

Instructions for use

GL4



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Warnings and symbols

- These instructions contain information about possible dangers that could arise with incorrect use and/or improper behaviour.

A distinction is made between the following:

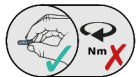
	Danger!
Failure to observe the warning can cause severe personal injury and/or serious material damage!	

	Caution!
Failure to observe the instructions can cause personal injury and/or material damage!	


	Important!
Failure to do so can result in material damage!	


	Information!
Recommendations and useful hints!	


Symbols

	This symbol indicates that the screw fixing is only to be tightened hand-tight!
--	---

Information on the document

	Caution!
<p>Injury from lifting too heavy a load</p> <p>The van racking system may be too heavy for one person, depending on the configuration. This could result in minor injuries.</p> <ul style="list-style-type: none"> • Installation should be carried out by two persons. • Ensure a safe working environment; park the vehicle on a flat and solid surface. • If the vehicle is to be driven off normal roads, all screw connections need to be fitted using an appropriate screw locking tool. • When installing the van racking system, make sure that all existing service access points (e.g. first-aid box, spare wheel) remain accessible after installation. 	

	Information!
<p>Depending on the configuration, several van racking systems are included in the delivery. We recommend that you install them separately from each other.</p>	

	Important!
<p>Ensure that the specified screw fixing torques are adhered to.</p> <ul style="list-style-type: none"> ➤ M5 = 4 Nm ±10% ➤ M6 = 7.5 Nm ±10% ➤ M8 = 20 Nm ±10% <p>If other torques are required, they are specified in the instructions!</p>	


Intended use

The Sortimo "Globelyst" van racking system is designed for use in vans / panel vans due to its durability.

The rack system is used to transport and store a wide variety of tools and materials.

If the van racking is used, then a suitable divider should be installed to separate the cargo area from the driver's cab

Foreseeable misuse

	Caution!
<p>Damage to property and a risk of injury from damaged products. Severe injuries can result from the use of damaged products.</p> <ul style="list-style-type: none"> • Do not use damaged products. • Replace damaged products with new products. • Do not repair damaged products at your own discretion. 	

Operator's obligations


Ensure that ...

- the applicable laws and standards are observed (e.g. StVO road traffic regulations and professional association guidelines).
- the safety labels are visible and legible on the product.
- the safety equipment is present and undamaged. The safety devices include:
 - divider,
 - ventilation/air extraction.
- the van racking is regularly inspected for wear or damage.
- there are sufficient lashing points available.
- suitable lashing and load securing devices are provided.
- the vehicle has suitable ventilation and air extraction when gas cylinders are being transported.
- the user has read and understood this document.
- the user has the required knowledge and can apply it.

Requirements for the user

Life phases	Knowledge
Fitting and dismantling the product	- Technical expertise
Working on the electrics	- Specialist electrical engineering knowledge - Applicable legislation and standards, e.g. VDE 0100-717
Securing of load	- The applicable legislation and standards governing the securing of loads, e.g. the German Road Traffic Act StVO and the German Regulation on the Approval of Road Vehicles StVZO.
Transporting gas cylinders	- Applicable laws and standards governing the transport of dangerous materials, such as GGVSE, ADR and SDB. - Operation of the ventilation and air extraction systems.

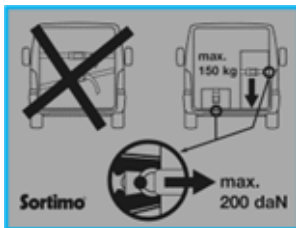
Safety markings

	Caution!
<p>Dangerous situations cannot be avoided if safety markings are illegible or missing from the product.</p> <ul style="list-style-type: none"> • Make sure every day that all safety labels are visible on the product. • Replace a safety marking if it is missing or illegible. 	

Adhesive labels


There are adhesive labels affixed at various points in the vehicle. These adhesive labels act as guides. The adhesive labels must be legible; if they are not legible, they must be replaced.

Securing of load



This safety label can be found in the vehicle's cargo area. It contains instructions for securing cargo with ProSafe lashing straps.

- If cargo is lashed to the side of the van racking, the cargo must be in contact with the floor. In addition, the weight of the load must not exceed 150 kg.
- The lashing points are resilient to a maximum of 200 daN.
- If cargo is lashed on the SoboPro, the distance between the load and the lashing point must not exceed 15 cm.
- Only use designated lashing points.
- The lashing hooks of a lashing strap must be fastened to lashing points of the same element.
 - Example: If the first lashing hook is attached to the floor, then the second lashing hook must be attached to another lashing point of the floor.

	Caution!
<p>Braking, accelerating, taking bends or swerving causes forces on the cargo. An unsecured load can topple over or slip.</p> <ul style="list-style-type: none"> • Secure all objects in the cargo area against tipping and slipping. • Secure cargo inside the van racking with a tight fit. • Use dividers and anti-slip mats inside drawers and shelves. • Check that the load is secure before setting off every time. <p>Observe the applicable laws in accordance with StVO §22, 23 and StVZO §30, 31 relating to load securing.</p>	

Checking van racking system

Check the following elements regularly for wear or damage.

- Car body,
- Floor,
- Van racking system,
- Screw connections.

Interval:

- At least every 5000 km.
- After any unusual loads, e.g. emergency braking.

Care:

- Use a damp cloth to clean the van racking system at regular intervals. Avoid using highly corrosive cleaning agents to prevent damage to the van racking system.

Repairs:

- Repair work may only be carried out by Sortimo partners.

Limitations of use



Danger!

The maximum permitted load weight must not be exceeded!

- Pay attention to the weight of your van racking system.
- Note the maximum permitted load capacity/payload of the elements.
- When using, make sure that the tools and consumables are held securely in place.
- Danger from falling objects
- Observe the specifications in the handbook and in the vehicle documentation.
 - Maximum permissible axle load,
 - Maximum permissible total weight.

Gas transport

Risk of suffocation/explosion



Danger!

If gas cylinders are transported without the specified ventilation and air extraction equipment, leaking gas can cause suffocation, poisoning or an explosion in the cargo area!

- According to legal regulations, vehicles that transport gas cylinders must be equipped with ventilation and air extraction equipment.
- It is not permitted to transport gas cylinders if there is no ventilation and air extraction equipment that meets the legal requirements installed in the mobile workshop.

The law requires there to be vehicle ventilation when transporting gas cylinders.

The ventilation and air extraction must not be blocked (not even temporarily) or closed through other measures! There is risk of explosion and suffocation!

Transport regulation

The products are delivered in proper packaging and must be immediately checked for externally recognisable transport damage upon receipt.

Any complaints must be sent to the carrier immediately.

- Dispose of packaging material in accordance with local/national regulations.

Disposal

The Sortimo "Globelyst" van racking system is made of recyclable materials such as aluminium, steel or high-quality plastics. The van racking system can be reused at the end of the user cycle, thus helping to protect the environment.

- Dispose of the van racking system in accordance with local/national regulations or by returning it directly to the manufacturer.

Load-carrying capacities

Designation	Remark	Maximum permissible load weight
Storage pocket	Load-carrying capacity	3 kg
Storage pocket for paperwork	Load-carrying capacity	2 kg
Shelf	Surface load	80 kg
Drop-down front	Surface load	80 kg
Shelf tray	Surface load	80 kg
Hook strip	Load-carrying capacity	12 kg
Case rail	Surface load	25 kg
Case tray	Surface load	25 kg
Long components tray	Surface load	25 kg
i-BOXX	Load-carrying capacity	3 kg
i-BOXX wall holder	Load-carrying capacity	3 kg
L-BOXX / LS-BOXX	Load-carrying capacity	12 kg
L-BOXX trolley	Load	100 kg
Metal cases	Load-carrying capacity	20 kg
Hose holder	Load-carrying capacity	5 kg
Drawer	Surface load, indication on telescopic extension	30 / 60 / 90 kg
Multi-functional pull-out element	Surface load	200 kg
Jumbo-Unit	Surface load	100
T-BOXX	Load-carrying capacity	12 kg
SR-BOXX	Load-carrying capacity	12 kg
Workbench slide	Carrying capacity	50 kg
Hinged workbench	Carrying capacity	100 kg
Heavy, hinged workbench	Carrying capacity	150 kg

Lashing capability

The following table lists all components which have ProSafe lashing points.

Designation	Maximum load
Frame	200 daN
Frame traverse	200 daN
Floor panel/SoboPro	200 daN
Lashing rail	200 daN
Floor lashing rail	200 daN
Restraint pole	<1.8 m → 300 daN ≥1.8 m – 2.2 m → 200 daN

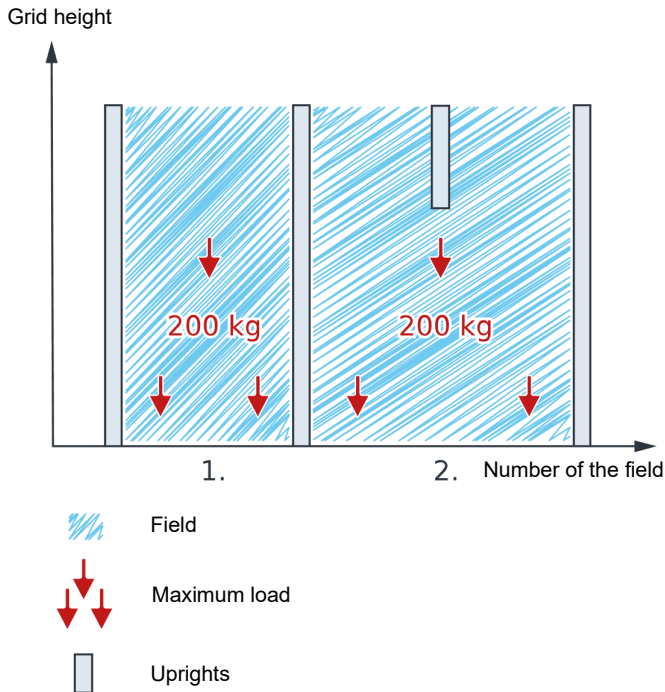



Globelyst unit

Field load:

Van racking can be divided into fields. A field is an area between two profiles that are directly connected to the installation and load securing floor.

Each field can take a maximum of **200 kg**.



 Important!	<ul style="list-style-type: none"> Observe the maximum payload and maximum axle load of the vehicle!
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Anti-slip mats, noise-absorbing

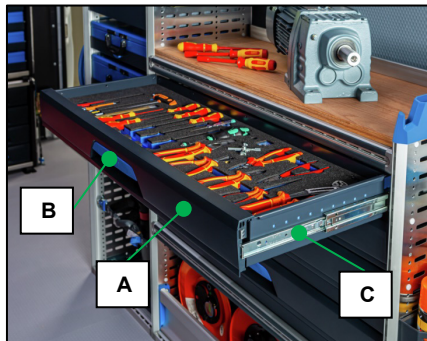
Protects the contents as well as the drawer.

Used for drawers, shelf, shelf tray with edge and long components tray.



Drawer

There is a catch on both the left and right securing the drawer when it is closed. This ensures that the drawer stays securely closed and free of torsion even when fully loaded. The drawers' telescopic slides have a lock that prevents open drawers from closing by themselves when the vehicle is standing inclined.



Opening:

- Pull drawer (A) out by the recessed grip (B); drawer is unlocked.
- Pull out drawer (A) completely past the tangible resistance; drawer is stopped.

Closing:

- Completely close drawer (A) by pressing it lightly.

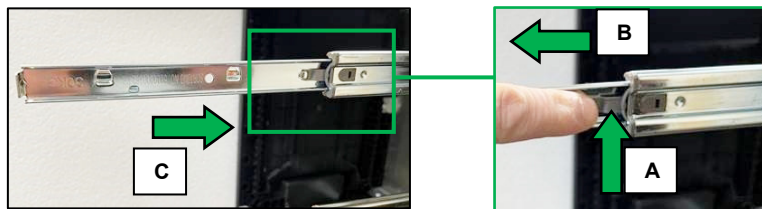
Telescopic slides load-carrying capacity per drawer 30 kg / 60 kg / 90 kg

The maximum load-carrying capacity is indicated on the left and right sides, on the telescopic slide (C).

Removing drawer:

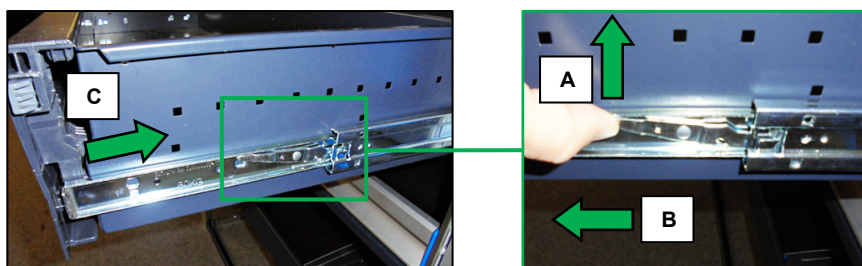
Telescopic slide 30 kg

Press on the plastic catches (A) on both sides and pull out (B).



Telescopic slides 60 kg / 90 kg

Press both the left and right levers (A) upwards while pulling out the drawer (B).



Installing drawer:

Re-insert both telescopic slides into the guide rails and close the drawer while pressing on both sides (C).

Divider for drawer:

You can position the dividers in drawers according to your requirements.

If required, you can obtain additional dividers from any Sortimo sales partner.



Tool tray inlays

Customisable foam inserts for drawers, BOXXes and cases protect the tools they contain and ensure they can be easily accessed.



Universal cabinet

The universal cabinet offers storage space for objects of all kinds. Optional insert shelves create additional intermediate levels within the cabinet which can be adapted to the contents.

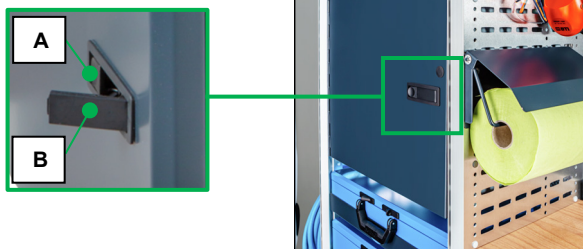
- Optionally with lock.

Opening:

- On the closing flap of the door, press the button (A) until the lever (B) pops out, then use it to open the door.

Closing:

- Close the door until the lever (B) engages.



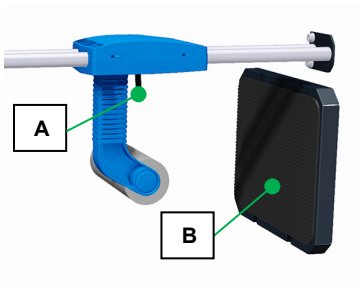
Case fixation

Clamping/releasing:

Wrap your hand around the handle of the case fixation and simultaneously press on the clamping lever (A).

To fix the case in place, press towards the impact plate (B).

- Can also be combined with shelf
- Variable height for all case types
- One-hand operation



Dual directional block

The drawers, rotated by 90°, allow quick removal of tools and materials from the drawers facing the side door, so you don't have to enter the vehicle.

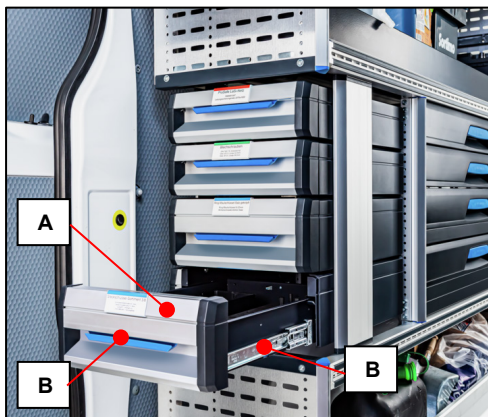
Opening:

- Pull drawer (A) out by the recessed grip (B); drawer is unlocked.
- Pull out drawer (A) completely past the tangible resistance; drawer is stopped.

Closing:

- Completely close drawer (A) by pressing it lightly.

The maximum load-carrying capacity is indicated on the left and right sides, on the telescopic slide (C).



Lifting flap



Caution!

When closing the lifting flap, there is a risk of crushing between the lifting flap and the frame of the base.

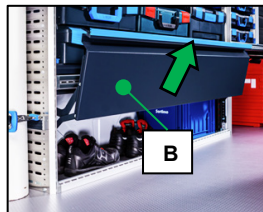
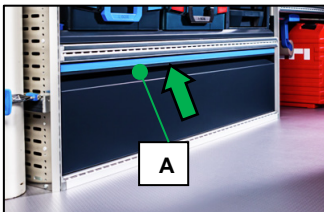
Gas pressure springs hold the lifting flap open.

- The system can be completely closed, preventing dirt from getting in.
- Adjustable to any height.
- Above floor rail,
- Above base plinth,
- Above shelf,
- Above shelf tray.
- Optionally with lock.

Opening:

The lifting flap is designed for single-handed operation.

- Grab the handle bar (A) and pull the lifting flap (B) upwards.



Closing:

- Grab the handle bar (A) and push the lifting flap (B) downwards against the resistance.
- Towards the end of the closing procedure, brake the lifting flap (B) a bit with your hand.

Hinged workbench



Caution!

There is a risk of crushing when folding open/closed!



Important!

The folding workbench must be folded away and engaged after use!

The folding workbench is folded away for driving.

To work with it, it must be folded open with the rear door open.

In combination with the parallel vice, the hinged workbench enables simple assembly work to be carried out directly at the vehicle.

The working height of the workbench varies according to the loading edge of the vehicle.

- Parallel vice in different sizes.
- Swivel vice plate for parallel vice can be rotated 360°.

Carrying capacity max. 100 kg

Folding down:

- Push the lever (A) backwards by hand, thereby unlocking the workbench.
- Do not pull the support (B) forwards, but only push the workbench (C) downwards.

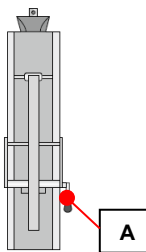
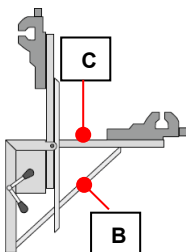
Securing:

- Push the lever (A) upwards with your hand; the workbench is secured and can be used.
-


Folding up:


- Push the lever (A) downwards by hand, thereby unlocking the workbench.

Raise the workbench only until the locking lever audibly engages.



Heavy, folding workbench

	Caution!
There is a risk of crushing when folding open/closed!	

	Important!
The folding, heavy workbench must be folded away and engaged after use!	

The folding workbench is folded away for driving.

To work with it, it must be folded open with the rear door open.

In combination with the parallel vice, the hinged workbench enables simple assembly work to be carried out directly at the vehicle.

In two designs, suitable for vehicles with a high or low loading edge.

- With height-adjustable support legs.
- Parallel vice in different sizes.
- Swivel vice plate for parallel vice can be rotated 360°.

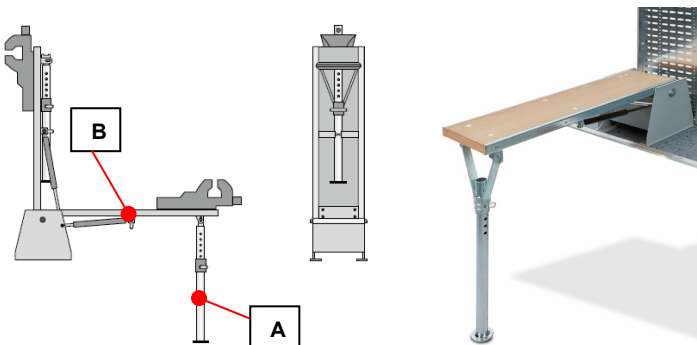
Carrying capacity max. 150 kg

Folding down:


- Take the support leg (A) out of the catch and press the workbench (B) downwards with your hand.

Folding up:

- Lift the workbench (B) by hand and move it upwards; it stabilises itself automatically; push the foot (B) back into the catch.

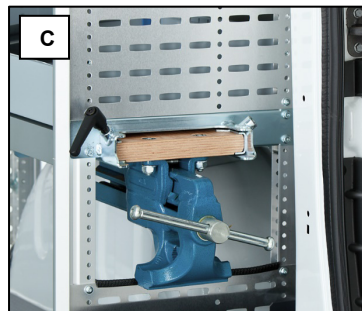
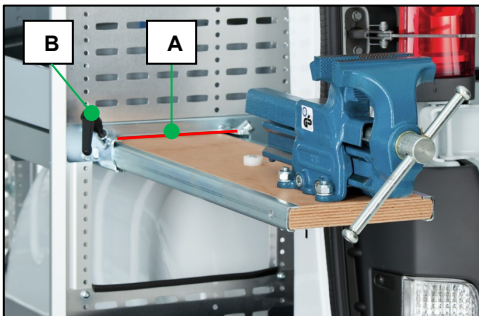


Workbench slide

	Important!
The workbench slide must be secured with the locking screw during and after use!	

- Installation on the left or right of the unit.
- Space-saving slide variant.
- Maximum pull-out length is marked (A).
- Locking screw for clamping in place (B).
- Rotatable 180° (C), thus completely retractable.

Carrying capacity max. 50 kg



Folding parallel vice



Caution!

There is a risk of crushing when folding open/closed!



Important!

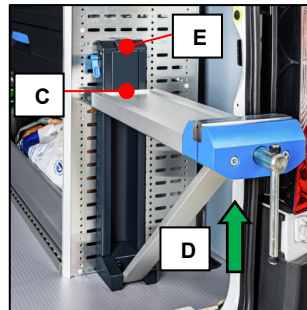
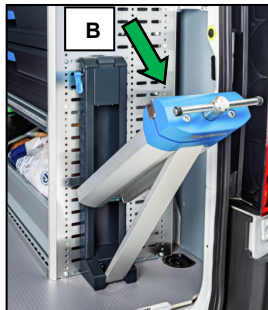
The folding parallel vice must be folded away and engaged after use!

The folding parallel vice is folded away for driving.

To work with it, it must be folded open with the rear door open.

Folding open:

- To fold open, the lever (A) must be pressed; the folding parallel vice is unlocked.
- Press the parallel vice downwards (B) until it engages in the lock (C).



Folding away:

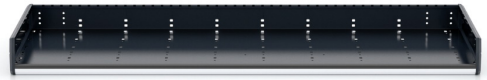
- To fold away, the lever (A) must be pressed; the folding parallel vice is unlocked.
- Press the parallel vice upwards (D) until it engages in the lock (E).

Shelf

As a carrier module for all BOXXes (T-, L-BOXX & SR-BOXX only standing)

- Can be combined with shelf flap, etc.
- Custom division using dividers.
- Anti-slip mat.

Loads up to 80 kg surface load



Carrier module for BOXXes:

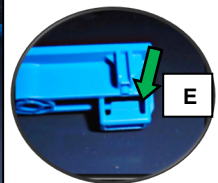
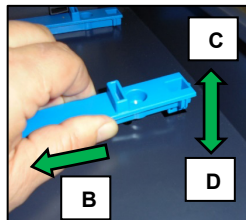
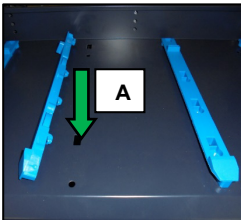
Through attachment of plastic slides, the shelf serves as a carrier for BOXXes.

Installation:

- Place the plastic slide (A) with the grippers into the pre-punched cut-outs of the shelf.
- Slightly raise (C) the plastic slide (A) and push it back until the grippers engage.
- Press on the plastic slide at the end of the shelf (D) until the snap fastener (E) engages.

Removal:

- Press together the snap fastener (E) of the plastic slide underneath the shelf.
- Lift the plastic slide (C) and push it into the end of the shelf.



SR-BOXX

The SR BOXXes enable quick access to frequently required objects. The sum of the individual loads must not exceed the load capacity of the racking system module.

Opening:

- Lift the SR-BOXX (A) by the grip (B) and pull it forwards and out.
- SR-BOXX is unlocked.

Closing:

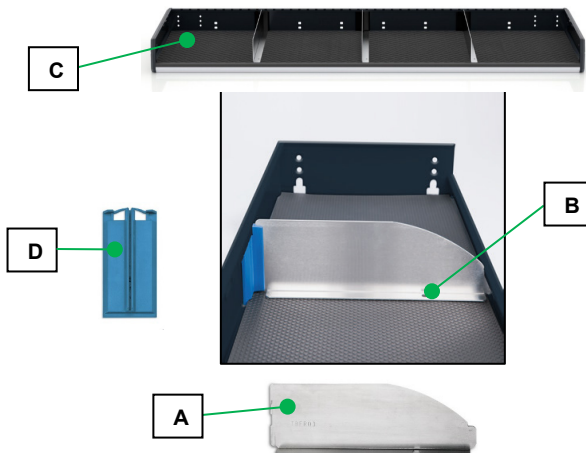
- Push the SR-BOXX (A) in completely and push it downwards by the grip (B).
- SR-BOXX is locked.



Divider for shelf:

You can position the dividers (A) in the available slot spaces according to your requirements.

- Unscrew the divider (A) screw (B) and pull it up and out.
- Remove the anti-slip mat (C).
- Pull the rear divider holder (D) by the bottom inwards and out.
- Install divider holder in desired position, slide in divider and screw in screw.



Shelf tray

For storing tools, materials, cardboard boxes, etc.

- Custom division using dividers.
- Anti-slip mat.

Load capacity up to 80 kg surface load.



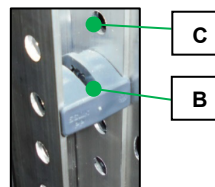
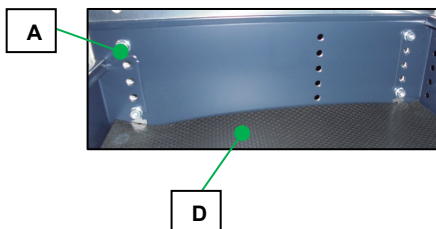
Adjusting installation height:

The shelf trays can be adjusted in height by 17 mm in the grid.

Adapt the distances to your requirements. The mounting bolts are screwed into insert nuts; while the clamping nuts are clamped into the grid holes.

Removal/installation:

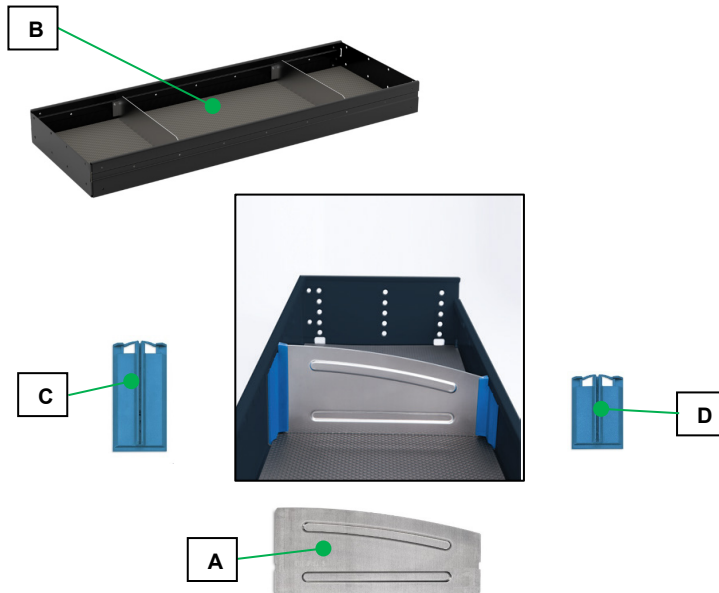
- Unscrew mounting bolts (A), 4 per side.
- Remove the insert nuts (B) from the grid holes (C) and move them to new height.
- Adjust shelf tray (D) to new height.
- Screw in all mounting bolts (A) per side and tighten them.



Divider for shelf tray:

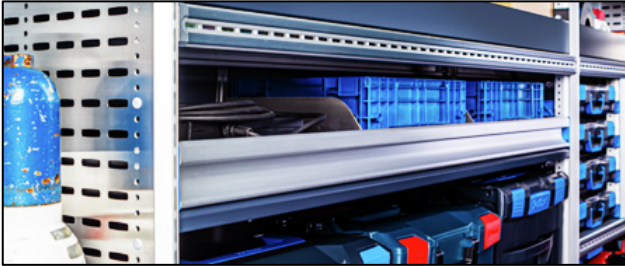
You can position the dividers (A) in the available slot spaces according to your requirements.

- Pull divider (A) upwards and out.
- Remove the anti-slip mat (B).
- Pull the rear (C) and front (D) divider holder by the bottom inwards and out.
- Install divider holder in desired position and slide the dividers back in.



Shelf flap, wide/narrow

Prevents loads from falling onto shelves or onto the floor. The front can be easily folded by lifting it up gently.

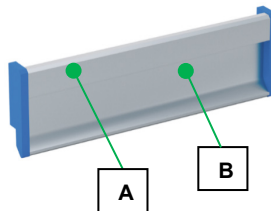


Opening wide drop-down front

- Pull the flap (B) forwards by the handle bar (A).

Closing wide drop-down front

- Press flap closed.

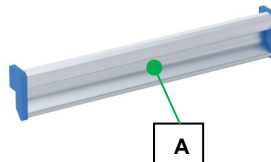


Opening narrow drop-down front

- Pull up on the middle of the handle bar (A) and fold the flap out towards the front.

Closing narrow drop-down front

- Press flap closed.



Load-carrying capacity of surface 80 kg

Long components tray

For transporting long cargo in the vehicle interior.

- Available in different lengths.
- Can be integrated into the system.
- With secured flap.

Opening the closing flap:

Grab the flap from the bottom and push it up. Pull the flap away from the system and push it down.

Load-carrying capacity of surface 25 kg



Jumbo-Unit

The Jumbo-Unit is a compact XL drawer, which is ideal for rapid and secure stowage of heavy equipment and bulky materials.

Depending on requirements, the Jumbo-Unit can be used as an underfloor or stand-alone solution. The stand-alone version of the Jumbo-Unit can either be equipped with a SoboGrip ProSafe topper or a covering tray. Jumbo-Units of the same size can also be installed one above the other to create more storage space.

- Covering tray, optional.
- Toppers, optional.
- Dividers for drawers and covering trays.

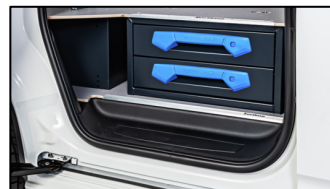
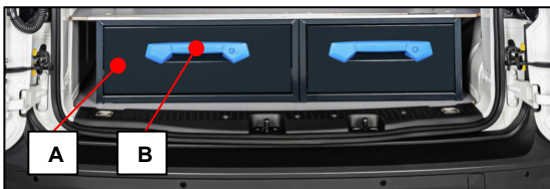
Opening:

- Pull drawer (A) out by the recessed grip (B); drawer is unlocked.
- Pull out drawer (A) completely past the tangible resistance; drawer is stopped.

Closing:

- Completely close drawer (A) by pressing it lightly.

Load-bearing capacity max. 100 kg



Multi-functional pull-out element

The multifunctional pull-out element is the ideal solution for a wide range of applications, for heavy loads.

The drawer panels enable the drawer to be operated with ease, while its smooth-running guides with ball-bearing rollers ensure easy operation even with a maximum load. A load securing system is integrated, made up of a combination of guides for grooved plate and ProSafe.

The multifunctional pull-out element can be used as a drawer or loading platform.

The multifunctional pull-out element can be pulled out to 2/3 of its total length for easy access to the load.

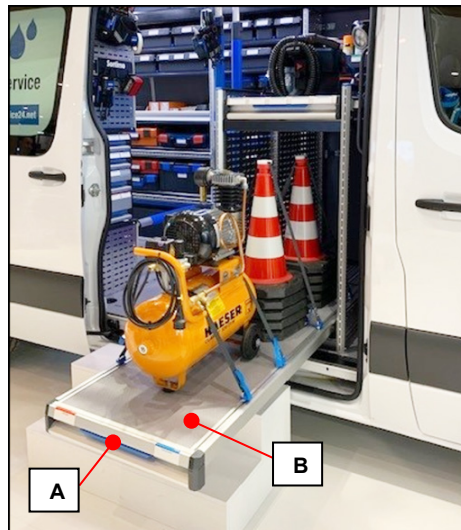
Opening:

- Pull out the element (A) by the recessed grip (B); pull-out element is unlocked.
- Pull out the element (A) completely past the tangible resistance; pull-out element is stopped.

Closing:

- Completely close pull-out element (A) by pressing it lightly.

Load-bearing capacity max. 200 kg



SR-BOXX

The SR BOXXes enable quick access to frequently required objects. The sum of the individual loads must not exceed the maximum load capacity of the racking system module.

- Can be affixed with labels.
- Can be subdivided with plastic dividers.
- Can be fitted with lid.
- Box and drawer function combined.
- Optimum use of space in the rack widths through standardised box widths in all three depths.
- Robust, tradesperson-friendly design.



Load-carrying capacity of surface 12 kg

L-/LS-BOXX



Important!

Both fasteners of the L-/LS-BOXX must be closed before the BOXX is lifted up by the handle.

The L-BOXXes made of shock- and impact-resistant ABS plastic are available in four different sizes. The BOXXes are compatible with each other and can be clicked together. They have a sturdy locking mechanism, an integrated handle and industry-specific inserts in all sizes.



The LS-BOXX combines the 136 L-BOXX with the smaller i-BOXX.



The L/LS-BOXXes are secured in the van racking system using the case tray and shelves.

Opening/closing:

- Open both locking mechanisms and lift the lid.
- Close the lid and press both locking mechanisms closed.

Load-bearing capacity 12 kg

L-BOXX trolley

For carrying L-/LS-BOXXes.

Load max. 100 kg



i-BOXX

The i-BOXX made of impact-resistant ABS plastic is available in two heights. The transparent lid and the optional insetboxes available for order provide a clear overview. The i-BOXX is compatible with the LS-BOXX.

- Optionally with wall mount (A).
- Various insetboxes.

Opening/closing:

- Slightly raise the two locking mechanisms and open the lid.
- Press the lid closed until the locking hooks are fully engaged.

Load-bearing capacity



T-BOXX

The T-BOXX made from impact-resistant ABS plastic. The transparent lid clearly shows the case's contents. The insetboxes securely engage in any position on the floor and lid, also enabling them to be positioned individually.

- Optionally with wall mount (A).
- Various insetboxes.

Opening/closing:

- Slightly raise the two locking mechanisms and open the lid.
- Press the lid closed and press the two locking mechanisms closed.

Load-carrying capacity of surface 12 kg



Metal small components case

High-strength steel case with resistant powder coating.

The foam padding of the lid is pressed onto the insetboxes and seals their contents from each other. The cover is closed securely.

- Single-handed opening
- Automatic locking if the lid falls
- Securing of small parts with foam padding
- Lid is opened via the joint bracket of the bottom part
- Various insetboxes



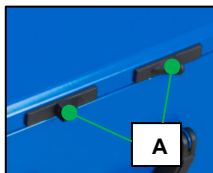
Load-carrying capacity of surface 20 kg

Opening case:

Press both locking mechanisms (A) together and open the case lid.

Closing case:

Press the case lid closed until the locking hook (A) is fully engaged.



Case rail

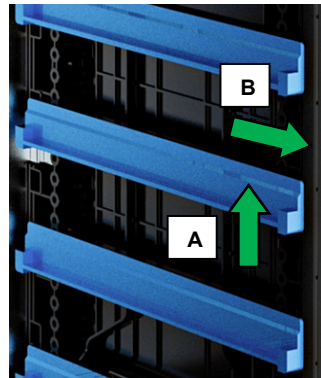
Removing case:

Lift the case (A) and pull it forwards (B) out.

Stowing case:

Push the case in completely until it locks into place downwards.

Load-carrying capacity of surface 25 kg



Case tray

The case tray is designed for single-handed operation.

You only need one free hand to open/close the case tray and take it out.

The case tray has a lock that prevents the open case from closing by itself when the vehicle is standing inclined.

Telescopic slide load-carrying capacity max. 25 kg

Opening case tray:

- Grasp the case handle (A) and press on the push button (B) with your thumb.
- Completely pull out the case tray (C).
- Open or take out the case.

Closing case tray:

- Completely close the case tray (C) by pressing it lightly.

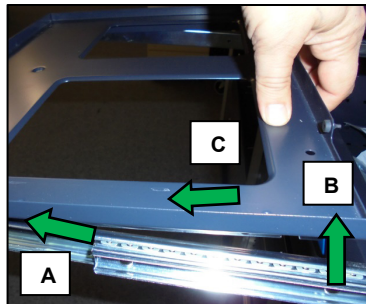


Removing case tray:

You must remove the case tray if the slides are to be moved.

- Completely pull out slides (A).
- Lift the case tray in the rear (B) and pull it forwards and out of the telescopic slide (C).

Installation in reverse order.



WorkMo

WorkMo is a multi-functional transport, organisation and work system. The individual modules can be combined flexibly to suit the application. Comprehensive accessories are used to create application-oriented and transportable workplaces for the workshop and the building site. The WorkMo is also unique due to its compatibility with the Sortimo BOXXes range. Various organisational solutions offer storage space for small parts and tools of all kinds. Diverse BOXX partnerships with suppliers of power tools and electric tools and mounting and fastening materials mean that complete system compatibility is a given.

Observe load securing!

Load-bearing strength of lid: 100 kg, maximum payload of 100 kg

- Stackable
- Optional roller adapter (A)
- Optional transport roller (B)



A



B



ProSafe gas cylinder holder



Danger!

Incorrectly secured gas cylinders can slip or fall over, causing them to leak or explode. Torn-free gas cylinders can be thrown through the loading space during braking or an accident and injure people.

Don't load any lashing eyelet / lashing point with more than 200 daN.

In the event gas cylinders are being transported, the law specifies that

- the fittings must always be removed.
- the valves must be tightly closed.
- the locking flap must always be put in place and secured.

The ProSafe lashing rails can be used to securely attach gas cylinders to the van racking system.

Lashing gas cylinders:

- Hook the ProSafe hook of the ratchet strap on the ProSafe lashing rail.
- The upper ratchet strap is now attached on one side; proceed the same way with the lower ratchet strap.
- Place the gas cylinder(s) into the vehicle and attach the ratchet belt on the other side.
- Tighten both ratchet straps.



Ventilation / air extraction



Danger!

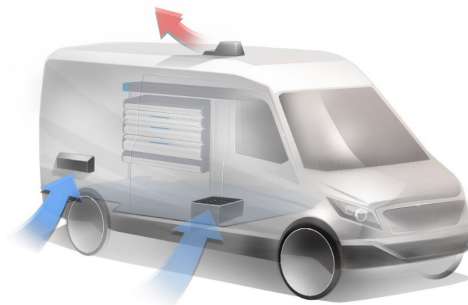
If gas cylinders are transported without the specified ventilation and air extraction equipment, leaking gas can cause suffocation, poisoning or an explosion in the cargo area.

According to legal regulations, vehicles that transport gas cylinders must be equipped with ventilation and air extraction equipment.

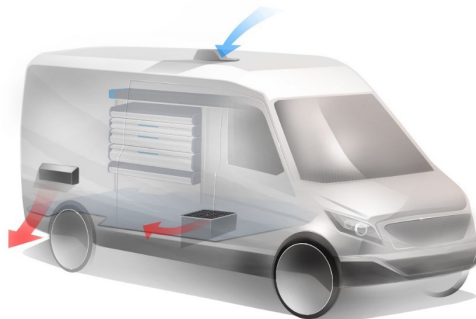
It must be ensured that the roof vent is always free and not obstructed due to dirt, snow or dust. Otherwise, the ventilation effect is restricted or no longer present.

The floor vent must not be blocked/obstructed by parts of the load, e.g. packages, or closed by adhesive film. Otherwise, the ventilation effect is restricted or no longer present.

Ventilation



Air extraction



Roof vent



Danger!

It must be ensured that the roof vent is always free and not obstructed due to dirt, snow or dust. Otherwise, the ventilation effect is restricted or no longer present.

The floor vent must not be blocked/obstructed by parts of the load, e.g. packages, or closed by adhesive film. Otherwise, the ventilation effect is restricted or no longer present.

Depending on the type of gas, it may be necessary to ensure ventilation and air extraction inside the vehicle

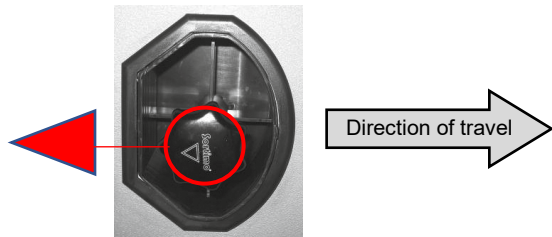
Ventilation:



Information!

Ventilation, in the event of heavy gases, such as

- propane
- argon
- carbon dioxide
- butane
- carbon monoxide
- krypton
- nitrogen dioxide
- nitrogen monoxide
- xenon



are pressed through the floor and side vents to the outside through the excess pressure created by a roof vent.

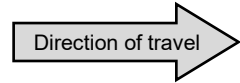
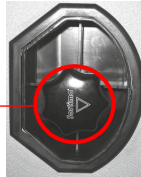
Air extraction:



Information!

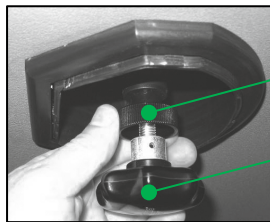
Air extraction, in the event of light gases, such as

- acetylene
- helium
- nitrogen
- hydrogen



are released through the roof vent through air being suctioned via the floor and side vents and conveyed upwards and out.

To rotate the roof vent, the knurled-head screw (A) must be unscrewed above the star grip point, then the star grip point (B) can be pushed upwards and thus the roof vent can be rotated. After turning the vent, tighten the knurled-head screw again.



A

B

Narrow roof vent



Danger!

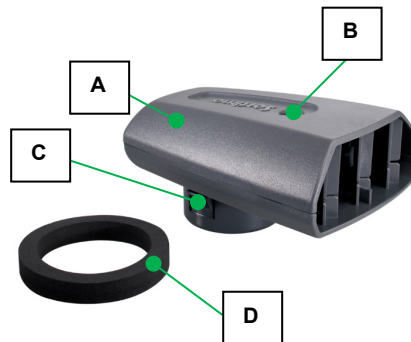
It must be ensured that the roof vent is always free and not obstructed due to dirt, snow or dust. Otherwise, the ventilation effect is restricted or no longer present.

The floor vent must not be blocked/obstructed by parts of the load, e.g. packages, or closed by adhesive film. Otherwise, the ventilation effect is restricted or no longer present.



Information!

The narrow roof vent is placed towards the front for heavy gases and towards the rear for light gases.



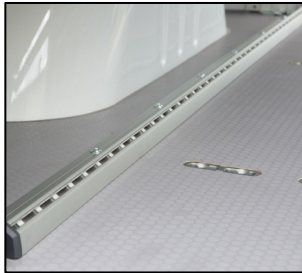
Rotating the roof vent:

- Remove upper shell (A) by unscrewing the oval head screw (B).
- Press the retaining lugs on the lower shell (C) together and pull them upwards at the same time.
- Clean sealing ring (D) and contact surface on roof.
- Rotate the roof vent by 180° and press it with the sealing ring (D) into the cut-out; the lower shell (C) must engage completely into the roof.
- Visually check whether all retaining lugs are snapped in.
- Screw on upper shell (A) using oval head screw (B).

ProSafe floor lashing rail

The floor lashing rail can be used to secure low objects such as cardboard boxes, a load securing net, etc.

Max. traction force 200 daN



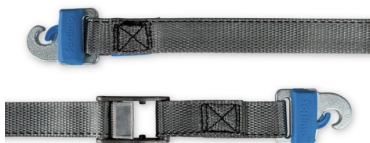
ProSafe front upright

For direct lashing of higher objects such as cases, cardboard boxes, window panes, etc. on the vehicle block using a lashing belt.

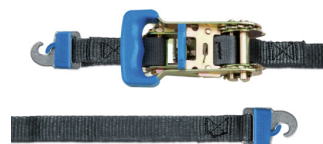
Max. traction force 200 daN



Lashing strap with clamping lock and ProSafe hook.



Lashing strap with ratchet lock and ProSafe hook.



Telescopic restraint pole

Telescopic restraint poles, used in conjunction with parallel lashing rails and lashing points in the vehicle, are used to secure loads in the vehicle in a positive-locking manner. The telescopic restraint pole is designed to secure a broad variety of loads in the van with its parallel lashing rails.



Caution!

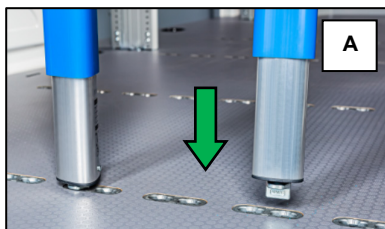
Braking, accelerating, taking bends or swerving causes forces on the cargo. An unsecured load can topple over or slip.

- Secure all objects in the cargo area against tipping and slipping.
- Secure cargo inside the van racking with a tight fit.
- Check that the load is secure before setting off every time.

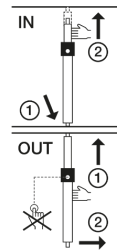
Observe the applicable laws in accordance with StVO §22, 23 and StVZO §30, 31 relating to load securing.

Inserting telescopic restraint pole:

- Insert the telescopic restraint pole in the lower lashing point (A).
- Pull the inner tube in the telescopic restraint pole upwards and insert it into the fixing rail. Use slight pressure when doing so to brace the telescopic restraint pole (B).

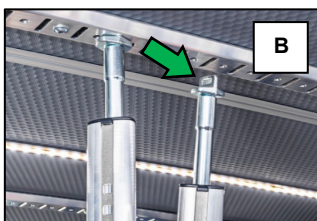
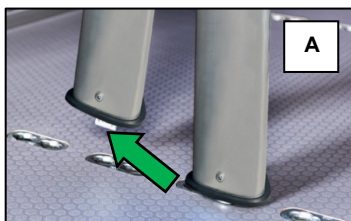


① Length	max. Load
< 1,8 m	300 daN
≥ 1,8–2,2 m	200 daN
②	max. 400 daN



Loosening telescopic restraint pole:

- Press the telescopic restraint pole against the top spring-loaded end and remove it at the floor end (A).
- Then remove the telescopic restraint pole from the fixing rail on the roof spar (B).



Ramp rail



Important!

The ramps are used to compensate height differences between the loading space and the road, or between stair steps and may only be used with lightweight, hand-operated transport devices.

Maximum load:

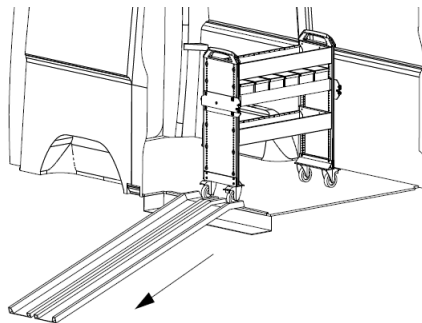
The ramps are only allowed to be loaded with the maximum load-carrying capacity indicated on the type plate!



Caution!

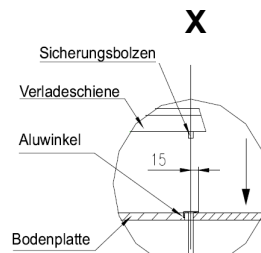
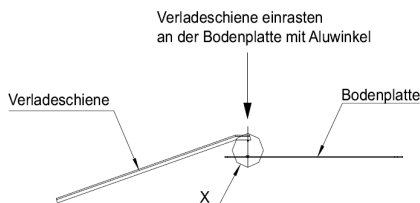
On the folding ramp rail, there is a risk of injury in the hinged area during folding.

Ramp rail 2000/2500 mm, foldable



Operation:

- Secure the vehicle from rolling away unintentionally.
- Put the ramp on and align it with the track width of the transport device.
- Secure the ramp using the securing bolts and the aluminium bracket.



Multifunctional bar

The multifunction bar is used to hold ProClick Tool bags and other small parts.

- Attachment to the aluminium side panel.



Hose holder

Secure transport of cables and hoses. Integrated hooks for further sorting and individual hanging.

- Attachment to the aluminium side panel.

Load capacity: 25 kg in total, 8 kg per individual hook.



Handiwash unit

The Handiwash Unit serves as a hand washing basin with cold and warm water.

Open the trough and the hot or cold water tap.

The waste water is routed through a hose to a collection container provided for this purpose.

- For more information, see instructions for use/installation.



C-BOXX

The C-BOXX is a robust transport solution for lots of activities in trade, industry and service. Thanks to its bucket-like design, it can be used universally for storing tools and consumables or even for transporting dirty used parts.

- Attachment to the aluminium side panel using mounting rails.
- ProClick mounts for tool bags.

