

VEILIGHEIDSGORDELS
EN VASTZETSYSTEMEN

Autoadapt voertuig- aanpassingssystemen



Reken op ons.

Auerhaan Lelystad is een bedrijf met een zeer lange historie; opgericht in 1885, is het bedrijf een bekende en betrouwbare toeleverancier van producten voor de carrosseriebouw, busbouw, machinebouw, scheepsbouw en jachtbouw. Vele vertegenwoordigingen van gerenommeerde fabrikanten in Europa en daarbuiten maken het productassortiment van Auerhaan tot een zeer breed programma. Het mag u dan ook duidelijk zijn dat de informatie die wij u geven via deze website nooit compleet kan zijn.



Floor and rails.

Products for a safe and flexible floor plan.



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Reken op ons.



Manufactured by Unwin in United Kingdom

Innotrax

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



The system is based on five plank types each available in five different lengths. This makes it possible to tailor each floor to the desired specification. Installation is quick, simple and quality assured. In short, the Innotrax rails will always be in perfect parallel to each other.

Innotrax is fully compatible with all Unwin products and tested to M1 standard. It offers certified approval across 16 different vehicle models from 11 major manufacturers.

Quick facts

- Flexibility in floor design
- Quick and simple installation
- Quality assured flooring
- Tested and approved in combination with all Unwin products
- Modular system with different sizes of plain and rail planks
- Can be ordered tailored to specifications

Specifications

MATERIAL Aluminium

To guarantee your safety Autoadapt products are designed and tested according to current directives and standards.

NOTE! Please contact us for a tailored floor design that fits your vehicle and requirements.



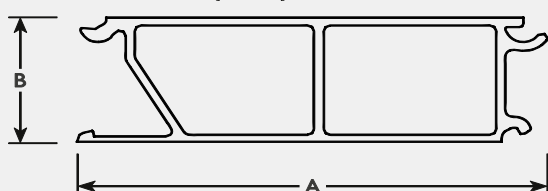
Innotrax

Dimensions and models

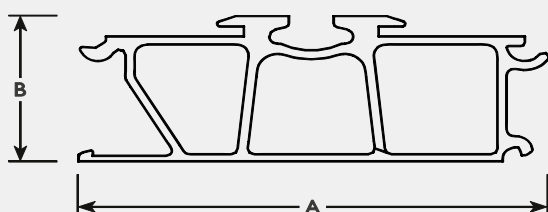
Contact us for a tailored floor design that fits your vehicle and requirements.

SIDE VIEW

PLAIN PLANK (P1, P2)



RAIL PLANK (R1, R2)



DOUBLE RAIL PLANK (R3)



Innotrax		Length	Width		Height	Weight kg/m
			A	B		
P1	P1 Innotrax plain plank	258, 317, 368, 450, 470	10.4	3.5		2.5 kg
P2	P2 Innotrax plain plank	258, 317, 368, 450, 470	13.8	3.5		2.98 kg
R1	R1 Innotrax rail plank	258, 317, 368, 450, 470	10.4	4.1		3.19 kg
R2	R2 Innotrax rail plank	258, 317, 368, 450, 470	13.8	4.1		3.66 kg
R3	R3 Innotrax double rail plank	258, 317, 368, 450, 470	20.9	4.1		5.38 kg
INNO/3	Innotrax installation case					

All weights and dimensions are given in kilograms and centimetres, and for reference only.



Manufactured by Unwin in United Kingdom

Rails

Three types of rails for various applications.

Low profile rail



Tried and tested over many years and first choice for many specifiers and vehicle converters, thank to its ease of installation and strength.

Low Profile Rail is installed by cutting a slit in the floor, in which the rails are placed. The rails protrude 3.5mm from the finished floor.

Can be cut to length under special order and is supplied drilled.

LPRD36 Low profile rail - drilled M8 (368 cm)

LPRF36 Low profile rail - undrilled (368 cm)

LPEC Metal end cap

RECLY Plastic end cap yellow

RECLG Plastic end cap grey

Surface rail



Surface mounted makes this rail simple and quick to fit in to most vehicle floors. More importantly it enables floor mounting in vehicles where a conversion using a flush fitted rail is not possible. In the finished floor the rails protrude 13.5mm.

Surface Rail can also, cant rail for a third point passenger restraint fitment or used as a wall storage rail for unused equipment.

Can be cut to length under special order and is supplied drilled.

SRD36 Surface rail - drilled M8 (368 cm)

SRF36 Surface rail - undrilled (368 cm)

SEC Metal end cap

RECSY Plastic end cap yellow

RECSG Plastic end cap grey

Heavy duty rail



Ideal for coach built conversions, this rail considerably increases the structural integrity of the vehicle floor strength.

To further improve the versatility of floor configuration Low profile rail can be fitted into Heavy Duty Rail's side channels.

Available in 3.95m or 4.50m lengths.

HDRF39 Heavy duty rail 39 (395 cm)

HDRF45 Heavy duty rail 45 (450 cm)



Manufactured by Unwin in United Kingdom

Accessories

Floor and rails

Rails



M8 fasteners

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

RF10 M8 fasteners, set of 10
RF100 M8 fasteners, set of 100



Underfloor spreader plate

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

USP Underfloor spreader plate



Rail jig

Ensures perfect alignment during installation avoiding later fitment issues.

RJ Rail jig, 330 mm



Rail insert

Protects the inner faces of the tracking from damage and debris. Use on tracking with scallops.

INS Rail insert, 305 mm



Rail trim

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

RT04 Rail trim, 4 m
RT25 Rail trim, 25 m

Innotrax



Installation case

All the tools required for a professional installation of the Innotrax Flooring system.

INNO/3 Innotrax installation case

Floor anchors



Floor anchor

Spring loaded, flush mounting floor anchor for Solo fixings.

SAS Floor anchor, 30 mm
SA Floor anchor, 50 mm
SAL Floor anchor, 90 mm



Static floor anchor

Stainless steel, raised mounting floor anchor for Solo fixings.

S10 Static floor anchor, 10 mm bolt



High viz floor anchor

A spring loaded floor anchor with a yellow fluorescent collar.

HVSA High viz floor anchor, 50 mm

Tie-downs and belts.

Products to safely secure people and
mobility aids for transport.



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Reken op ons.



Manufactured by Unwin in United Kingdom

Standard kits

Tie-downs and belts



WAV - kit I

For small WAVs with rear entry cut out floor.

Includes:

- 2 x Quattro retractor, plastic, stalk, karabiner (ORS05)
- 2 x Electric reel (4 m), cover, karabiner (SLR115)
- 1 x Retractable lap and diagonal belt (SLR207)
- 2 x Solo fixings (S10)



WAM - kit 3

For minibuses with tracking or rail pockets.

Includes:

- 4 x Quattro retractor, plastic, karabiner (FR02)
- 1 x Double inertia reel (OCR01)



WAM - kit 4

For minibuses with tracking or rail pockets.

Includes:

- 2 x Static straps, ATF feet (SYS02)
- 2 x Adjustable straps, ATF feet (SYS02)
- 1 x Double inertia reel (OCR01)



Manufactured by Unwin in United Kingdom



OEM - kit 5

For minibuses, coaches, ambulances with solo fixings.

Includes:

- 2 x Adjustable straps, stalk, karabiner (FRS02)
- 2 x Adjustable straps, karabiner (ORS01)
- 1 x Static lap and diagonal belt (SLR203)
- 4 x Solo fixings (S10)



OEM - kit 6

For minibuses, coaches, ambulances with solo fixings.

Includes:

- 2 x Quattro retractor, stalk, karabiner (ORS05)
- 2 x Quattro retractor, karabiner (SLR073)
- 1 x Static lap and diagonal belt (SLR203)
- 4 x Solo fixings (S10)



OEM - kit 7

For minibuses, coaches, ambulances with solo fixings.

Includes:

- 2 x Quattro retractor, metal, stalk, karabiner (ORS06)
- 2 x Adjustable strap, karabiner (ORS01)
- 1 x Static lap and diagonal belt (SLR203)
- 4 x Solo fixings (S10)



Manufactured by Unwin in United Kingdom

Tie-downs

Webbing based system to secure wheelchairs.



Much like a passenger using a seat belt in order to safely travel, a wheelchair must be secured with Tie-downs when being transported in a vehicle. Unwin Wheelchair Tie-downs come in several variants where each model has its own set of advantages depending on the needs.

Unwin tie-downs are tested and approved in combination with Unwin flooring systems.

To guarantee your safety Autoadapt products are designed and tested according to current directives and standards.

Tie-downs

Models

Tie-downs		Floor fittings	Wheelchair fixings	Webbing colour
Quattro retractors for use at front or rear (Express = self tensioning)				
SLR072	2 x Quattro retractor, plastic cover	anchor	buckle	black
SLR073	2 x Quattro retractor, plastic cover	anchor	karabiner	black
SLR078	2 x Quattro retractor, metal cover	anchor	karabiner	black
SLR074	2 x Quattro Express retractor, plastic cover	anchor	karabiner	black
SLR075	2 x Quattro Express retractor, metal cover	anchor	karabiner	black
SLR022	2 x Quattro retractor, plastic cover	rail	buckle	black
SLR023	2 x Quattro retractor, plastic cover	rail	karabiner	black
SLR024	2 x Quattro Express retractor, plastic cover	rail	karabiner	black
SLR025	2 x Quattro Express retractor, metal cover	rail	karabiner	black
FRS01	2 x Quattro retractor, metal cover	anchor	karabiner	red
FR01	2 x Quattro retractor, plastic cover	rail	buckle	red
FR02	2 x Quattro retractor, plastic cover	rail	karabiner	red
FR03	2 x Quattro retractor, metal cover	rail	buckle	red
FR04	2 x Quattro retractor, metal cover	rail	karabiner	red
ORS05	2 x Quattro retractor, plastic cover, for rear use, with small stalk for occupant belts	anchor	karabiner	black
ORS07	2 x Quattro retractor, plastic cover, for rear use, with small stalk for occupant belts	anchor	buckle	black
ORS06	2 x Quattro retractor, metal cover, for rear use, with small stalk for occupant belts	anchor	karabiner	red
ORS08	2 x Quattro retractor, metal cover, for rear use, with small stalk for occupant belts	anchor	buckle	red
Webbing straps (static = front use only, adjustable = both front and rear use)				
SLR071	2 x Static strap + 2 x Adjustable webbing *	anchor	front: buckle rear: karabiner	black
SLR070	2 x Static strap + 2 x Adjustable webbing *	anchor	buckle	black
SLR021	2 x Static strap + 2 x Adjustable webbing *	rail	front: buckle rear: karabiner	black
SLR020	2 x Static strap + 2 x Adjustable webbing *	rail	buckle	black
SYS02	2 x Static strap + 2 x Adjustable webbing	rail	front: buckle rear: karabiner	red
OFS01	2 x Static strap *	anchor	buckle	red
OF01	2 x Static strap *	rail	buckle	red
OF02	2 x Static strap *	rail	karabiner	red
ORS01	2 x Adjustable strap	anchor	karabiner	red
OR02	2 x Adjustable strap	rail	karabiner	red
OR01	2 x Adjustable strap	rail	buckle	red
FRS02	2 x Adjustable strap, with stalk for occupant belts	anchor	karabiner	red
FRS03	2 x Adjustable strap, with stalk for occupant belts	anchor	buckle	red
OF08	2 x Titan adjustable strap	rail	karabiner	black
OR03	4 x Titan adjustable strap	rail	karabiner	black
Electric front reels				
SLR115	2 x Electric reel, 4 m, Plastic cover	bolt	karabiner	black
SLR102	2 x Electric reel, 4 m, Plastic cover	bolt	buckle	black
SLR120	2 x Electric reel, 4 m, No cover	bolt	karabiner	black
SLR103	2 x Electric reel, 4 m, No cover	bolt	buckle	black
SLR116	2 x Electric reel, 3 m, Plastic cover	bolt	karabiner	black
SLR104	2 x Electric reel, 3 m, Plastic cover	bolt	buckle	black
SLR119	2 x Electric reel, 3 m, No cover	bolt	karabiner	black
SLR105	2 x Electric reel, 3 m, No cover	bolt	buckle	black

All weights and dimensions are given in kilograms and centimetres, and for reference only.
*not suitable for M3 applications

Wheelchair fixings



Tongue and buckle



Karabiner

Webbing straps



Static straps



Adjustable straps

Retractors (Quattro)



Plastic cover



Metal cover

Floor fittings



Rail (ATF)



Solo anchor

Electric reels



With cover



Without cover



Manufactured by Unwin in United Kingdom

Occupant belts

Various solutions to provide safe travel for passengers seated in wheelchairs.



Seat belts are essential for safe travel in a vehicle. We provide a number of solutions that will ensure flexibility and optimum safety.

Our Unwin 3 point safety belts are all tested and approved in combination with Unwin flooring systems.

To guarantee your safety Autoadapt products are designed and tested according to current directives and standards.

Floor fittings



Rail (ATF)



Solo anchor

Occupant belts

Models



Occupant belts		Floor fittings	Webbing colour
LB	Lap belt	rail (ATF)	black
LBS	Lap belt (for use with FRS02/03, ORS05/06/07/08)	n/a	black
SLR203	Static lap and diagonal belt (for use with FRS02/03, ORS05/06/07/08)	n/a	black
SLR108	Static lap and diagonal belt	rail (ATF)	black
SLR207	Retractable lap and diagonal belt (for use with FRS02/03, ORS05/06/07/08)	n/a	black
SLR107	Retractable lap and diagonal belt	n/a	black
OCR01	Double inertia reel for 3rd point fixing add 3PTR or 3PTF	rail (ATF)	red/black
3PTF	Upper 3rd point, fixed (use with OCR01)	bolt	red
3PTR	Upper 3rd point, removable (use with OCR01)	rail (ATF)	red
3PTLB	3rd point, fixed (use with LB/LBS)	bolt	black
Combined tie-down and occupant seatbelt pair - REAR ONLY			
ORS02	Combined webbing with karabiner + occupant seatbelt	solo anchor	red
OR10	Combined webbing with karabiner + occupant seatbelt	rail (ATF)	red
ORS03	Combined Quattro retractor (metal) with karabiner + occupant seatbelt	solo anchor	red
OR14	Combined Quattro retractor (metal) with karabiner + occupant seatbelt	rail (ATF)	red

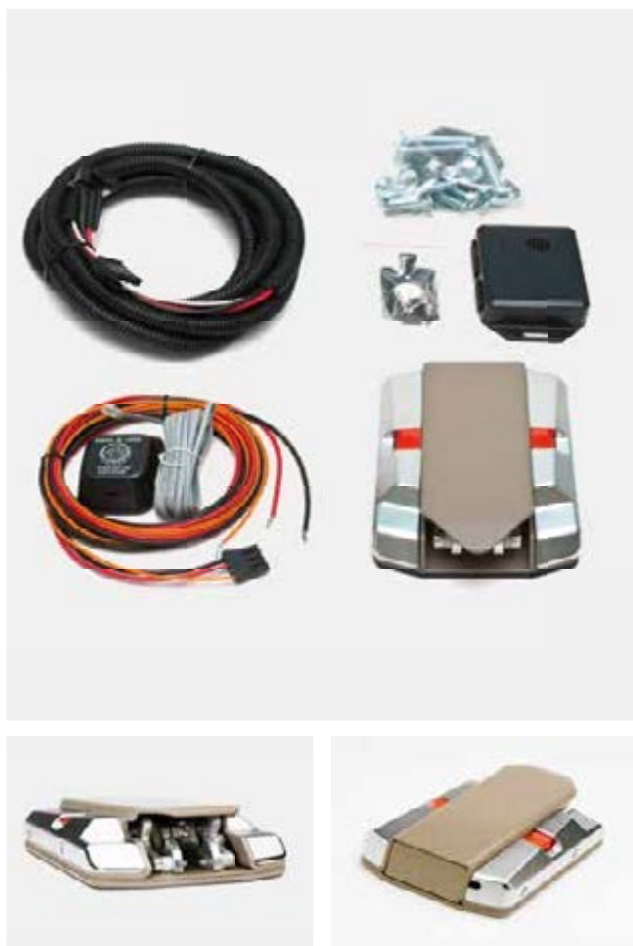
All weights and dimensions are given in kilograms and centimetres, and for reference only.



Manufactured by Unwin in United Kingdom

Dock'N'Lock

Self-docking system to secure a powered wheelchair.



A vehicle fitted with a Dock'N'Lock allows the wheelchair user to simply manoeuvre into a safe and locked position for driving. The system has been successfully tested to sustain wheelchair weight of up to 200 kg. The low-profile wheelchair bracket enables maximum ground clearance to prevent snagging on uneven surfaces.

Quick facts

- Drive from a wheelchair position
- Easy docking from any angle
- Secure most wheelchairs including mid-wheel powerchairs
- Visual and audible warning indicator allows quick wheelchair release
- Low-profile wheelchair bracket gives maximum ground clearance

Specifications

WEIGHT CAPACITY 200 kg

To guarantee your safety Autoadapt products are designed and tested according to current directives and standards.

DNL	Dock'N'Lock
DLWB	Wheelchair bracket
WSP	Wheelchair strengthening plate
DLSB	Stabilising bracket

DLSB is used for the following wheelchairs:

Invacare XTR/XTR2
 Otto Bock B500/B600
 Pride Mobility Quantum 600/610/6000
 Sunrise Medical Quickie F40/Groove/Hula/Jive/Rumba/Salsa/Tango

NOTE! See our wheelchair bracket list for compatible wheelchair models.



Manufactured by Unwin in United Kingdom

Accessories

Tie-downs and restraints

Occupant restraints



2 point static harness

Posture belt that helps users achieve an upright sitting position.

SHA Static harness, adult size



Extension strap

For the use with OCR01.

ES200 Extension strap, 200 mm
ES400 Extension strap, 400 mm



Bestvest

Ensures proper seatbelt geometry at all times.

BS Bestvest adult, small
BM Bestvest adult, medium
BL Bestvest adult, large
BXL Bestvest adult, X large

B128 Bestvest child, 116-128 cm
B140 Bestvest child, 128-140 cm
B152 Bestvest child, 140-152 cm
B164 Bestvest child, 152-164 cm

Dock'N'Lock



Wheelchair bracket

The bracket secures to the underside of the wheelchair to mate with the Dock'N'Lock station.

DLWB Wheelchair bracket



Strengthening plate

To be used with the Wheelchair bracket if required.

WSP Strengthening plate



Stabilising bracket

Floor mounted bracket to secure most wheelchairs including mid-wheel power chairs.

DLSB Stabilising bracket



Stabilising mounting plate

Mounts on the wheelchair in conjunction with the stabilising bracket.

SMPI Mounting plate, 1 mm
SMP5 Mounting plate, 5 mm
SMP10 Mounting plate, 10 mm

Tie-downs



Manual release cable

Allows remote emergency release of the docking system.

MK Manual release cable



Spacer plate

Use with the wheelchair bracket if extra space is required from the base of the wheelchair.

SP5 Spacer plate, 5 mm
SP10 Spacer plate, 10 mm



D-rings

Enables karabiners to be used on where they normally wouldn't fit or reach.

DR120 D-rings



Wheelchair strap

Secures empty folded wheelchairs or other items during transport.

RS Wheelchair strap, rail

Seating.

Seats and accessories that can help a person to comfortably and safely travel in a vehicle.





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Reken op ons.

Compact Seat

Economic low built seat.



CE MARKED

FLAMMABILITY TEST
APPROVEDCRASH TEST
APPROVED

Compact Seat is a safe and economical alternative to other more feature rich car seats that is designed to blend in with the vehicle's interior.

The optional Plus kit raises the front of the seat cushion which increases seating comfort and helps prevent users from sliding forward. We highly recommend this kit on all Compact Seat installations.

The Compact Seat is tested and approved according to M1 standards in combination with Turny and Turnout.

Quick facts

- Blends in with the car interior
- Optional Plus kit for increased seating comfort
- Optional armrests
- Fits Carony and Turny/Turnout
- Tested and approved for use as wheelchair seat and car seat
- Low profile

Specifications

WEIGHT 12 kg

DIMENSIONS (H, L, W, D) 84 x 55 x 51 x 48 cm

To guarantee your safety Autoadapt products are designed and tested according to current directives and standards.

- I02593** Compact seat
I02978 Compact seat Plus
I02893 Plus raising kit
I00848 Armrest kit
I00428 Armrest, right
I00429 Armrest, left

NOTE! Compact Seat does NOT have a release catch that allows the backrest to fold forward.

Manufactured by Recaro

Recaro Specialist L

Comfortable and ergonomic low built seat.



The Recaro Specialist L seat is a low built seat with a bucket seat cushion. Pull-out seat extensions together with robust side bolsters of the backrest ensure a comfortable and ergonomically correct driving position.

The Recaro Specialist L is tested and approved according to MI standards in combination with Turny and Turnout.

Quick facts

- Excellent support for both legs and thighs
- Optional armrests, heating in the backrest and seat.
- Fits Carony and Turny/Turnout
- Low profile

Specifications

WEIGHT 18 kg

DIMENSIONS (H, L, W, D) 85 x 56-60 x 54 x 49,5-53,5 cm

To guarantee your safety Autoadapt products are designed and tested according to current directives and standards.

- 100693** Recaro Specialist L
- 101153** Comfort headrest, Recaro
- 102618** Armrest kit
- 101879** Armrest, right
- 101880** Armrest, left



CE MARKED



FLAMMABILITY TEST
APPROVED



CRASH TEST
APPROVED

BEV Seat

Ergonomic low built seat, specially designed for easy individual adaptation using a variety of BEV options.



Originally designed for use in combination with the Turny or the Turnout the BEV seat is a highly adaptable seat with a wide number of accessories for individual adaptation.

A variety of accessories such as torso or lumbar supports can be fitted and the cushions are easily removed from their Velcro fasteners for cleaning or replacement.

The sides of the cushion have easy-slide upholstery for transfers to and from a wheelchair. The BEV seat is also easily adapted for children who need a shorter cushion or have other particular needs.

The BEV Seat is tested and approved according to M1 standards in combination with Turny and Turnout.

Quick facts

- Highly adaptable with many accessories
- Fits Carony and Turny/Turnout
- Low built
- Tested and approved for use as wheelchair seat and car seat

Specifications

WEIGHT 13 kg

DIMENSIONS (H, L, W, D) 82 x 57,5 x 51 x 47-52 cm

To guarantee your safety Autoadapt products are designed and tested according to current directives and standards.



BEV Seat

Dimensions and models



100420 BEV seat



102594 BEV Kids seat



100458 Comfort headrest



101365 Kids headrest



100665 Head support



100430 Side support



102193 Backrest cushion



100432 Lumbar support



100699 Foldable backrest kit



100848 Armrest kit
100428 Armrest, right
100429 Armrest, left



102194 Seat cushion
102191 Pressure seat cushion



GS Seat

A highly adaptable seat for children and people of short stature.



On the GS Seat almost everything can be individually adjusted, for example the seat depth and the position of each arm rest in all three dimensions. The GS Seat also has a wide number of accessories that will help further adapt the seat to a user's specific needs.

Designed with the growing child in mind, the GS Seat can be adjusted to provide comfortable and safe seating between the ages 3 and 12 depending on body development.

The GS Seat is tested and approved according to M1 standards.

Quick facts

- Highly adaptable with many accessories
- Can "grow" with a child
- Easy to adjust for the caregiver
- Fits Carony and Turny/Turnout

Specifications

WEIGHT 28 kg

DIMENSIONS (H, L, W, D) 78 x 55 x 51 x 22-45 cm

To guarantee your safety Autoadapt products are designed and tested according to current directives and standards.

NOTE! The posture belt included in the GS Seat is not a safety belt.

NOTE! GS seat is not tested according to ECE R44 or R129.



GS Seat

Dimensions and models



I03235 GS Seat
5-point belt, headrest small sides, leg support



Choose size of the side support
I03237 Side support Large
I03238 Side support Small



I03252 Headrest large sides



I03250 Headrest
For tall users



I03243 Armrest kit



I03248 Relieve table
If the armrest is not enough



I03089 Chest padding 5-p belt
Improves comfort and prevents belt sliding apart



I03245 Incontinence cover
Protects the seat pillow



I03249 Abduction block
Keeps legs apart



I03242 Belt deflector



I03244 Footrest
I03253 Straps with loop
I03088 Heel support



I03247 Lumbar support, air



I03086 Adapter plate
Gives BEV Seat hole pattern



Manufactured by Unwin in United Kingdom

EasiSit

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



This flexible seating solution acts both as a standard seat and as a wheelchair restraint with full back, head and neck protection. Both configurations include a safety belt.

EasiSit can be bolted to the vehicle floor for permanent position or can be fitted with Unwin removable seat fixture for seating layout flexibility.

EasiSit has been tested to ISO 10542 and meets the approval requirements for M1 and M2 vehicles.

Quick facts

- Standard seat and Wheelchair restraint with integrated back, head and neck protection
- Integrated safety belt
- Wide range of upholstery selections
- Narrow backrest ensures compatibility with a wide range of wheelchairs

To guarantee your safety Autoadapt products are designed and tested according to current directives and standards.

ESBN EasiSit, standard

ARL/ARR Armrests

SL Seat fixtures M1 - removable





Manufactured by Unwin in United Kingdom

Seat fixings

Seating systems



HAL (Hand Actuated Lockable)

A removable seat fixture suited to the community transport market. HAL makes it very simple to quickly remove a seat from the rail. One single hand operation per fixture is all it takes to release the seat from the rail, before it can be relocated or completely removed according to the current needs. HAL is rattle free and designed to fit any seat leg and any rail.

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.

HAL2 HAL - 2 fixing bolts

HAL3 HAL - 3 fixing bolts

TW Transport wheels (only for HAL3 and SL)



Removable seat fixture

A Lightweight, secure and easy to operate seat fixture. A 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 Unwin seat fixture meets requirements of ECE regulation 14 and EU directives 76/115.

SL Seat fixtures M1 - removable

TW Transport wheels (only for HAL3 and SL)



Semi-permanent seat fixtures

T-Bolts function 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.

The Butterfly Clip is 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, thus providing added floor layout versatility.

25mm T-bolt (M1)

TN1 T-bolt, 25.4 mm pitch

TN2 T-bolt, 50.8 mm pitch

TN3 T-bolt, 76.2 mm pitch

T-bolt (M2)

TN T-bolt (M2), 25 mm

Butterfly clip (M2)

RBC Butterfly clip, removable

Ramps.

Ramps that can help a person to comfortably and safely enter a vehicle while seated in a wheelchair.



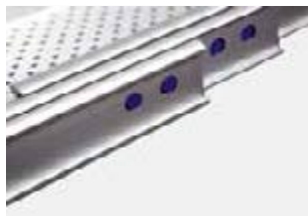
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Reken op ons.

Manufactured by FEAL in Sweden

Portable ramps

Lightweight and durable portable wheelchair ramps.



Fixed, folding or telescopic. Our portable ramps are available in a variety of different shapes and sizes. They're easy to bring along on trips or to places that do not have fixed ramps. Features include handles that retract effortlessly, simple locks that you can open and close in one easy step, and superior slip resistance.

All of our portable ramps have a side profile of 52 mm in height, except FL 110, FL 150 and FL 200, which have a 35 mm side profile. In these, the side profile also functions as a handle.

Quick facts

- Anti-slip surface
- High loading capacity
- Designed and manufactured in Sweden
- 5 years warranty

Specifications

MATERIAL Aluminium

To guarantee your safety Autoadapt products are designed and tested according to current directives and standards.

NOTE! All portable ramps are sold per 1 piece. You have to order 2 pieces to get a pair of ramps

IRP		Length	Width	Internal width	Recommended max height	Max load	Weight
102985	IRP50	52	78	76	10	350	3.8
102986	IRP90	92	78	76	18	350	6.5
102987	IRP120	116	78	76	24	350	8.7
102988	IRP170	167	78	76	34	350	12.5
102989	IRP200	200	78	76	40	350	14.7

All weights and dimensions are given in kilograms and centimetres, and for reference only.





Portable ramps

Dimensions and models

Fixed		Length	Recommended max height	Internal width	Max load/ pcs	Weight/ pcs
102195	X 50	55	10	21	200	1.5
102196	X 100	116	20	21	200	3.1
102420	XW 100	106	20	27	200	3.5

All weights and dimensions are given in kilograms and centimetres, and for reference only.



Folding		Length	Length folded	Internal width	Recommended max height	Max load/ pcs	Weight/ pcs
102863	F 110	110	57	21	20	200	3.8
102864	F 150	150	76	21	30	200	4.9
102865	F 200	200	101	21	40	150	6.3
101057	FL 110	110	56	18	20	200	2.3
101058	FL 150	150	76	18	30	200	3.4
101007	FL 200	200	101	18	40	150	6

All weights and dimensions are given in kilograms and centimetres, and for reference only.



Telescopic		Min. length	Max length	Internal width	Recommended max height	Max load/ pcs	Weight/ pcs
102983	T 90	58	90	19	20	200	2.8
102984	T 120	75	119	19	25	200	3.7
101062	T 200	116	202	19	40	150	5.6
101060	T 200-3	87	199	17	40	150	6.5
101021	T 300	116	288	17	60	125	8.2

All weights and dimensions are given in kilograms and centimetres, and for reference only.



Folding telescopic		Length	Length folded	Internal width	Recommended max height	Max load/ pcs	Weight/ pcs
102422	FTW 200	205	77	25	40	150	8.3
102423	FTW 300	295	107	25	60	125	11.4
102418	FT 200	201	76	19	40	150	6.8
102419	FT 300	276	101	19	60	125	8.6

All weights and dimensions are given in kilograms and centimetres, and for reference only.



Manufactured by FEAL in Sweden

Tailboard ramps

High quality wheelchair ramps for vehicle installation.



Our transport and tailboard ramps have a unique surface treatment that provides excellent grip and makes loading and unloading simple and safe. They are secured in the vehicle with our floor mounting plates and can be mounted or removed in one easy step. The perforations allow the driver to see through the folded ramp in the rear view mirror.

Quick facts

- Anti-slip surface
- High loading capacity
- Can be tailor-made according to your specific dimensions to meet your demands
- Many vehicle specific mounting brackets available for quick installations
- Universal mounting bracket for installations on rail floors
- Designed and manufactured in Sweden
- 5 years warranty

Specifications

MATERIAL Aluminium

To guarantee your safety Autoadapt products are designed and tested according to current directives and standards.

Anyramp		Length	Length folded	Inside width	Max load	Weight
102875	VR 16	160	85	82	400	18
102876	VR 20	200	105	82	400	21
102877	VR 25	250	130	82	400	25

All weights and dimensions are given in kilograms and centimetres, and for reference only.





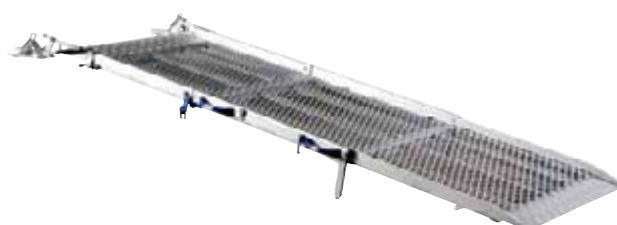
Vehicle specific mounting brackets available

Tailboard ramps

Dimensions and models

A floor fixed device (102874) is included.

Accessories are available separately.



2-part ramps

		Length	Height folded	Inside width	Max load	Weight
82 cm width						
100565	BGR 19	182	102	82	400	22
101055	BGR 21	202	112	82	400	24
101056	BGR 23	222	122	82	400	26
100845	BGR 27	262	142	82	400	30
103268	BGR 30	280	154	82	400	34
90 cm width						
102799	BGR 90-19	182	102	90	400	21
102800	BGR 90-23	222	122	90	400	26
102860	BGR 90-27	262	142	90	400	30
Checkered aluminium on the sides						
102793	BGR D 21	202	112	82	400	24
102794	BGR D 23	222	122	82	400	26
102795	BGR D 27	262	142	82	400	30

All weights and dimensions are given in kilograms and centimetres, and for reference only.

3-part ramps

		Length	Height folded	Inside width	Max load	Weight
82 cm width						
100005	BGR 19-3	171	67	80	400	23
100006	BGR 25-3	235	92	80	400	28
100886	BGR 27-3	265	102	80	400	30
100887	BGR 33-3	325	122	80	400	35
102791	BGR 37-3	365	135	80	400	39
90 cm width						
102861	BGR 90-33-3	325	122	88	400	34
102862	BGR 90-37-3	365	135	88	400	38
Checkered aluminium on the sides						
102796	BGR D 27-3	265	102	80	400	37
102797	BGR D 33-3	325	122	80	400	34
102798	BGR D 37-3	365	135	80	400	38

All weights and dimensions are given in kilograms and centimetres, and for reference only.

Manufactured by FEAL in Sweden

Professional tailboard ramps

Heavy-duty wheelchair ramps for vehicle installation.



Designed for the community transport market, the Professional Tailboard ramps from FEAL are unmatched in performance, quality and price. The ramps have up to 600 kg loading capacity and come with the same anti-slip surface treatment as all FEAL ramps.

The emergency kick-out wheels will allow the ramp to be deployed from within the vehicle in case of an emergency. Additionally the wheels make every day ramp operations easier.

Quick facts

- Anti-slip surface
- Up to 600 kg loading capacity
- Emergency deployment
- Ergonomic operation
- Designed and manufactured in Sweden
- 5 years warranty

Specifications

MATERIAL Aluminium

To guarantee your safety Autoadapt products are designed and tested according to current directives and standards.

NOTE! The professional ramps are permanently installed in the vehicle.

2-part ramps		Length	Height folded	Inside width	Max load	Weight
205 cm length, emergency kit included						
103269	BGR 90-21	205	112	90	400	25
103270	BGR 90-21	205	112	90	450	25
103271	BGR 90-21	205	112	90	500	25
103272	BGR 90-21	205	112	90	600	25
245 cm length, emergency kit included						
103273	BGR 90-25	245	132	90	400	28
103274	BGR 90-25	245	132	90	450	28
103275	BGR 90-25	245	132	90	500	28
103276	BGR 90-25	245	132	90	600	28
280 cm length, emergency kit included						
103277	BGR 90-30	280	154	90	400	30
103278	BGR 90-30	280	154	90	450	30
103279	BGR 90-30	280	154	90	500	30

All weights and dimensions are given in kilograms and centimetres, and for reference only.

Vehicle specific mounting brackets available

Manufactured by FEAL in Sweden

Accessories

Ramps

Tailboard ramps



Safety straps

Secures the ramp for transport.

I02870 Safety straps



Floor fixed device

A set of hooks permanently installed in the vehicle. Fits the clasps that holds the ramp in place.

I02874 Floor fixed device, pair



Adapter plate

For installation in standard flooring, can be cut as needed.
1200x300x6 mm

I03284 Universal adapter plate



Mounting plate

For installation in vehicles with rail flooring.

I02883 Universal mounting plate



Turnable mounting plate

Enables the ramp to rotate on the left or right axis, for a clear passage when stowed. Choose which axis to rotate on and width depending on your specific ramp model. Available as a factory installed option or as a kit for retrofitting old ramps.

Factory installed

I02867 left axis, 80 cm
I02885 right axis, 80 cm
I03732 left axis, 90 cm
I03733 right axis, 90 cm

Kit for retrofitting

I02868 left axis, 80 cm
I03735 right axis, 80 cm
I03736 left axis, 90 cm
I03737 right axis, 90 cm

Vehicle specific mounting brackets

I02884 for Opel/Vauxhall Vivaro / Renault Trafic / Nissan Primastar 2010-2013
I02885 for Opel/Vauxhall Movano / Renault Master / Nissan Interstar 1997-2010
I02886 for VW Transporter T5 2003-
I02887 for Mercedes Sprinter / VW Crafter 2006-
I02888 for Mercedes Vito/Viano 2003-
I02889 for Peugeot Boxer / Citroen Jumper / Fiat Ducato 2006-
I02890 for Peugeot Expert / Citroen Dispatch/Jumpy / Fiat Scudo 2007-
I02891 for Ford Transit 2006-
I02892 for Opel/Vauxhall Movano / Renault Master / Nissan NV 400 2011-
I02973 for VW Caddy Life/Maxi 2003-
I02974 for Opel Combo 2004-

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Reken op ons.

