A)	Height (B)	Weight
Pl	P1 Innotrax plain plank	2580, 3200, 3800, 4300, 4700, 5200 mm	104 mm	35 mm	2.02 kg/m
P2	P2 Innotrax plain plank	2580, 3200, 3800, 4300, 4700, 5200 mm	138 mm	35 mm	2.40 kg/m
R1	R1 Innotrax rail plank	2580, 3200, 3800, 4300, 4700, 5200 mm	104 mm	41 mm	2.75 kg/m
R2	R2 Innotrax rail plank	2580, 3200, 3800, 4300, 4700, 5200 mm	138 mm	41 mm	3.13 kg/m
R3	R3 Innotrax double rail plank	2580, 3200, 3800, 4300, 4700, 5200 mm	209 mm	41 mm	5.38 kg/m

Floor accessories

Flooring and seating



Floor primer, 500 ml **480003**



Glue, 600 ml **480001**



Rail cover, 3025 mm **480039**



Rail trim 103391 Rail trim, 4 m 103392 Rail trim, 25 m



Carpet tape
48007 120 mm, 50 m
48008 135 mm, 50 m
48009 220 mm, 50 m
48010 290 mm, 50 m



Dark Grey Anthracite vinyl

Vinyl

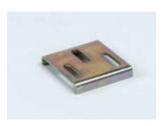
Our high end quality vinyl will last the lifetime of your vehicle. Choose self-adhesive back for fast and easy fitting or standard vinyl and fit with tape or glue.

We supply vinyl in rolls (2x20m), pre-cut for your floor or pre-mounted on the floor (SpaceFloor only). Our standard colour is Dark Grey Anthracite, more colors and Wood-look are available on request. For non-standard colours the minimum order quantity is one roll (2x20m).

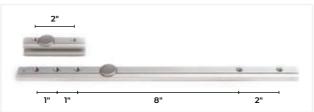
Weight: 2,2 kg pr m2 +/- 0,15 kg **Thickness:** 1,9 mm +/- 0,15 mm **Standards:** R10 – DIN 51 130

Fire Resistance: R118 serie 2 & FMVSS 302

SpaceFloor



Safety bracket 480102



SpaceFloor Glider with coin **480149** M1 Glider (80 mm) **480090** M2 Glider (352 mm)



Sweep strip (profile 3125 only)

Bolts (not included)
M8 countersunk bolt with hex socket, grade 10-9 (DIN 7991)

Innotrax



Rail alignment jig 102635



Underfloor spreader plate 103382



M8 fasteners 103380 M8 fasteners, set of 10 103381 M8 fasteners, set of 100

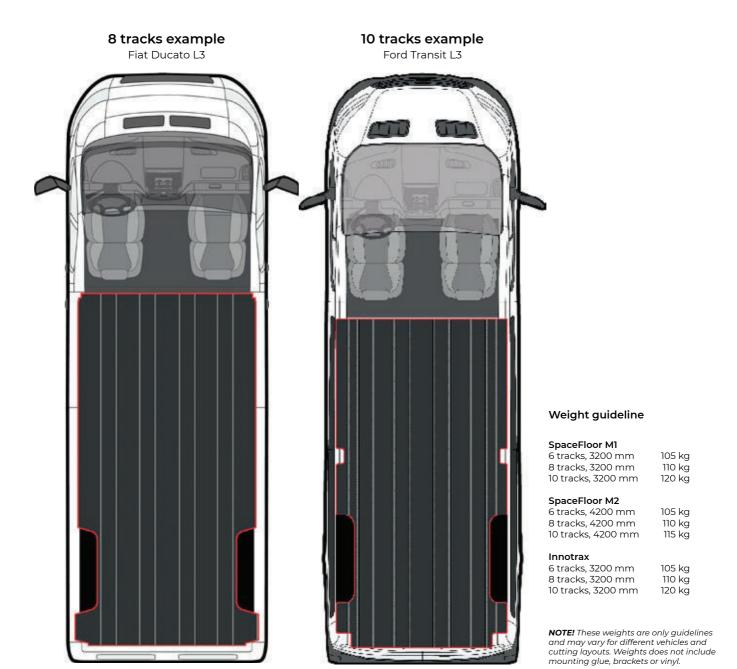
Floor layouts

SpaceFloor is a ready-made floor.

We offer off-the-shelf pre-cut floor solutions for most common vehicles. Our pre-cut floors come in either 6, 8 or 10 track layouts. For those of you with specific needs, we are more than happy to offer fully customer-specific design, pre-cut and ready to install in the vehicle.

All our pre-cut floors can be ordered with pre-cut or pre-mounted vinyl.

Please contact us for more information and quotations.



Rails

Three types of rails for the transport market.



Low profile rail

Easy installation that can be recessed into the vehicle floor for a neat finish, with a height above the finishing floor of only 4 mm.

Low profile rail requires M8 fasteners, fixed into countersunk holes at 101.6 mm intervals for a flush head finish.

The low profile rail is available in different lengths up to 6m. Our rails can be machined, drilled, undrilled and unmachined as per converters requirements.

Width: 46 mm Height: 15.5 mm Weight: 0.933 kg/m



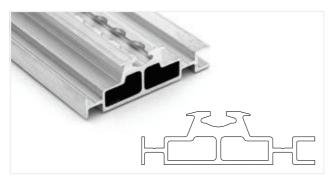
Surface rail

Designed for vehicles where flush-fitted rails are not possible, Surface rail is quick and easy to install into most vehicle floors, with a finished height of only 14 mm above the floor.

Surface rail is a popular solution for 3rd point passenger restraint fitment (cant rail).

The surface rail is available in different lengths up to 6m. Our rails can be machined, drilled, undrilled and unmachined as per converters requirements.

Width: 42 mm Height: 13.5 mm Weight: 0.8 kg/m



Heavy duty rail

Heavy duty rail is specially designed to increase the structural integrity of the vehicle floor strength, it is the ideal choice for coach built conversions.

The heavy duty rail is designed to be used with M8 steel bolt and is available in four different lengths.

To further improve the versatility of the floor configuration, low profile rail can be fitted into heavy duty rails's side channels.

Width: 124 mm Height: 38 mm Weight: 2.95 kg/m

Rails	Length	Machined & drilled	Machined & undrilled	Unmachined & drilled	Unmachined & undrilled
Low Profile Rail	1.15 m	LPRD12 - 442038			
	2.35 m	LPRD24 - 442039			
	3.68 m	LPRD36 - 103374	LPRF36 - 103375	LPRB36 - 105374	LPRA36 - 105373
	4.50 m	LPRD45 - 105375	LPRF45 - 105377	LPRB45 - 105663	LPRA45 - 105665
	5.00 m	LPRD50 - 105662	LPRF50 - 105460	LPRB50 - 105664	LPRA50 - 105666
Surface Rail	1.15 m	SRD12 - 442040			
	2.35 m	SRD24 - 442041			
	3.68 m	SRD36 - 103376	SRF36 - 105673	SRB36 - 105397	SRA36 - 105396
	4.50 m	SRD45 - 105671	SRF45 - 105407	SRB45 - 105669	SRA45 - 105667
	5.00 m	SRD50 - 105672	SRF50 - 105459	SRB50 - 105670	SRA50 - 105668
Heavy Duty Rail	3.90 m		HDRF39 - 105370		
	4.70 m		HDRF47 - 105674		
	4.80 m		HDRF48 - 105675		
	5.00 m		HDRF50 - 105676		

Rail accessories

Flooring and seating



M8 fasteners

Mandatory on floor installations meeting M1 loads using Low Profile and Surface Rail.

103380 M8 fasteners, set of 10 **103381** M8 fasteners, set of 100



Underfloor spreader plate

Useful for angled floor sections or where fitting a standard washer is difficult.

103382 Underfloor spreader plate



Rail alignment jig

Ensures perfect alignment during installation, avoiding later fitment issues.

102635 Rail alignment jig



Rail trim

Protects the tracking from damage and debris. Use with any rail.

103391 Rail trim, 4 m **103392** Rail trim, 25 m



Rail pocket

Pocket with a short rail inside. Fitted directly to the vehicle floor. Designed for WAVe

105345 Rail Pocket with cover



End caps (LPR)

Provide a neat finish to the ends of fitted low profile rails.

103383 Metal end cap 103385 Plastic end cap yellow 103386 Plastic end cap grey



End caps (SR)

Provide a neat finish to the ends of fitted surface rails.

103384 Metal end cap103387 Plastic end cap yellow103388 Plastic end cap grey



Our camper van systems provide camper van owners with safe and secure way to create bespoke floor layouts. These rail kits are particularly suitable for the VW T4 & VW T5 vehicles

When installed as per our written instructions, the camper van flooring kits meet with international safety standard requirements.



CVLP KIT 1 - **105250**



CVSR KIT 1 - **105677**

Camper Van Kits	Low Profile Rail	Surface Rail
Kit 1 - with 1.84m rail, fixings and end caps	CVLP KIT 1 105250	CVSR KIT 1 105677
Kit 2 - with 1.84m rail, 4 Standard Lockable, fixings and end caps	CVLP KIT 2 105236	CVSR KIT 2 105678



CVLP KIT 2 - **105236**



CVSR KIT 2 - 105678

All dimensions are for reference only

Space Legs

Low weight seat legs with screw locker.









480293 Seat bracket



Space Legs are seat legs that offer a simple way to secure the seat in the rails of the vehicle. Space Legs are bolted together making the seat legs perfectly square with no need to adjust to fit into the rails.

The standard Space Legs uses a simple screw locker mechanism to secure the seat in the rails. There is also the semi-permanent version, Space Legs fixed, which secures the seat to the rails by using an M1 or M2

Space Legs are tested and approved in combination with SpaceFloor according to M1 standards.

The optional wheels enable moving seats around the vehicle without lifting. To use Space Legs with our U-Seat the Seat bracket is needed due to the different hole pattern of the seat.

Quick facts

- · Low weight
- Rattle free
- Optional transport wheels

Specifications

MATERIAL

402256 Space Legs, screw locker **402276** Space Legs, fixed* 300x156 mm 300x156 mm 3.7 kg

*add gliders to mount it in a track, see "Floor accessories" on page 98

480293 Seat bracket **480143** Transport wheels

TwinLock

Joined seat legs with single hand locking feature.









480293 Seat bracket



The TwinLock is a joined set of seat legs with a mechanism to secure the seat in the rails of the vehicle. It's easy to use and requires only one hand for operation. The low friction surface under the TwinLock allows seats to slide back and forth effortlessly in the tracks. Once in the locked position, the seat is tensioned into the tracks so there is no rattle.

Each unit is a complete set of legs with a locker, all you need to add is your seat.

TwinLock is tested and approved in combination with SpaceFloor according to M1 standards.

The optional wheels enable moving seats around the vehicle without lifting. To use TwinLock with our U-Seat the Seat bracket is needed due to the different hole pattern of the seat.

Quick facts

- Easy to use single-handed operation
- Low weight
- Rattle free
- Available in two heights
- Optional transport wheels

Specifications

 402226
 TwinLock
 300x156 mm
 5.65 kg

 402221
 TwinLock
 230x156 mm
 5.15 kg

 480293
 Seat bracket

 480143
 Transport wheels

Seat fixtures

Secure fixation of seats in vehicle floors.









T-bolts

Functions as a non-removable fixing for permanent seat positions, or can be easily reset by loosening the securing nuts and sliding the seat along the rail. If the seats are to be repositioned, the nyloc nut must be replaced.

103403 25mm T-Bolt (M2) **103404** 25mm T-Bolt, 1" pitch

103405 25mm T-Bolt, 2" pitch **103406** 25mm T-Bolt, 3" pitch

Standard Lockable

A lightweight, secure and easy to operate seat fixture. The plunger mechanism enables the seat to be quickly locked into place. Transport wheels are available as an accessory to allow you to easily move seats outside the vehicle.

Successfully tested at MIRA, TUV and Status to M1 on single seat of up to 33kg and M2 on double seat, the seat fixture meets requirements of ECE

103401 Standard Lockable (SL) 38 x 3.2 x 1.7 cm 0.8 ka Transport wheels (TW)

Seat Locker

The Seat Locker is a device that locks the seat legs into a vehicle's floor tracking. Its main purpose is to add flexibility to a vehicle's seating configuration. Being the category's premium solution, the Seat Locker is a discreet low built lockable, engineered to be rattle free. A simple step on the actuator locks the seat into the tracking.

105517	Seat Locker, black (ULB-BE)	48.5 x 4 x 2 cm	1.25 kg
105803	Seat Locker, grey (ULS-BE)	48.5 x 4 x 2 cm	1.25 kg
105424	Seat Locker HD (M1), black	48.5 x 4 x 2 cm	1.4 kg
105689	Seat Locker HD (M1), grey	48.5 x 4 x 2 cm	1.4 kg
442021	Seat Locker DB (M2/M3), black	48.5 x 4 x 2 cm	1.4 kg
442022	Seat Locker DB (M2/M3), grey	48.5 x 4 x 2 cm	1.4 kg

105508 Transport wheels for Seat Locker (TWS)

HAL

A removable seat fixture suited to the community transport market. One single hand operation per fixture is all it takes to release the seat from the rail, so it can be either relocated or removed depending on the needs.

Transport wheels for moving seats outside the vehicle are available as an accessory as the integrated wheel is only designed for use within the vehicle.

HAL, 2 fixing bolts HAL, 3 fixing bolts 103399 43 x 4 x 2 cm 1.7 kg 1.8 kg 103400

103402 Transport wheels (only for HAL3)



Butterfly clips

A one point fixing which allows the seats to be quickly secured for transport, or just as easily to be removed by loosening the binx nut.

103412 Butterfly clip **105395** Butterfly clip (M10)

U-Seat

Durable and versatile M1 seat for passenger transportation.











The U-Seat is a cost effective and versatile seat. Available in two versions, a discreet standard version in all black and a public version with highly visible details. We can also offer other fabrics and customer-unique solutions upon request.

It has ISOFIX anchor points for child safety seats as well as an integrated 3-point seatbelt.

The U-Seat is designed to stay nice and clean even after years of heavy usage. The leatherette upholstery is durable and will not absorb liquids. The back ABS shell provides good protection from scuffs and marks. Both materials can be easily wiped cleaned with a wet cloth.

To ensure a high level of safety the U-Seat comes fully tested and approved to M1 standard. Each of the individual functions adheres to its specific current directives for homologation.

In short, the U-Seat is a safe bet in any tender.

Quick facts

- Cost effective seat
- Standard and high visible public version available
- Tested and approved to M1 standard
- Optional armrest

105888 105889 105890 105891 105700 105701 105702 105703	U-Seat Standard fixed, left U-Seat Standard fixed, right U-Seat Standard reclining, left U-Seat Standard reclining, right U-Seat Standard fixed leatherette, left U-Seat Standard fixed leatherette, right U-Seat Standard recline leatherette, right U-Seat Standard recline leatherette, right	16 kg 16 kg 19 kg 19 kg 16 kg 19 kg 19 kg
105177 105178 105179 105180	U-Seat Public fixed, left U-Seat Public fixed, right U-Seat Public reclining, left U-Seat Public reclining, right	16 kg 16 kg 19 kg 19 kg
105181	U-Seat Armrest (one)	

105181 U-Seat Armrest (one)
105182 Seat Legs (for Seat Locker or HAL)
480293 Seat bracket for TwinLock/Space Legs

TriflexAIR

Minimal space, maximum comfort.











TriflexAIR Seats combine minimal space with maximum comfort. Its ergonomic design ensures long lasting comfort during long trips. With maximum safety features that goes above & beyond the highest standards. With its clever folding feature, it's easy to obtain maximum space in one minimal movement.

The TriflexAir Seats has been succesfully tested according to M1 guidelines, UN R14-07 on both SpaceFloor and Innotrax.

Quick facts

401902

- M1 Approved & tested according to the highest safety standards
- Easy to fold/unfold in one effortless movement
- Ergonomic and slimline design with high quality materials
- Minimal space for maximum comfort for wheelchair passengers
- · Adjustable headrest allows unobstructied view
- Integrated 3-point seatbelt
- Available in multiple colours and upholstery

NOTE! These seats are NOT stock items. Delivery time is approximately 4-6 weeks.

401802	milexair fixed, left
401803	TriflexAIR fixed, right
401805	TriflexAIR folding, left
401806	TriflexAIR folding, right
401808	TriflexAIR folding leather, left
401807	TriflexAIR folding leather, right
401804	TriflexAIR folding Transit, left
401809	TriflexAIR folding Transit, right
401811	TriflexAIR mount block fixed
401812	TriflexAIR Leg
401813	TriflexAIR armrest, right
401814	TriflexAIR armrest, left
401815	TriflexAIR wheelarch bracket, kit 1
401816	TriflexAIR wheelarch bracket, kit 2
401817	TriflexAIR mount, kit wheelarch brid

Trifloy AID fixed left

EasiSit

A combined seat and wheelchair tie-down for wheelchair accessible transport services.







105452 EasiSit, bolted

105691 EasiSit, bolted with left armrest
105254 EasiSit, bolted with right armrest
105692 EasiSit, bolted with 2 armrest

105693EasiSit, with Standard Lockable and no armrest105694EasiSit, with Standard Lockable and left armrest105695EasiSit, with Standard Lockable and right armrest105696EasiSit, with Standard Lockable and 2 armrests

103414 Armrest set 105697 Armrest, left 105698 Armrest, right EasiSit is the perfect modular seating solution for PTS, ambulance sectors, airport transfer and school transport. EasiSit acts both as a standard seat and as a wheelchair restraint with full back, head and neck support. Both configurations include safety belts.

The look of the EasiSit can be tailored to your needs. We carry over 200 different upholstery and piping options in our range. EasiSit can be bolted to the vehicle floor for a permanent position or fitted with our seat fixtures for flexible seating layout.

Quick facts

- Narrow backrest and adjustable spacer bar makes it suitable for use with a wide range of wheelchairs models
- Small footprint guarantees more space in the vehicle
- Integrated longer seatbelts on both side for additional safety
- The look of the EasiSit can be tailored to your needs
- Karabiner wheelchair fitting to quickly secure wheelchairs
- Fitted with transport wheels for easy manoeuvre in and out of the vehicle

Specifications

WEIGHT	41.5 kg
HEIGHT	106 cm
WIDTH	40 cm
DEPTH FOI DED SEAT	22 cm

NOTE! EasiSit is NOT compatible with SpaceFloor M1 or SpaceFloor M2.