

# MODUL-SYSTEM PRODUCT CATALOGUE







# Contents

5	An introduction to Tevo Limited
15	Drawer units
23	Long drawer units
29	Extra long drawers
39	Drawer unit frames
47	End sections and supports
53	Shelves
61	Lockers and doors
69	Workbenches and tool boards
73	Extendable base frames
77	Tool trolleys
81	Modul accessories
99	Load restraint
103	Modul-Connect & Power inverters
109	Lighting
112	Roof racks
113	Flooring and lining
114	Container solutions
115	Safety
118	Fittings







# A world filled with unique requirements

**What is your working day like? What vehicle do you drive? What tools do you use?**

As we understand that every customer is unique, we have designed our modular system to enable customers to select the most cost-effective racking to suit their own specific requirements.

**A comprehensive range to suit all vehicles**

For over 30 years, we have worked in conjunction with the major manufacturers of light commercial vehicles. This has given us valuable insight, which enables us to offer you the most appropriate racking solution irrespective of the make and model of the vehicle that you drive.

**An economical choice with the environment in mind**

In today's world, we need to take factors other than those of a purely practical nature into consideration, including the environment, the people we work with and our own health. At Tevo Limited, we are continually working to remain at the forefront in the industry regarding the development of high-quality products. We were the first to introduce ultra-high strength steel into our product range, a material that combines maximum strength with minimum weight. This has resulted in a safer product, which in turn will increase payload, alternatively reduce your vehicle's CO<sub>2</sub> emissions and fuel costs even further. In addition, our environmental management system is certified under ISO 14001.

We live in a diverse world and it can be difficult to know whether the decisions we make today will be right for the future. However, with our modular concept, you can rest assured that the choices you make can be adapted to suit all eventualities.



# The professionals at your service

With in excess of 30 years experience within the industry we have been working diligently on our safety programme for many years. Today we use some of the most highly reputable safety centres in the world to carry out crash testing, including the Volvo Cars Safety Centre.

However, experience alone is not enough. Our ability to be forward thinking along with taking the time to understand each of our customer's requirements is equally important. For every one of our development projects, we conduct forums with customers and end users alike which enables us to continually create innovative, new products.

## **Quality-assured down to the last detail**

Our products comply with the European TÜV standard.

Through ISO 9001 certification, we can ensure quality at every stage from development and manufacturing through to sales, customer service and delivery. This enables us to offer a 36 month warranty with confidence, on all of the products that we manufacture ourselves. In addition, we can also provide the fastest and most reliable deliveries in the industry.

## **Whole Vehicle Type Approval**

Tevo is an approved converter under the VCA's N1 Enhancements Scheme.

This means that we have demonstrated to the VCA that we comply with the relevant requirements for processes and systems to meet conformity of production.

## **Multiple installation options**

We have put a great deal of emphasis on improving our service standards for the benefit of all of our customers. We are using computer aided design technology and also offer an on-line build management system.

One of the major factors that makes us stand out from our competitors is our installation flexibility as we can offer customers the following variety of installation options:

- Self-assembly
- Factory fitted
- National mobile installation teams

For those choosing the factory fitted option, Tevo is a total solution provider offering services from initial manufacturer's direct delivery to our premises through to the final pre-delivery inspection, registration and onward delivery to the customer. Regardless of whether you have one van or a whole fleet of vans to be converted, we aim to provide the most convenient solution for you.







# The system with endless possibilities

Thanks to modularity in all senses, combined with innovative solutions, integrated T-tracks and smart accessories, we can offer a system with endless possibilities.

## The modules

The system consists of modules based on a support frame for added strength. The strength of the structure lies within the frame, which is self-supporting and load bearing. The entire system has been designed around a common modular dimension of 27 mm.



*Frame with drawers, tool board and top panel*

## Flexible system

The modular system is extremely flexible and many of the products have different applications. For example, if necessary, drawers can be rearranged within the module or replaced with a locker door, extension frames can be used as extension legs and modules with a square base can be rotated 90°, 180° or 270° in the system. The latter is particularly useful when mounting racking to face out of a side door.



*Square modules*

## Integrated T-track

The support frame has built-in intelligence for greater strength and functionality. The unique, patented T-track acts as an interface to other modules.



*Support frame profile with integrated T-track*



## Exceptional safety and responsibility to the environment

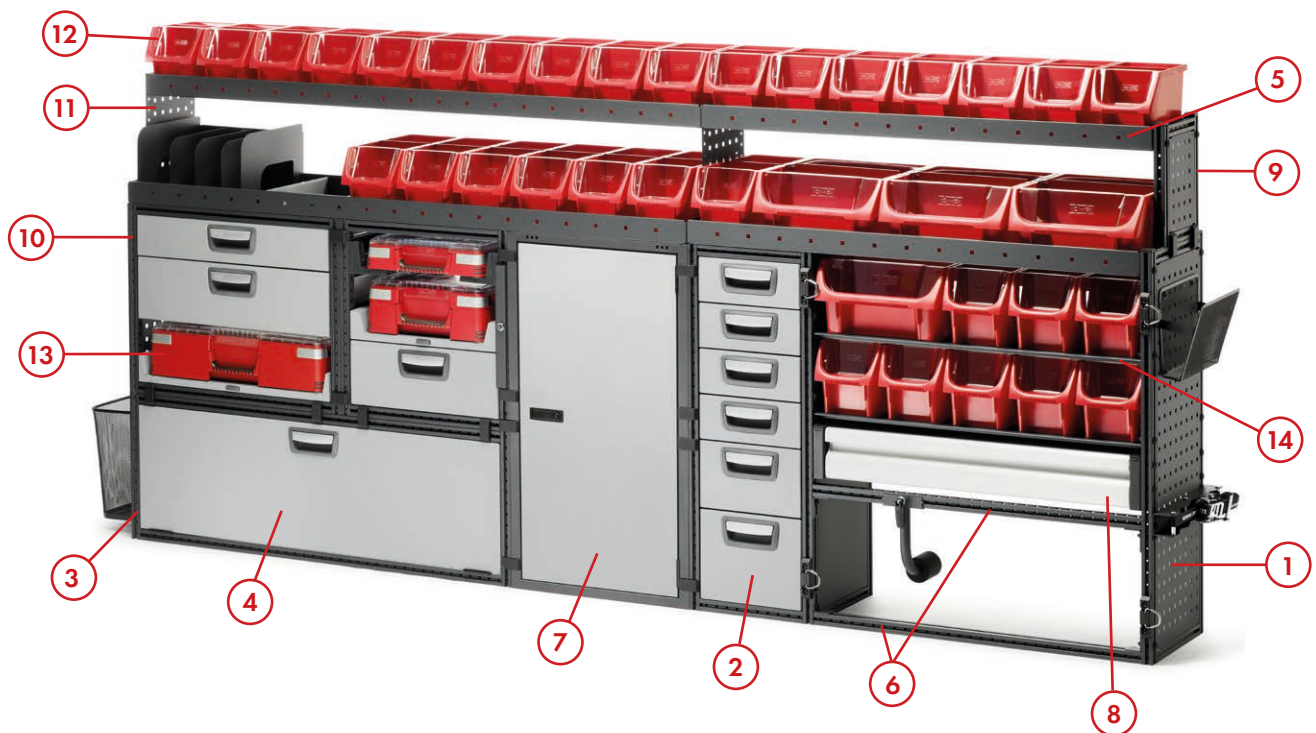
All modules are designed so that they can be installed safely. The fast and simple surface mounting system makes it easy to verify that the mounting has been done correctly. The system is also designed to make use of the mounting points in the vehicle as effectively as possible. Thanks to the integrated T-track, fittings can easily be moved to the desired position.

All products have been designed to withstand the forces they will be subjected to in a moving vehicle, which generally means a safety factor of

three compared with a stationary vehicle.

Our products are thoroughly tested for load capacity and collision strength and comply with the European TÜV standard. Their dimensions and the choice of materials are optimised to maximise their load capacity while complying with demands for low fuel consumption and environmental impact.

To help optimise the weight, end panels and tool boards on the modules are optional.



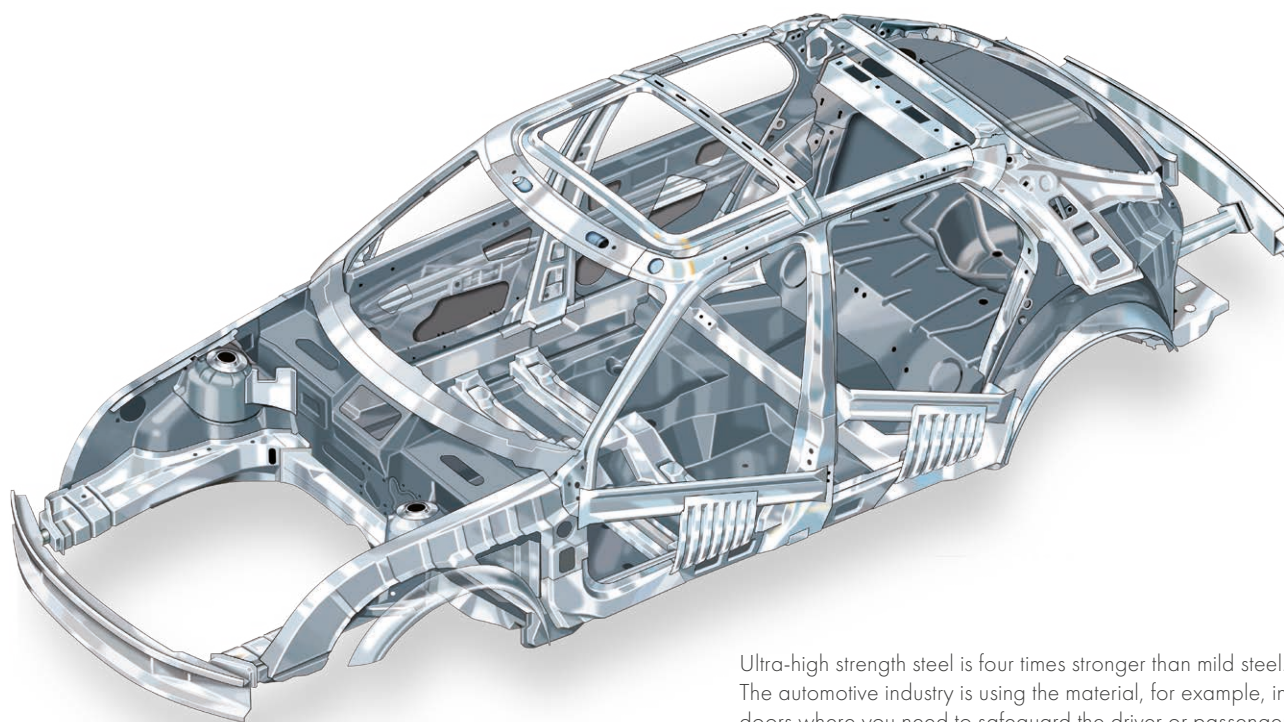
- |                                     |                               |                        |
|-------------------------------------|-------------------------------|------------------------|
| ① Shelf end support with tool board | ⑥ Floor angle / support bar   | ⑪ Extension plate      |
| ② Drawer unit                       | ⑦ Storage and clothing locker | ⑫ Modul-Box            |
| ③ Wheel arch frame                  | ⑧ Shelf with drop down front  | ⑬ Mobil-Box            |
| ④ Hinged door                       | ⑨ Extension frame             | ⑭ Compact Series shelf |
| ⑤ Shelf                             | ⑩ Drawer unit frame           |                        |



# The lightweight journey continues

Tevo Limited has many years of experience in producing lightweight steel racking systems and we were first in the industry to introduce ultra-high strength steel in our product. Using a high-tech material, the thickness and weight can be reduced even further, while the solutions remain extremely robust and collision-safe. Our aim is to always have the right material in the right place to optimise performance.

A lighter weight racking system provides many benefits, including increased load capacity, lower fuel consumption and reduced emissions. When load capacity increases, you can load more equipment and materials without the vehicle's maximum load capacity being exceeded. Alternatively, the reduced weight of the racking system can contribute to reducing fuel consumption and lowering CO<sub>2</sub> emissions.



Ultra-high strength steel is four times stronger than mild steel. The automotive industry is using the material, for example, in doors where you need to safeguard the driver or passenger by providing a high level of protection in the event of a side impact.



\*Example based on 220 working days per year.

## Want to increase sales?

**Number of vehicles in the fleet:** 400

**Potential increase in sales:** £ 2.2 million per year

Businesses that want to increase sales must focus on value generating activities. Unnecessary travel to retrieve materials and equipment does not belong in this category. With a lighter weight racking system, you can load more into the vehicle and the travel time saved can be transformed into chargeable time instead.

If a fleet of 400 service vehicles can charge for an additional 20 minutes per vehicle per day thanks to the increased load capacity, this means, at an hourly rate of £ 75, a potential increase in net sales of £ 2.2 million per year\*.



## Want to reduce costs?

**Number of vehicles in the fleet:** 400

**Potential cost savings:** almost £ 50 000 over 3 years

Not everyone will want or need to take advantage of the increased load capacity offered by a lightweight racking system. But there is still money to be saved on reduced fuel costs. For a fleet where the average racking system weight is reduced by 44 kg (from 144 kg to 100 kg), fuel consumption can be reduced by 0.1 litres/100 km\*. If each vehicle on average drives 35,000 km per year, the fleet consists of 400 vehicles and fuel costs £ 1.4 per litre, the business can save almost £ 50 000 over a three-year period.

\*In the example, it is assumed that the vehicle fully laden consumes 9.4 litres/100 km. It is also assumed that fuel consumption is reduced by 0.18 litre/100 km per 100 kg weight reduction. Source: [www.worldautosteel.org/projects/determination-of-weight-elasticity/](http://www.worldautosteel.org/projects/determination-of-weight-elasticity/)



## Care about the environment?

**Number of vehicles in the fleet:** 400

**Potential reduction in CO<sub>2</sub> emissions:** 87 tonnes over 3 years

Reduced fuel costs are not the only benefit of reducing the total weight of the vehicle. Lower weight also means lower CO<sub>2</sub> emissions. For the above example, where the racking system weight was reduced by 44 kg and each vehicle on average drives 35,000 km per year, CO<sub>2</sub> emissions would be reduced by up to 87 tonnes over a three-year period\*.

\*In the example, it is assumed that the vehicle fully laden consumes 9.4 litres/100 km. It is also assumed that 1 litre of fuel corresponds to CO<sub>2</sub> emissions of 26.2 kg. Source: [www.fleetnews.co.uk/costs/carbon-footprint-calculator/](http://www.fleetnews.co.uk/costs/carbon-footprint-calculator/)

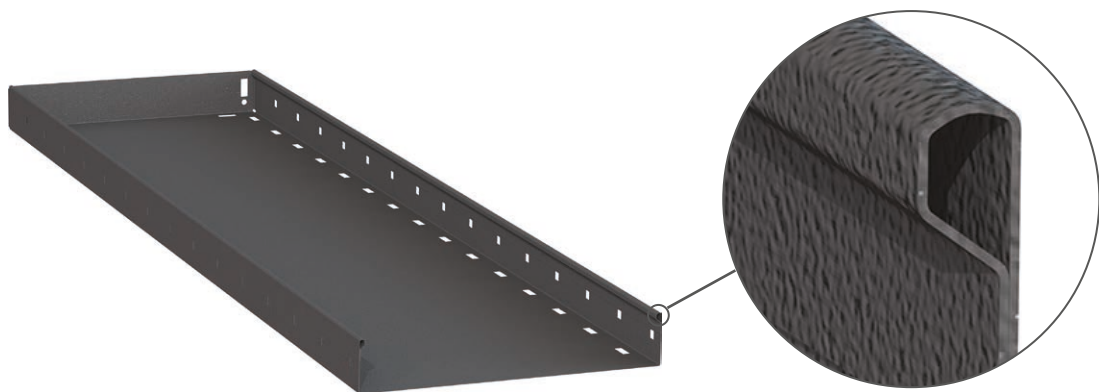


# Ultra-high strength steel

When people talk about steel, they are generally referring to mild steel. Today however, there are many more advanced grades of steel available. The optimum steel for the job depends on what the product will be used for and what properties it should have.

Tevo's ultra-high strength steel is four times stronger than mild steel. Its extreme strength enables constructions in substantially thinner steel plate, which means lighter-weight products. However, designing in ultra-high strength steel is not as easy as it might sound. To get good rigidity with thinner steel normally requires modifying the shape.

The new shelves have a rolled edge that counteracts flexure (bending). This patent-pending design allows for a weight reduction of up to 40 percent compared with the equivalent shelf in mild steel.



*The patent-pending rolled edge construction of the new shelves counteracts the flexure (bending) that would have occurred with a traditional edge solution when subjected to heavy loads.*

## Comparing different materials

	Aluminium	Mild steel	High strength steel	Ultra-high strength steel
Density	2.7 kg/dm <sup>3</sup>	7.8 kg/dm <sup>3</sup>	7.8 kg/dm <sup>3</sup>	7.8 kg/dm <sup>3</sup>
Strength	70-150 MPa	200 MPa	350-500 MPa	<b>700 - 1 100 MPa</b>
E-modulus (rigidity)	70 GPa	210 GPa	210 GPa	210 GPa
Relative density	1	3	3	3
Relative strength	1	1.5-2	3-4	<b>4-6</b>
Relative e-modulus	1	3	3	3
Relative impact resistance	1	2	2.5	3

*All steel, regardless of strength, has identical density and e-modulus. This means that products of the same size and shape, whatever the grade of steel, will weigh as much and bend as much when loaded. The difference between them is their strength, where an ultra-high strength steel can bear up to 6 times the load of an equivalent product of aluminium.*







# Drawer units

The drawer units are modular in width, depth and height and can easily be combined with other products in the range. The drawer unit frame's integrated T-tracks can be used for securing cargo, attaching accessories and for versatile surface mounting. End panels and tool boards are sold separately.

Drawers are available in four heights and can be arranged as required. Each drawer is fitted with ball bearing runners as standard and has a load capacity of 30 kg with a maximum of 100 kg per drawer unit. For extra heavy loads, the load capacity of medium and high drawers can be increased to a maximum of 50 kg per drawer by including an additional set of ball bearing runners (available separately). The drawers are fully extendable and equipped with stoppers.

When using drawer units with square bases, the drawers can be positioned so that they can open in different directions. We also offer drawer units with an integrated stand that is 54 mm high, meaning that the lower drawers can still be opened even when there is cargo on the floor of the vehicle.



*Square drawer unit*



See page 118 for fittings required



Drawer unit width: 324 mm, height: 270 mm  
with two drawers 108 mm



					1	2
33200-03	324	324	270	6.6	59196-03	59178-03
34200-03	324	486	270	8.5	59196-03	59184-03

Drawer unit width: 324 mm, height: 486 mm  
with one drawer 108 mm and two drawers 162 mm



					1	2
33120-03	324	324	486	9.7	59190-03	59180-03
34120-03	324	486	486	12.4	59190-03	59186-03

Drawer unit width: 324 mm, height: 486 mm  
with four drawers 108 mm










					1	2
33400-03	324	324	486	11.0	59190-03	59180-03
34400-03	324	486	486	14.3	59190-03	59186-03

Drawer unit width: 324 mm, height: 864 mm  
with four drawers 108 mm, one drawer 162 mm and one drawer 216 mm










					1	2
33411-03	324	324	864	16.7	59191-03	59182-03
34411-03	324	486	864	21.4	59191-03	59188-03

Drawer unit width: 324 mm, height: 972 mm  
with two drawers 108 mm, three drawers 162 mm and one drawer 216 mm

						
33231-03	324	324	972	17.6	59192-03	59183-03
34231-03	324	486	972	22.4	59192-03	59189-03










Drawer unit width: 486 mm, height: 270 mm  
with two drawers 108 mm

						
43200-03	486	324	270	7.4	59197-03	59178-03
44200-03	486	486	270	10.2	59197-03	59184-03










Drawer unit width: 486 mm, height: 378 mm  
with three drawers 108 mm

						
43300-03	486	324	378	10.1	59198-03	59179-03
44300-03	486	486	378	13.7	59198-03	59185-03










Drawer unit width: 486 mm, height: 486 mm  
with one drawer 108 mm and two drawers 162 mm

						
43120-03	486	324	486	12.4	59193-03	59180-03
44120-03	486	486	486	15.1	59193-03	59186-03










Drawer unit width: 486 mm, height: 486 mm  
with four drawers 108 mm

						
43400-03	486	324	486	13.1	59193-03	59180-03
44400-03	486	486	486	17.2	59193-03	59186-03



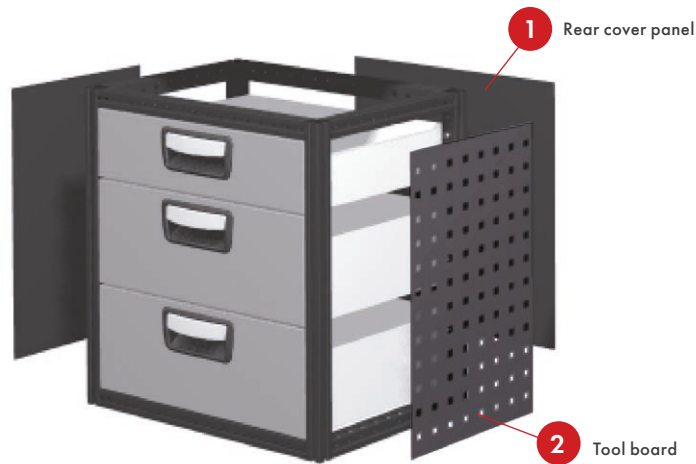
Drawer unit width: 486 mm, height: 864 mm  
with four drawers 108 mm, one drawer 162 mm and one drawer 216 mm

						
43411-03	486	324	864	19.8	59194-03	59182-03
44411-03	486	486	864	25.9	59194-03	59188-03












See page 118 for fittings required










Drawer unit width: 486 mm, height: 972 mm  
with two drawers 108 mm, three drawers 162 mm and one drawer 216 mm

						
43231-03	486	324	972	21.0	59195-03	59183-03
44231-03	486	486	972	27.3	59195-03	59189-03










Drawer unit with integrated stand, width: 486 mm, height: 864 mm  
with two drawers 108 mm, two drawers 162 mm and one drawer 216 mm

						
43221-03	486	324	864	18.2	59194-03	59182-03
44221-03	486	486	864	23.5	59194-03	59188-03

Height of stand 54 mm.










Drawer unit width: 648 mm, height: 270 mm  
with two drawers 108 mm








						
63200-03	648	324	270	9.7	59199-03	59178-03
64200-03	648	486	270	11.9	59199-03	59184-03



Drawer unit width: 648 mm, height: 378 mm  
with three drawers 108 mm








						
63300-03	648	324	378	12.8	59200-03	59179-03
64300-03	648	486	378	15.9	59200-03	59185-03

Drawer unit width: 648 mm, height: 486 mm  
with one drawer 108 mm and two drawers 162 mm

						
63120-03	648	324	486	14.2	59201-03	59180-03
64120-03	648	486	486	17.3	59201-03	59186-03










Drawer unit width: 648 mm, height: 486 mm  
with four drawers 108 mm

						
63400-03	648	324	486	16.0	59201-03	59180-03
64400-03	648	486	486	19.9	59201-03	59186-03










Drawer unit width: 972 mm, height: 270 mm  
with one drawer 216 mm

						
94001-03	972	486	270	11.7	59202-03	59184-03



Drawer unit width: 972 mm, height: 270 mm  
with two drawers 108 mm

						
94200-03	972	486	270	14.9	59202-03	59184-03



# Accessories:

## Ordering guide for drawer inserts



Drawer height: 108 mm

Depth	324	486	648	972
Width	10531-03	10531-03 10530-03	10531-03 10530-03 10530-03	10531-03 10530-03 10530-03 10530-03 10530-03
Depth	486	486	648	972
Width	10533-03	10533-03 10532-03	10533-03 10532-03 10532-03	10533-03 10532-03 10532-03 10532-03 10532-03

Drawer height: 162 mm and 216 mm

Depth	324	486	648	972
Width	10535-03	10535-03 10534-03	10535-03 10534-03 10534-03	10535-03 10534-03 10534-03 10534-03 10534-03
Depth	486	486	648	972
Width	10537-03	10537-03 10536-03	10537-03 10536-03 10536-03	10537-03 10536-03 10536-03 10536-03 10536-03



Insert for 108 mm high drawer

10530-03	162	324	108	0.3
10531-03	324	324	108	0.4
10532-03	162	486	108	0.5
10533-03	324	486	108	0.8








Insert for 162 mm or 216 mm high drawer

10534-03	162	324	162	0.4
10535-03	324	324	162	0.6
10536-03	162	486	162	0.7
10537-03	324	486	162	1.1










Foam insert for drawer

				
50000-03	324	324	5	0.01
50001-03	324	486	5	0.02
50002-03	486	324	5	0.02
50003-03	486	486	5	0.03
50004-03	648	324	5	0.02
50005-03	648	486	5	0.03
50006-03	972	324	5	0.03
50007-03	972	486	5	0.04








Divider for drawer

				
50231-03	3.5	324	65	0.2
50232-03	3.5	486	65	0.3








Modul-Insert

				
12127-03	486	324	72	0.6








Wheel set, four wheels Ø 100 mm

				
50029-03	120	137	130	4.6



Modul-Lock

				
50211-03 <sup>1</sup>	37	20	312	0.4
50212-03 <sup>2</sup>	37	25	312	0.4
50213-03 <sup>1</sup>	37	20	103	0.1
50214-03 <sup>2</sup>	37	25	103	0.1

1. Cam lock version  
2. Padlock version (padlock not included)





# Long drawer units

The drawer units are modular in width, depth and height and can easily be combined with other products in the range. The drawer unit frame's integrated T-tracks can be used for securing cargo, attaching accessories and for versatile surface mounting. Cover panels and tool boards are sold separately.

Drawers are available in three heights and can be arranged as required. Each drawer is fitted with ball bearing runners as standard and has a load capacity of 60 kg with a maximum of 150 kg per drawer unit. The drawers are fully extendable and equipped with stoppers.

The long drawer units are suitable, for example, in configurations with false floors. In smaller vehicles with twin side doors, they can be installed back to back with the drawers opening out of each side door. When combined with, for example, shelves and workbenches, they are the perfect choice for the workshop. Another suitable area for use is in the cargo area of estate cars.





Drawer unit width: 486 mm, height: 270 mm  
with one drawer 216 mm

46001-03	486	648	270	10.1	59150-03	59156-03	59197-03	12091-03



Drawer unit width: 486 mm, height: 486 mm  
with one drawer 108 mm and two drawers 162 mm

46120-03	486	648	486	21.2	59175-03	59156-03	59193-03	12093-03



Drawer unit width: 648 mm, height: 270 mm  
with one drawer 216 mm

66001-03	648	648	270	11.7	59150-03	59199-03	12091-03



Drawer unit width: 648 mm, height: 486 mm  
with one drawer 108 mm and two drawers 162 mm

66120-03	648	648	486	26.0	59175-03	59201-03	12093-03



Drawer unit width: 972 mm, height: 270 mm  
with one drawer 216 mm

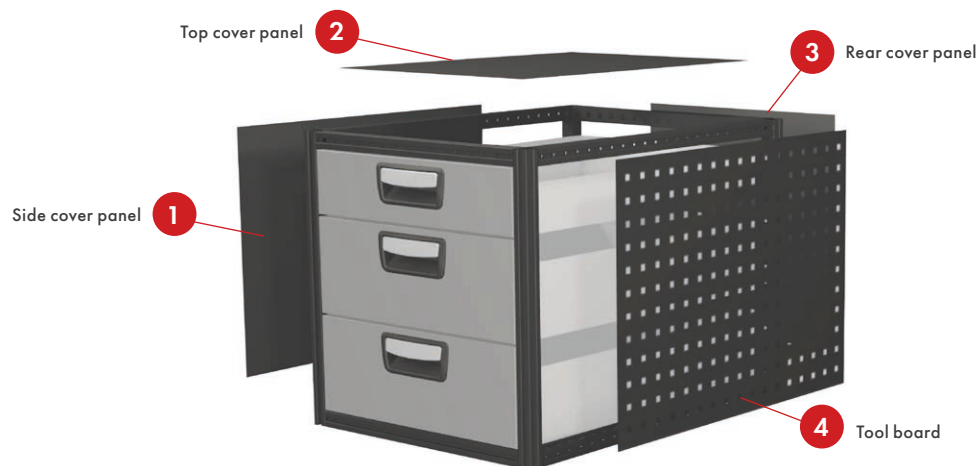
96001-03	972	648	270	15.0	59150-03	59204-03	12091-03



Drawer unit width: 972 mm, height: 270 mm  
with two drawers 108 mm

96200-03	972	648	270	21.1	59150-03	59204-03	12091-03

For shelves, see page 55.  
For work benches, see page 70.



## Accessories:



Foam insert for drawer

50040-03		486	648	5	0.02
50041-03		648	648	5	0.03
50042-03		972	648	5	0.05



Rubber mat for drawer

50045-03		486	648	3	0.6
50046-03		648	648	3	0.8
50047-03		972	648	3	1.2



Divider for drawer

50233-03		3.5	648	65	0.3



Modul-Insert

12127-03		486	324	72	0.6



# Accessories:

## Ordering guide for drawer inserts



Drawer height: 108 mm

Depth	648		648		972	
Width	486		648		972	

Drawer height: 162 mm and 216 mm

Depth	648		648		972	
Width	486		648		972	



Insert for 108 mm high drawer

10530-03		162	324	108	0.3
10531-03		324	324	108	0.4
10532-03		162	486	108	0.5
10533-03		324	486	108	0.8



Insert for 162 mm or 216 mm high drawer

10534-03		162	324	162	0.4
10535-03		324	324	162	0.6
10536-03		162	486	162	0.7
10537-03		324	486	162	1.1









# Extra long drawers

The extra long drawers are designed for carrying heavy, bulky items and they have a load capacity of 80 kg per drawer, with a maximum of 200 kg per drawer unit. The drawers can be pulled out 70 percent and come in depths of up to 1.5 m. You can combine them freely to suit your cargo and vehicle perfectly.

The drawers are made of high-strength steel and are equipped with ball bearing runners, resulting in minimum weight and maximum strength. All drawers have a crash restraint panel (CRP) as standard, a feature that prevents heavy loads from being propelled forward in the event of an accident.

There are three different placement options for the extra long drawers: in between shelf end supports, under false floors and on vehicle and false floors.



## Between shelf end supports

Extra long drawers can be placed directly in between shelf end supports thanks to the ball bearing runners and strong mounting brackets. By placing the drawers between shelf ends, you gain a storage solution that is fully compatible with the other products in our range. Maximum 918 mm high shelf end support.

For placement between shelf end supports, drawers are available in the following heights, widths and depths:

Height:	Width:		Depth:
	324 mm	486 mm	
108 mm	✓		972 mm - 1296 mm
		✓	972 mm - 1458 mm
216 mm	✓		810 mm - 1458 mm

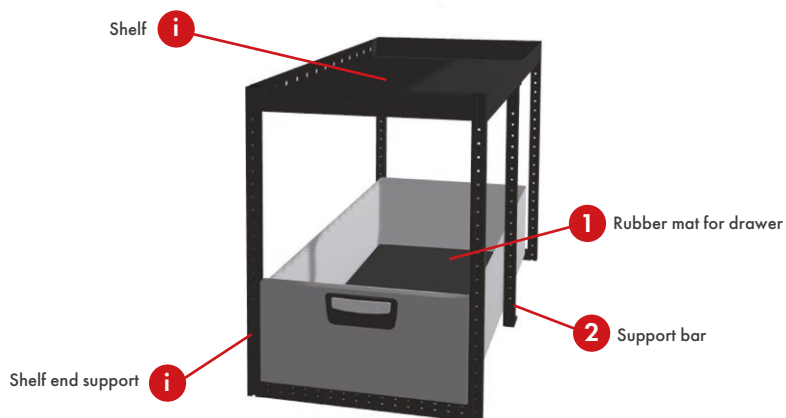
### NOTE

For drawers with depths from 972 mm, vertical supports are required to hold the ball bearing runners.

### Racking proposal for a van:







For shelf end supports, see page 47.  
For shelves, see page 53.



Drawer width: 324 mm, height: 108 mm

12001-03	324	972	108	6.8	12055-03
12003-03	324	1296	108	8.5	12057-03



Drawer width: 486 mm, height: 108 mm

12011-03	486	972	108	7.8	12060-03
12014-03	486	1458	108	10.9	12063-03

#### NOTE:

All installation and mounting parts are supplied with the drawer.

- 2** Drawers with depths from 972 mm require support bars. Order using part number:

08519-03 for 648 mm high shelf end support  
08524-03 for 810 mm high shelf end support  
08529-03 for 918 mm high shelf end support



Drawer width: 324 mm, height: 216 mm

12005-03	324	810	216	7.4	12054-03
12008-03	324	1296	216	10.7	12057-03
12009-03	324	1458	216	11.7	12058-03

# Under false floors

With extra long drawer units, you can utilise the storage space under your false floor while leaving the floor's surface available for other cargo. All drawer units can be equipped with tool boards for added functionality.

For placement under false floors, drawer units are available in the following heights, widths and depths:

Height:	Width:		Depth:
	486 mm	648 mm	
270 mm	✓	✓	810 mm - 1458 mm
378 mm		✓	1134 mm
	✓		1296 mm - 1458 mm
486 mm	✓		1134 mm

Racking proposals for a pick-up and a van:



## On the floor

By combining extra long drawer units with standard drawer combinations and other Modul-System products, where the unique patented T-track acts as an interface to other modules, you gain full flexibility, allowing you to adapt the storage solution to your specific needs. All drawer units can be equipped with tool boards for added functionality.

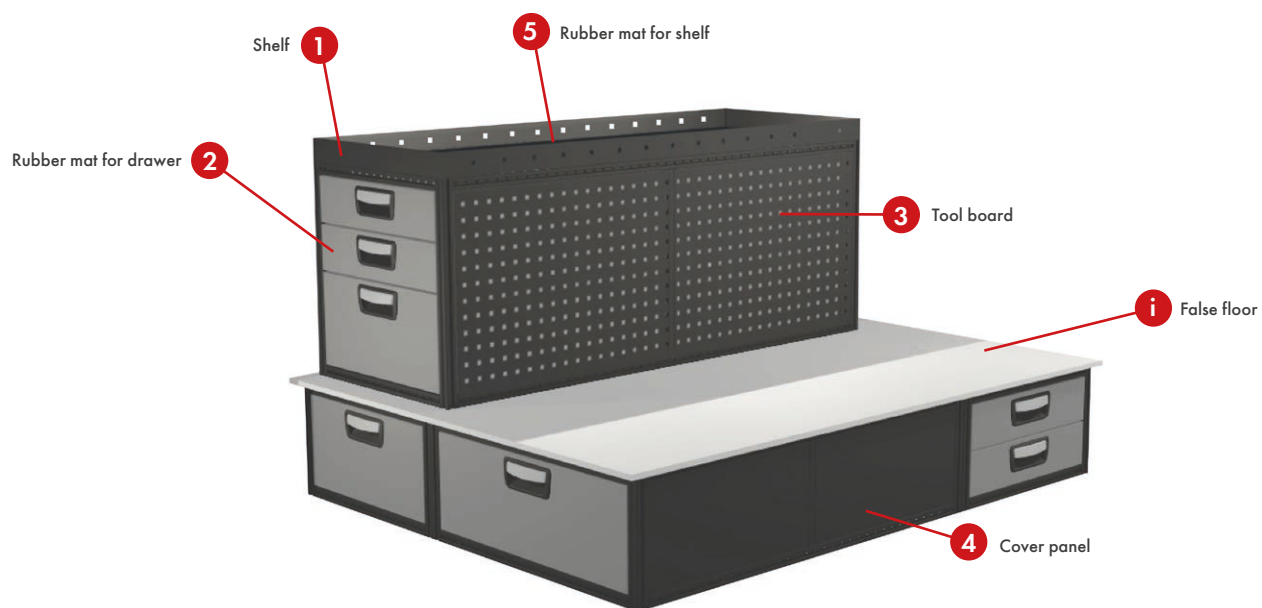
For placement on the floor or above false floors, drawer units are available in the following heights, widths and depths:

Height:	Width:		Depth:
	486 mm	648 mm	
270 mm	✓	✓	810 mm - 1458 mm
378 mm		✓	1134 mm
	✓		1296 mm - 1458 mm
486 mm	✓		1134 mm

Racking proposals for a pick-up and a van:

























Drawer unit width: 486 mm, height: 270 mm  
with one drawer 216 mm








								
12130-03	486	810	270	14.5	55425-03	12059-03	12265-03	15425-03
12131-03	486	972	270	16.7	55430-03	12060-03	12266-03	15430-03
12132-03	486	1134	270	18.6	55435-03	12061-03	12267-03	15435-03
12133-03	486	1296	270	20.5	55440-03	12062-03	12268-03	15440-03
12134-03	486	1458	270	22.3	55445-03	12063-03	12269-03	15445-03

Drawer unit width: 486 mm, height: 270 mm  
with two drawers 108 mm








								
12136-03	486	810	270	19.5	55425-03	12059-03	12265-03	15425-03
12137-03	486	972	270	22.5	55430-03	12060-03	12266-03	15430-03
12138-03	486	1134	270	25.2	55435-03	12061-03	12267-03	15435-03
12139-03	486	1296	270	27.8	55440-03	12062-03	12268-03	15440-03
12140-03	486	1458	270	30.5	55445-03	12063-03	12269-03	15445-03

Drawer unit width: 486 mm, height: 378 mm  
with one drawer 108 mm and one drawer 216 mm

					①	②	③	⑤
12165-03	486	1296	378	30.9	55440-03	12062-03	12273-03	15440-03
12167-03	486	1458	378	32.9	55445-03	12063-03	12274-03	15445-03








Drawer unit width: 486 mm, height: 486 mm  
with two drawers 108 mm and one drawer 216 mm

					①	②	③	⑤
12110-03	486	1134	486	37.6	55435-03	12061-03	12277-03	15435-03








Drawer unit width: 648 mm, height: 270 mm  
with one drawer 216 mm

					①	②	④	⑤
12148-03	648	810	270	16.4	12044-03	12065-03	12265-03	12071-03
12149-03	648	972	270	18.7	12045-03	12066-03	12266-03	12072-03
12150-03	648	1134	270	20.7	12046-03	12067-03	12267-03	12073-03
12151-03	648	1296	270	22.6	12047-03	12068-03	12268-03	12074-03
12152-03	648	1458	270	24.5	12048-03	12069-03	12269-03	12075-03

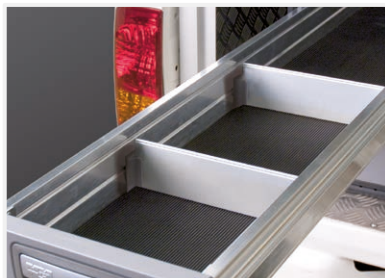


Drawer unit width: 648 mm, height: 378 mm  
with one drawer 324 mm






					①	②	③	⑤
12162-03	648	1134	378	22.0	12046-03	12067-03	12272-03	12073-03



## Accessories:








Drawer divider in aluminium

				
12118-03	324	3.5	65	0.1
12119-03	486	3.5	65	0.2
12120-03	648	3.5	65	0.3








High drawer divider in steel

				
51290-03	324	21	190	0.4
51291-03	486	21	190	0.7
51292-03	648	21	190	0.9








Cargo net

				
12124-03	486	650	10	0.3
12125-03	648	650	10	0.3








Net divider / storage pocket

				
12121-03	324	15	150	0.1
12122-03	486	15	150	0.1
12123-03	648	15	150	0.2








Modul-Insert

				
12127-03	486	324	72	0.6



Finger guard / safety catch

				
12129-03	76	28	16	0.3







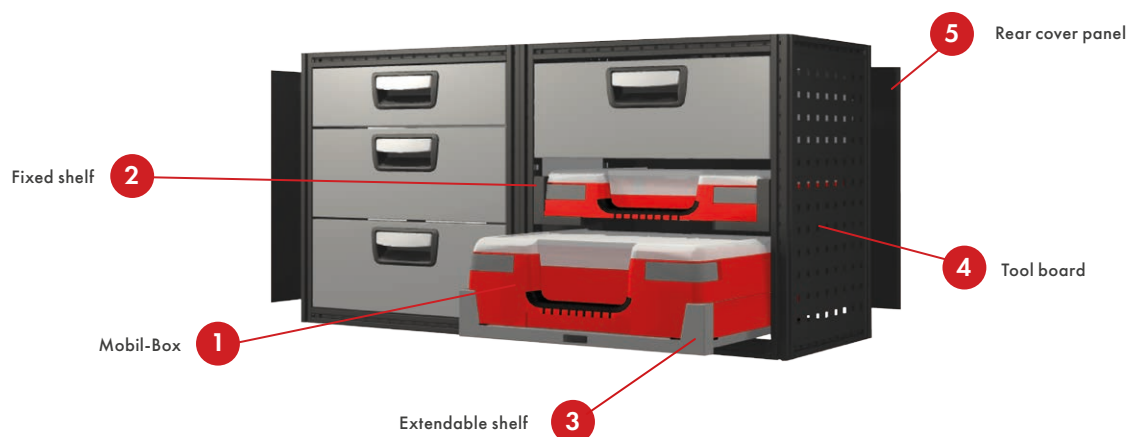


# Drawer unit frames

The drawer unit frame provides safe and convenient storage for Mobil-Boxes and drawers. Modular in width, depth and height, the frames can easily be combined with other products within the system.

The frames allow individual configuration of Mobil-Boxes on fixed or extendable shelves and drawers if required.





Drawer unit frame

Width: 486 mm, height: 378 mm

					①	②	③	④	⑤
59401-03	486	324	378	4.0	10562/10563	59773-03	59759-03	59179-03	59198-03
51221-03	486	486	378	4.4	10562/10563	59773-03+59783-03	59774-03	59185-03	59198-03



Drawer unit frame

Width: 486 mm, height: 486 mm

					①	②	③	④	⑤
59402-03	486	324	486	4.4	10562/10563	59773-03	59759-03	59180-03	59193-03
51222-03	486	486	486	4.9	10562/10563	59773-03+59783-03	59774-03	59186-03	59193-03



Drawer unit frame  
Width: 486 mm, height: 648 mm

					①	②	③	④	⑤
51202-03	486	324	648	5.2	10562/10563	59773-03	59759-03	57306-03	59207-03
51203-03	486	486	648	5.8	10562/10563	59773-03+59783-03	59774-03	57406-03	59208-03



Drawer unit frame  
Width: 648 mm, height: 378 mm

					①	②	③	④	⑤
59421-03	648	324	378	4.6	10567/10565	59773-03	59761-03	59179-03	59200-03
51226-03	648	486	378	5.2	10567/10565	59773-03+59783-03	59775-03	59185-03	59200-03



Drawer unit frame  
Width: 648 mm, height: 486 mm

					①	②	③	④	⑤
59422-03	648	324	486	5.0	10567/10565	59773-03	59761-03	59180-03	59201-03
51227-03	648	486	486	5.6	10567/10565	59773-03+59783-03	59775-03	59186-03	59201-03

## Mobil-Box

The Mobil-Box is a very practical and mobile storage case with an attractive design and smart, modular inserts. It is lightweight, versatile and impact-resistant, with rubberised corners and handle and is resistant to most oils, acids and chemicals. The Mobil-Box can be placed in a 486 mm / 648 mm wide drawer unit frame during transport for maximum safety.



Mobil-Box low, 15 compartments

10562	343	326	79	1.6

For use with 50230-03



Mobil-Box, medium height

10563	343	326	132	1.9

Movable dividers



Mobil-Box low, 24 compartments

10567	539	326	79	2.3



Mobil-Box, medium height

10565	539	326	132	2.6

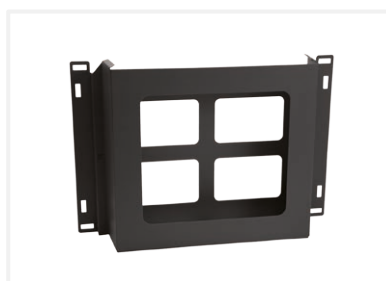
Movable dividers



20 drawer inserts for low Mobil-Box

10568	60	55	67	0.6

For use with 10562



Storage holder for Mobil-Box

50230-03	486	324	96	1.7

For use with 10562



## Drawers

The drawer unit frame can also be equipped with drawers. Each drawer has a built-in catch that prevents it from opening while the vehicle is in motion. When the drawer handle is lifted up, it releases the catch and allows the drawer to be opened.



Drawer  
Width: 486 mm

59767-03		486	324	108	2.2
59768-03		486	324	162	2.6
59769-03		486	324	216	2.8
51266-03		486	324	324	4.2
51238-03		486	486	108	3.1
51239-03		486	486	162	3.6
51240-03		486	486	216	3.9
51268-03		486	486	324	5.2



Drawer  
Width: 648 mm

59770-03		648	324	108	2.8
59771-03		648	324	162	3.2
59772-03		648	324	216	3.6
51267-03		648	324	324	5.1
51241-03		648	486	108	3.6
51242-03		648	486	162	4.1
51243-03		648	486	216	4.5
51269-03		648	486	324	6.2

## Accessories:



Divider for drawer

50231-03		3.5	324	65	0.2
50232-03		3.5	486	65	0.3



Modul-Insert

12127-03		486	324	72	0.6



Foam insert for drawer

50000-03		324	324	5	0.01
50001-03		324	486	5	0.02
50002-03		486	324	5	0.02
50003-03		486	486	5	0.03
50004-03		648	324	5	0.02
50005-03		648	486	5	0.03
50006-03		972	324	5	0.03
50007-03		972	486	5	0.04

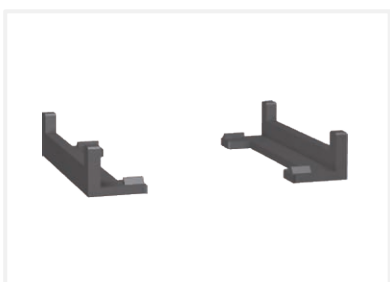
## Fixed and extendable shelves for Mobil-Box

The extendable shelf is equipped with ball bearing runners. When fully extended, the Mobil-Box can be opened while remaining on the shelf.



Extendable shelf

59759-03		486	324	108	2.5
59774-03		486	486	108	3.0
59761-03		648	324	108	2.8
59775-03		648	486	108	3.3



Fixed shelf  
Width: 486 mm and 648 mm

59773-03		486/648	324	79	0.4



Extensions for fixed shelf

59783-03		90	11	60	0.4

Use this part in conjunction with 59773-03 when the fixed shelf is being fitted in a 486 mm deep module.









# End sections and supports

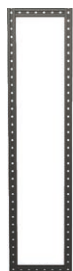
Shelf end supports and extension frames are mainly used in the racking system's end sections. The T-tracks integrated in the profiles are used for securing cargo, attaching accessories and for versatile surface mounting.

Shelf end supports are available with or without tool board. The tool boards perforated pattern allows accessories such as mesh baskets and form holders to be attached easily. When combined with tool holders, they provide versatile and convenient tool storage.

Floor angles / support bars can be used either to prevent upright items from sliding into the vehicle's centre aisle or as additional support for the racking system.

## Shelf end supports

Shelf end supports are end units that can be combined with shelves and / or drawer units and lockers. They come with or without tool board and are available in several heights and depths. The integrated T-track is used for securing cargo, attaching accessories such as for example a grab handle and for versatile surface mounting.



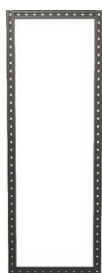
Shelf end support  
Depth: 216 mm

56205-03	27	216	540	1.3	
56210-03	27	216	810	1.8	
56215-03	27	216	918	2.0	



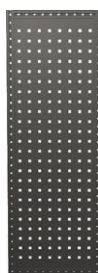
Shelf end support with tool board  
Depth: 216 mm

56205-032	27	216	540	1.8	
56210-032	27	216	810	2.5	
56215-032	27	216	918	2.8	



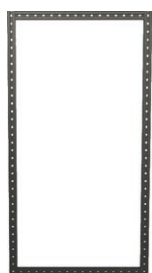
Shelf end support  
Depth: 324 mm

56305-03	27	324	540	1.5	
56306-03	27	324	648	1.7	
56310-03	27	324	810	2.0	
56315-03	27	324	918	2.2	
56320-03	27	324	1026	2.4	
56322-03	27	324	1188	2.5	
56325-03	27	324	1296	2.9	



Shelf end support with tool board  
Depth: 324 mm

56305-032	27	324	540	2.2	
56306-032	27	324	648	2.6	
56310-032	27	324	810	3.1	
56315-032	27	324	918	3.4	
56320-032	27	324	1026	3.8	
56322-032	27	324	1188	4.1	
56325-032	27	324	1296	4.7	



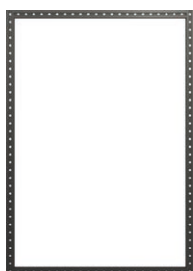
Shelf end support  
Depth: 486 mm

56405-03	27	486	540	1.8	
56406-03	27	486	648	2.0	
56410-03	27	486	810	2.3	
56415-03	27	486	918	2.5	
56420-03	27	486	1026	2.7	
56422-03	27	486	1188	2.8	
56425-03	27	486	1296	3.2	



Shelf end support with tool board  
Depth: 486 mm

56405-032	27	486	540	2.9	
56406-032	27	486	648	3.3	
56410-032	27	486	810	4.0	
56415-032	27	486	918	4.4	
56420-032	27	486	1026	4.9	
56422-032	27	486	1188	5.2	
56425-032	27	486	1296	5.9	



Shelf end support  
Depth: 648 mm

56615-03	27	648	918	3.0	



Shelf end support with tool board  
Depth: 648 mm

56615-032	27	648	918	5.5	



## Extension frames

Extension frames are used to extend the height of the system and are available in several heights and depths. Extension frames are mounted on shelf end supports, drawer units and lockers and can also be used to raise the racking system over the wheel arches.

The T-track solution allows the extension frame to be adjusted depth-wise to give the best fit against the body of the vehicle.



Extension frame  
Depth: 216 mm

58205-03	27	216	216	0.7
58210-03	27	216	270	0.8
58211-03	27	216	378	1.0
58215-03	27	216	486	1.2



Extension frame with tool board  
Depth: 216 mm

58205-032	27	216	216	0.9
58210-032	27	216	270	1.0
58211-032	27	216	378	1.3
58215-032	27	216	486	1.6



Extension frame  
Depth: 324 mm

58310-03	27	324	270	1.0
58311-03	27	324	378	1.2
58315-03	27	324	486	1.4



Extension frame with tool board  
Depth: 324 mm

58310-032	27	324	270	1.3
58311-032	27	324	378	1.7
58315-032	27	324	486	2.0



Extension frame  
Depth: 486 mm

58411-03	27	486	378	1.5



Extension frame with tool board  
Depth: 486 mm

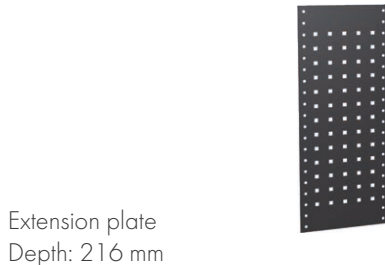
58411-032	27	486	378	2.3

## NOTE

A coupling profile (09879-03) may be used to fit an extension frame on, for example, a shelf end support.

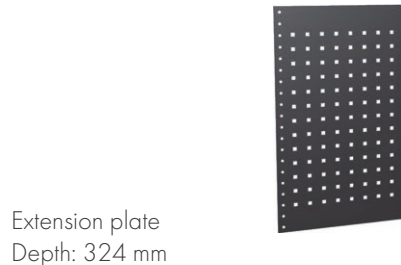
## Extension plates

Extension plates are used when the dimensions of the products do not permit the use of an extension frame. The extension plate is mounted directly onto the drawer unit / shelf end support and a shelf is fixed to the extension plate using a standard fixing.



Extension plate  
Depth: 216 mm

08210-03	1.15	216	270	0.7
08215-03	1.15	216	486	1.1



Extension plate  
Depth: 324 mm

08310-03	1.15	324	270	1.0
08315-03	1.15	324	486	1.6

## Legs for shelf end supports

Legs can be mounted onto shelf end supports to raise them above a wheel arch, for example. Available in heights of 108 mm, 216 mm and 378 mm.



Leg for shelf end support

56100-03	27	27	108	0.1
56101-03	27	27	216	0.2
56102-03	27	27	378	0.3

Coupling profile (09879-03) included

## Floor angles and support bars

This product functions as both a floor angle and support bar and is modular in height and width. As a floor angle, it is used to prevent upright goods from sliding into the vehicle's centre aisle while the vehicle is in motion and can be mounted at floor level or higher up in the racking system. As a support bar, it is used to provide support beneath adjoining drawer units and lockers in combination with shelves.



Floor angle / support bar

08510-03	324	27	77	0.4
08515-03	486	27	77	0.5
08520-03	648	27	77	0.6
08525-03	810	27	77	0.7
08530-03	972	27	77	0.9
08535-03	1134	27	77	1.0
08540-03	1296	27	77	1.2
08545-03	1458	27	77	1.3
08550-03	1620	27	77	1.5
08555-03	1944	27	77	1.9

## Accessories:



Mesh basket

50013-03	161	290	291	0.8

To attach this item to a tool board, use plastic nut 09878-03



Form holder, single

50008-03	105	250	195	0.3

To attach this item to a tool board use plastic nut 09878-03



Form holder, double

50009-03	120	241	478	0.9

To attach this item to a tool board use plastic nut 09878-03



Load stop

50250-03	120	138	218	0.4



Storage holder for Mobil-Box

50230-03	486	324	96	1.7

For use with Mobil-Box 10562



Grab handle

50015-03	221	34	121	0.4



Lashing eyelet for T-track

50025-03	25	90	22	0.2

For lashings see page 100.



Gas bottle stand

50861-03	324	50	50	1.0
50862-03	486	50	50	1.3

Strap length 2.2 m



Hose holder

11866	324	130	165	1.3
11867	486	170	195	2.0





# Shelves

Our standard shelves have a height of 54 mm and the rolled edge on the long side (patent pending) adds stiffness to the construction. The cut outs along the front and back are used for mounting dividers.

## Standard shelves

Shelves are available in depths of 216 mm, 324 mm, 486 mm and 648 mm, the narrowest of which is ideal for use as a top shelf in taller racking systems. For ultimate practicality, shelves can be combined with Modul-Boxes and rubber mats.

## Adjustable and corner shelves

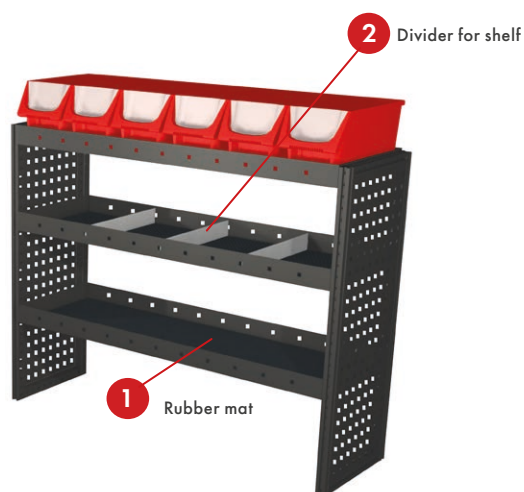
Adjustable shelves are available in lengths up to 3300 mm and are generally used for storing long items. The shelves have a hinged end to facilitate loading and are available in depths of 216 mm and 324 mm. The corner shelf is useful for where the side of the vehicle meets a partition.

## Load capacity

Our standard shelves and the corner shelf have a load capacity of 120 kg and adjustable shelves, shelves with drop down front and the Compact Series shelves can be loaded with up to 70 kg. When we specify load capacity, we are referring to *dynamic load capacity*, that is, the load the shelf can carry when fitted in a vehicle traveling on rough roads during an estimated life.

## NOTE

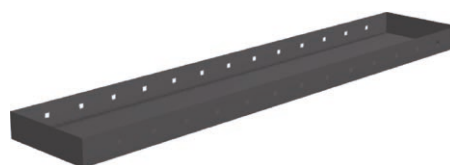
By multiplying the module dimension of the shelf by two, you can work out how many Modul-Boxes will fit. Example: Shelf 3 modules  $\times 2 = 6$  Modul-Boxes. We are happy to discuss your specific requirement if none of our standard shelf dimensions fit your application.



324	←————→	1 module
486	←————→	1.5
648	←————→	2
810	←————→	2.5
972	←————→	3
1134	←————→	3.5
1296	←————→	4
1458	←————→	4.5
1620	←————→	5
1782	←————→	5.5
1944	←————→	6

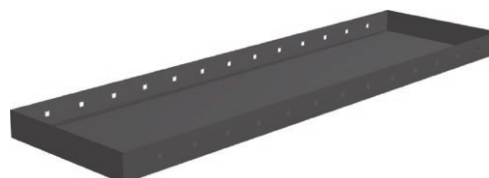
Shelf  
Depth: 216 mm

					①	②
55220-03	648	216	54	1.1	15220-03	50241-03
55225-03	810	216	54	1.7	15225-03	50241-03
55230-03	972	216	54	2.0	15230-03	50241-03
55235-03	1134	216	54	2.3	15235-03	50241-03
55240-03	1296	216	54	2.6	15240-03	50241-03
55245-03	1458	216	54	2.9	15245-03	50241-03
55250-03	1620	216	54	4.2	15250-03	50241-03
55252-03	1782	216	54	4.6	15252-03	50241-03
55255-03	1944	216	54	5.0	15255-03	50241-03



Shelf  
Depth: 324 mm








					①	②
55310-03	324	324	54	0.8	15310-03	50242-03
55315-03	486	324	54	1.2	15315-03	50242-03
55320-03	648	324	54	1.5	15320-03	50242-03
55325-03	810	324	54	2.2	15325-03	50242-03
55330-03	972	324	54	2.6	15330-03	50242-03
55335-03	1134	324	54	3.0	15335-03	50242-03
55340-03	1296	324	54	3.4	15340-03	50242-03
55345-03	1458	324	54	3.8	15345-03	50242-03
55350-03	1620	324	54	5.4	15350-03	50242-03
55352-03	1782	324	54	6.0	15352-03	50242-03
55355-03	1944	324	54	6.5	15355-03	50242-03

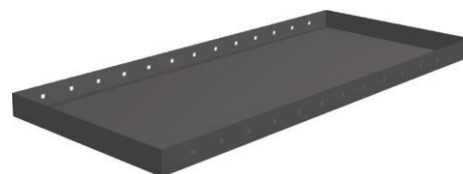




### Shelf








Depth: 486 mm

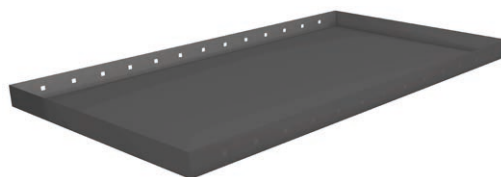
						
55410-03	324	486	54	1.1	15410-03	50243-03
55415-03	486	486	54	1.6	15415-03	50243-03
55420-03	648	486	54	2.4	15420-03	50243-03
55425-03	810	486	54	2.9	15425-03	50243-03
55430-03	972	486	54	3.5	15430-03	50243-03
55435-03	1134	486	54	4.0	15435-03	50243-03
55440-03	1296	486	54	4.5	15440-03	50243-03
55445-03	1458	486	54	6.0	15445-03	50243-03
55450-03	1620	486	54	7.3	15450-03	50243-03
55452-03	1782	486	54	8.0	15452-03	50243-03
55455-03	1944	486	54	8.7	15455-03	50243-03



### Shelf







Depth: 648 mm

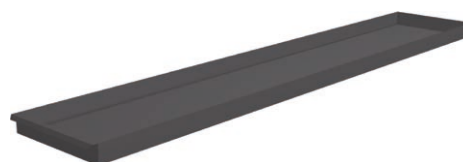
						
12043-03	648	648	54	2.9	12070-03	50244-03
12044-03	810	648	54	3.6	12071-03	50244-03
12045-03	972	648	54	4.3	12072-03	50244-03
12046-03	1134	648	54	4.9	12073-03	50244-03
12047-03	1296	648	54	7.5	12074-03	50244-03
12048-03	1458	648	54	8.2	12075-03	50244-03









### Adjustable shelf

Depth: 216 and 324 mm

					
05255-03	1930-3300	216	54	8.6	15260-03
05355-03	1930-3300	324	54	11.3	15360-03



### Corner shelf

					
05361-03	515	324	54	1.9	15361-03





Drop down front

## Shelves with drop down fronts

The shelves come in three widths, two heights and two depths, offering high-volume capacity thanks to the drop down fronts. The handy locking mechanism makes the front easy to open and close and prevents noise when the vehicle is in motion. The drop down front, which is not included with the shelf as standard, can also be placed directly between shelf end supports.

### Shelf for drop down front


Depth: 324 mm

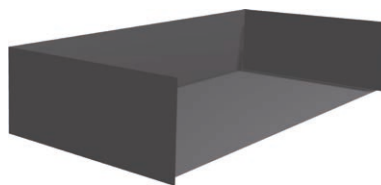
					
52600-03	810	324	108	2.9	52620-03
52601-03	972	324	108	4.2	52621-03
52602-03	1134	324	108	4.8	52622-03
52606-03	1296	324	108	5.4	52623-03
52610-03	810	324	216	4.6	52630-03
52611-03	972	324	216	5.3	52631-03
52612-03	1134	324	216	6.0	52632-03
52617-03	1296	324	216	7.2	52624-03








### Shelf for drop down front

Depth: 486 mm

					
52603-03	810	486	108	4.7	52620-03
52604-03	972	486	108	5.4	52621-03
52605-03	1134	486	108	6.3	52622-03
52607-03	1296	486	108	6.7	52623-03
52613-03	810	486	216	6.0	52630-03
52614-03	972	486	216	6.9	52631-03
52615-03	1134	486	216	7.7	52632-03
52618-03	1296	486	216	8.5	52624-03

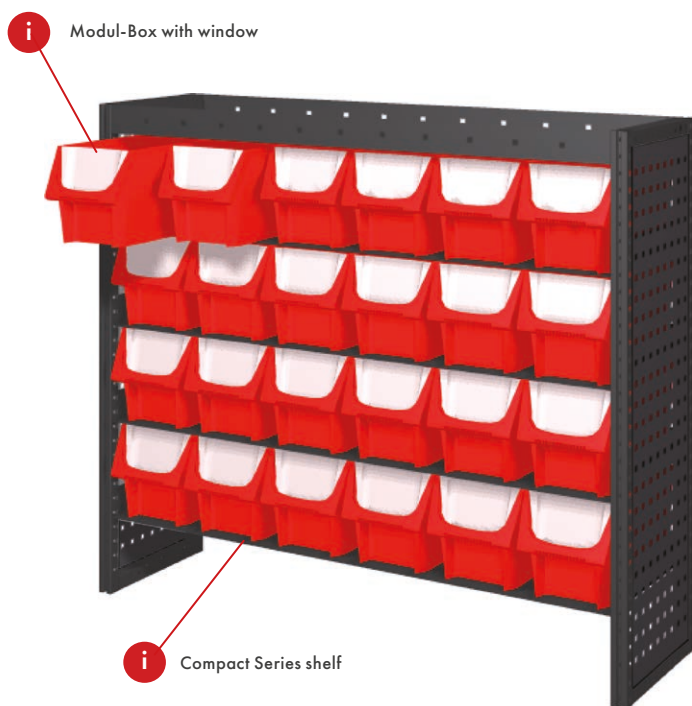


### Drop down front in aluminium

				
52620-03	810	47	108	1.3
52621-03	972	47	108	1.5
52622-03	1134	47	108	1.8
52623-03	1296	47	108	2.0
52630-03	810	47	216	2.3
52631-03	972	47	216	2.7
52632-03	1134	47	216	3.1
52624-03	1296	47	216	3.5

Can be ordered in other lengths: contact our Sales Department.

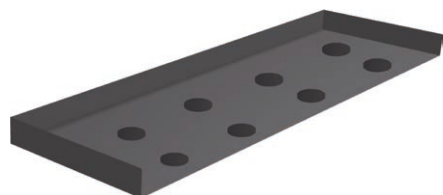




## Compact Series shelves






Compact Series is an innovative shelving system that provides an efficient utilisation of storage space when combined with Modul-Boxes. This is due to the design of the shelves, which allows them to be positioned close to each other. This patented solution offers a cost-effective alternative to drawer units and is ideal for lighter, less bulky, loads.

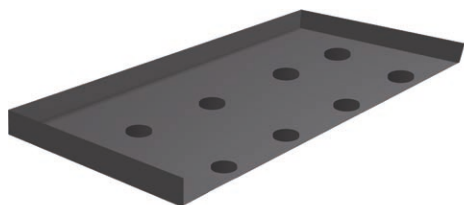
For maximum safety, the Modul-Boxes are locked in position when they are pushed backwards and are easily released by gently lifting the handle before pulling forwards. The back edges are 54 mm high and the shelves are designed for widths of 324 mm to 1 134 mm and depths of 324 mm and 486 mm. Modul-Boxes are sold separately.



### Compact Series shelf






Depth: 324 mm

				
52310-03	324	324	54	1.2
52315-03	486	324	54	1.7
52325-03	810	324	54	2.7
52330-03	972	324	54	3.3
52335-03	1134	324	54	3.8



### Compact Series shelf

Depth: 486 mm






				
52425-03	810	486	54	4.3
52430-03	972	486	54	5.1
52435-03	1134	486	54	5.9



# Accessories:








Divider for standard shelf

				
50241-03	3.5	216	54	0.1
50242-03	3.5	324	54	0.1
50243-03	3.5	486	54	0.2
50244-03	3.5	648	54	0.2








File stand for shelf

				
50012-03	318	300	183	1.9



Shelf bracket

				
08600-03	65	216	94	0.3
08601-03	65	324	94	0.4

For rubber mats,  
see page 86.





Modul-Box 162 x 216 mm

10479-03	162	225	170	0.4



Modul-Box 162 x 324 mm

10480-03	162	333	170	0.5



Modul-Box 162 x 486 mm

10481-03	162	495	170	0.7



Modul-Box 324 x 324 mm

10487-03	324	333	170	0.9



Divider for Modul-Box

10482-03	162	6	162	0.1
10488-03	324	6	162	0.2



Window for Modul-Box

10483-03	162	35	85	0.1
10489-03	324	35	95	0.1



Handle for Modul-Box

10490-03	324	20	160	0.1

For use with 10487-03



Plastic box

10518	430	300	150	0.8
10517	430	300	285	1.2
10516	625	400	150	1.6
10515	625	400	285	2.4



Lid for plastic box

10520	430	300	20	0.3
10519	625	400	20	0.7



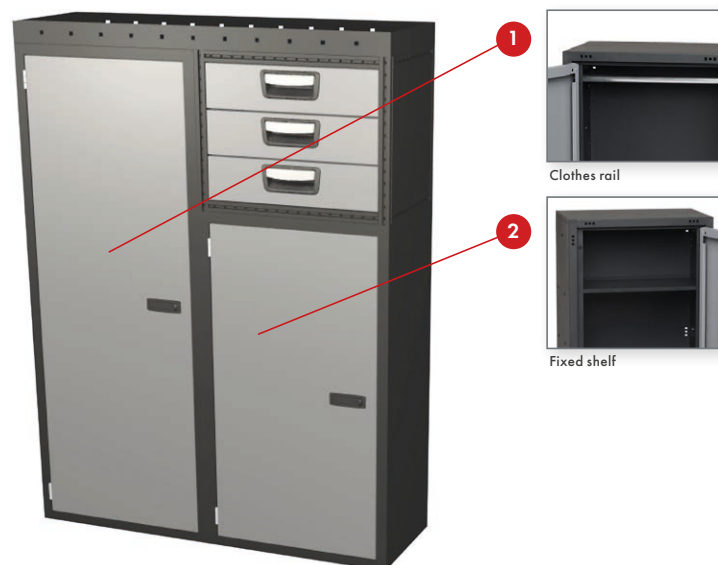


# Lockers and doors

Our range of lockers provides effective storage for your cargo and can usefully be combined with drawer units and other components. All vertical, horizontal and gas lockers are modular in width, depth and height. The locker door can be mounted to hang right or left. As an option, lockers with a height from 864 mm can be fitted with shelves and a clothes bar.

## **NOTE**

Lockers with a square base are especially useful, as they can be rotated as required.










### Vertical storage locker and gas bottle locker

Vertical lockers are supplied with cover panels and a door as standard. The locker door can be mounted to be right or left hand opening. As an option, lockers can be fitted with shelves and a clothes rail. The gas bottle locker has seals around the door to prevent leakage and is supplied with a gas bottle stand as standard.









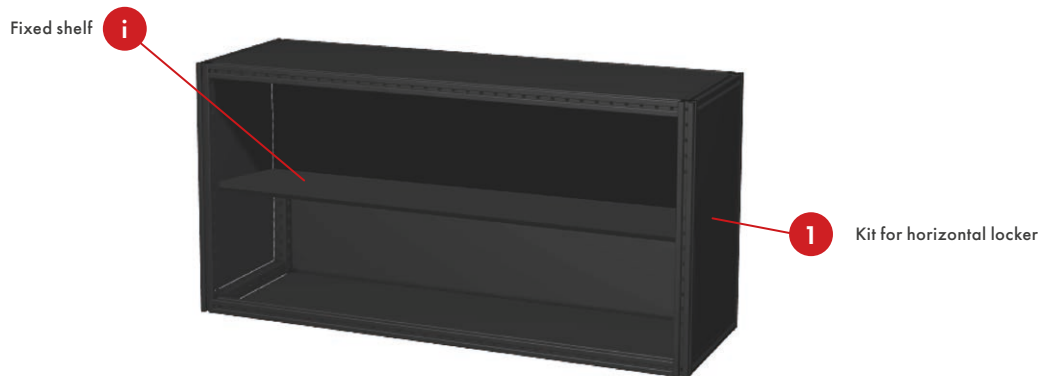
Storage locker, vertical  
Width: 486 mm

						
59549-03	486	324	378	6.0	-	-
59550-03	486	324	486	7.0	-	-
59551-03	486	324	864	10.9	59544-03	59530-03
59553-03	486	324	1242	14.9	59544-03	59530-03
59554-03	486	486	378	7.3	-	-
59555-03	486	486	486	8.5	-	-
59556-03	486	486	864	13.1	59544-03	59531-03
59558-03	486	486	972	14.3	59544-03	59531-03
59559-03	486	486	1242	17.6	59544-03	59531-03



Gas bottle locker  
Width: 486 mm

					
59685-03	486	324	486	9.4	59528-03
59557-03	486	486	864	17.3	59529-03



### Wheel arch frame and horizontal locker







The frame can be placed over a wheel arch, providing a very secure foundation for drawer units and /or lockers with a load capacity of up to 200 kg. The clearance is 351 mm / 459 mm. Add cover panels to the frame (kit for horizontal locker), a hinged door or an EGS door that opens vertically upwards (see page 65). A bench top can be fitted to create an additional work surface.

#### NOTE

Bench top cannot be combined with a vertically opening door. By adding a base, top, sides and back, you can convert the wheel arch frame into a horizontal locker that can also be placed higher up in the system if desired.






Wheel arch frame combined with cover panels and shelves

Width: 810 mm, 972 mm and 1134 mm

					
59560-03	810	324	378	4.4	59590-03
59561-03	810	324	486	4.8	59591-03
59562-03	810	486	378	5.0	59592-03
59563-03	810	486	486	5.4	59593-03
59564-03	972	324	378	4.8	59594-03
59565-03	972	324	486	5.3	59595-03
59566-03	972	486	378	5.4	59596-03
59567-03	972	486	486	5.9	59597-03
59568-03	1134	324	378	5.3	-
59569-03	1134	324	486	5.7	-
59570-03	1134	486	378	5.9	-
59571-03	1134	486	486	6.2	-



Bench top for wheel arch frame

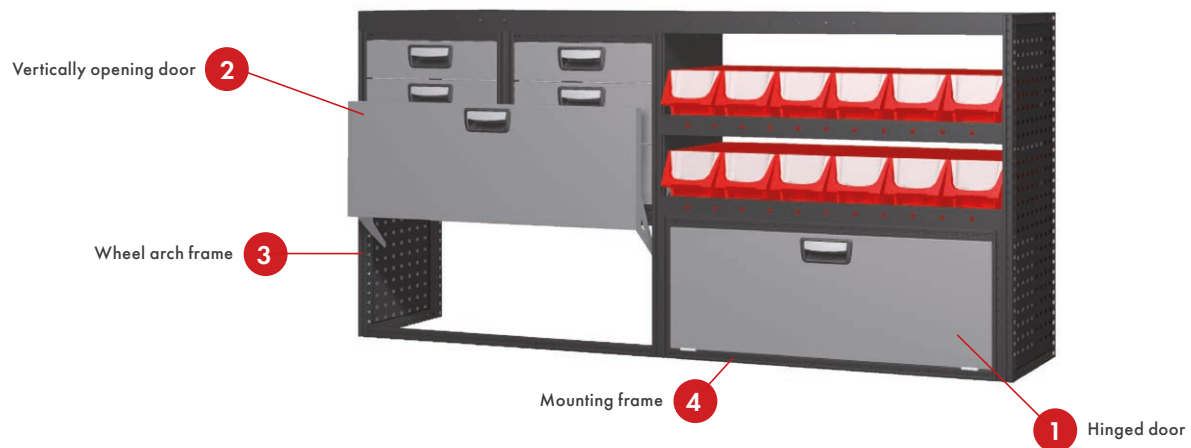
				
59546-03	810	230	70	9.5
59547-03	972	230	70	10.3



#### NOTE








Please be aware of the wheel arch height when placing a bench top in a 378 mm high wheel arch frame, as there is limited clearance.





Wheel arch frame combined with doors  
Width: 810 mm, 972 mm and 1134 mm



						
59560-03	810	324	378	4.4	59576-03	59582-03
59561-03	810	324	486	4.8	59577-03	-
59562-03	810	486	378	5.0	59576-03	59582-03
59563-03	810	486	486	5.4	59577-03	-
59564-03	972	324	378	4.8	59578-03	59584-03
59565-03	972	324	486	5.3	59579-03	-
59566-03	972	486	378	5.4	59578-03	59584-03
59567-03	972	486	486	5.9	59579-03	-
59568-03	1134	324	378	5.3	59580-03	59586-03
59569-03	1134	324	486	5.7	59581-03	-
59570-03	1134	486	378	5.9	59580-03	59586-03
59571-03	1134	486	486	6.2	59581-03	-

## Mounting frame







Mounting frames are available in widths of 810 mm, 972 mm and 1134 mm and in heights of 378 mm and 486 mm to suit the wheel arch height of the vehicle. Used for mounting doors between two shelf end supports.

### NOTE

Vertically opening doors (EGS doors) cannot be fitted to mounting frames.

Mounting frame  
Width: 810 mm, 972 mm and 1134 mm








					
59598-03	810	27	378	2.1	59576-03
59599-03	810	27	486	2.3	59577-03
59600-03	972	27	378	2.4	59578-03
59601-03	972	27	486	2.6	59579-03
59602-03	1134	27	378	2.7	59580-03
59603-03	1134	27	486	2.9	59581-03

## Hinged doors for wheel arch frames, mounting frames and horizontal lockers

Hinged doors are available in widths of 810 mm, 972 mm and 1134 mm and are fitted with gas springs that ensure smooth opening and closing. The opening angle is 90°. The door pull has a built-in catch that prevents it from opening while the vehicle is in motion. The door is also suitable for wheel arch frames fitted with bench tops. When fitting doors between two shelf end supports, a mounting frame must be used.

Hinged door

Width: 810 mm, 972 mm and 1134 mm

					③	④
59576-03	810	27	378	2.9	59560-03/59562-03	59598-03
59577-03	810	27	486	3.4	59561-03/59563-03	59599-03
59578-03	972	27	378	3.3	59564-03/59566-03	59600-03
59579-03	972	27	486	3.9	59565-03/59567-03	59601-03
59580-03	1134	27	378	3.8	59568-03/59570-03	59602-03
59581-03	1134	27	486	4.4	59569-03/59571-03	59603-03



## Vertically opening doors for wheel arch frames and horizontal lockers






The doors, equipped with gas springs, are designed to open upwards to provide maximum use of floor space, easier loading and improved ergonomics for the user.

### NOTE

Vertically opening doors (EGS doors) cannot be combined with a bench top.

Vertically opening door

Width: 810 mm, 972 mm and 1134 mm

					③
59582-03	810	27	378	5.6	59560-03/59562-03
59584-03	972	27	378	6.2	59564-03/59566-03
59586-03	1134	27	378	6.6	59568-03/59570-03



## Accessories:



Clothes rail

59544-03	486	-	-	0.1



Hook for clothes rail

59543-03	54	23	58	0.1



Fixed shelf

59530-03	486	324	15	0.8
59531-03	486	486	15	1.2









# Workbenches and tool boards

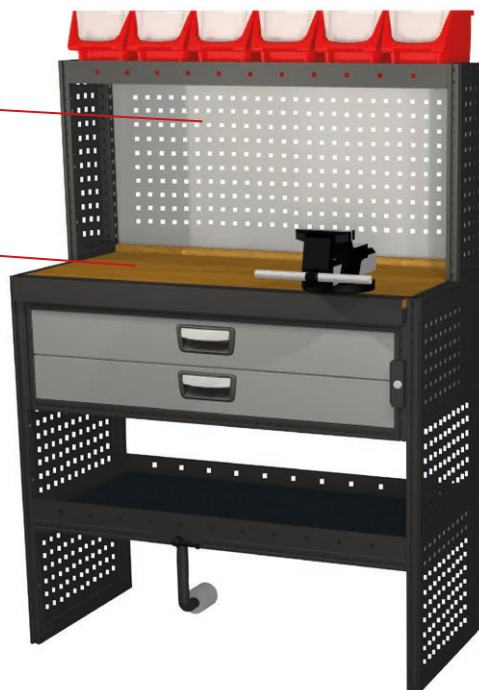
By combining workbenches and tool boards with drawer units, shelf end supports and shelves, you can create a useful and practical space for working and stowing items in your vehicle.



Tool board for workbench



Wooden workbench



### Heavy-duty workbench with steel edged front

Workbench in lacquered edge-glued beechwood with a stop at the rear and steel edging at the front. If required, angle brackets can be mounted on shelf end supports and then function as additional supports for the bench top.

Wooden workbench  
with steel-edged front

10436-03	972	513	74	13.0
10437-03	1134	513	74	15.3
10438-03*	1458	513	74	19.1

\*Can be cut to 1296 mm



Angle bracket for workbench

09870-03	486	50	50	1.1

### Workbench

Bench top in oiled, edge-glued beechwood. A rear panel can be mounted to prevent items from falling down behind the bench top.



Wooden workbench

10442-03	972	510	27	9.3
10443-03	1134	510	27	10.7
10445-03	1458	510	27	13.4
10462-03	972	672	27	11.5
10463-03	1134	672	27	13.4
10464-03	1296	672	27	15.3
10465-03	1458	672	27	17.2








Rear panel for workbench

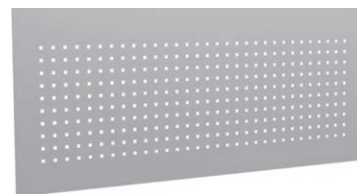
10449-03	972	27	54	0.9
10450-03	1134	27	54	1.0
10451-03	1296	27	54	1.3
10452-03	1458	27	54	1.5

## Tool boards and tool rails






Tool boards and tool rails can be used in many different ways, wherever you need to keep your tools in order. The boards and rails are made of aluminium and have 9 mm square perforations with hole centre spacing of 34 mm.

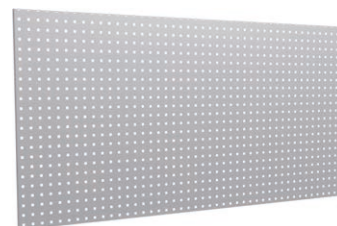
Tool board for workbench

				
50685-03	972	1.5	500	2.1
50686-03	1134	1.5	500	2.5
50687-03	1458	1.5	500	3.1



Tool board with frame

				
50610-03	932	1.5	500	2.2
50611-03	963	1.5	963	4.4
50612-03	1500	1.5	750	4.9
50613-03	1500	1.5	963	6.5



Tool rail (narrow tool board)

				
50614-03	2000	1.5	70	0.9
50615-03	2000	1.5	130	1.4











# Extendable base frames

Extendable base frames are securely attached to the vehicle floor and are suitable for loading and unloading heavy, bulky items. A simple release mechanism allows the frame to be extended out from the vehicle. The base frame can be pulled out 70 percent.

Loading platforms of 12 mm plywood with metal edges are available in three different models and are made to order. Rubber mat included.

## Extendable loading frames






The loading frame is intended for permanent mounting in the vehicle and is fitted with a separate loading platform of a suitable size. The loading frame locks automatically in the pulled out and pushed in positions and its load capacity is around 200 kg with an evenly distributed load. The loading frame comprises of a steel frame with runners and fittings etc.

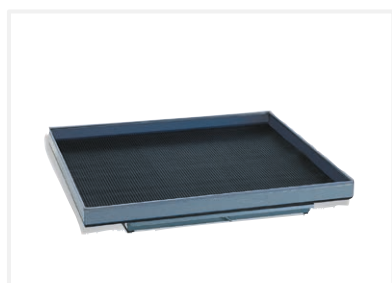
## Loading platforms

Loading platforms can be longer and wider than the loading frame and are made to order. Loading platforms come in three different models and can be used as "pull-out floor space", making it easier to load and unload heavy or bulky items.

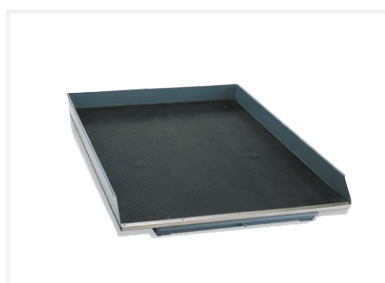
Contact our Sales Department for more information.

Extendable loading frame

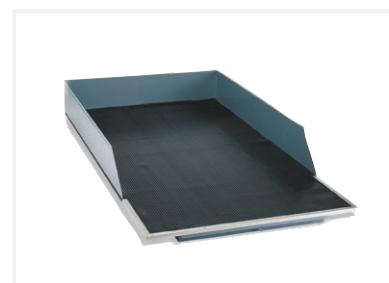
				
11875-01	500	950	72	18.1
11881-01	800	1700	72	32.7
12202	300	1300	72	19.6
12250	300	1700	72	23.6



Loading platform, model 1  
Edge height 100 mm



Loading platform, model 2  
Edge height 100 mm



Loading platform, model 3  
Edge height 200 mm









# Tool trolley

A robust tool trolley for your workshop. The trolley is of the same high quality as our modules for service vehicles and offers efficient storage of hand and machine tools.

The tool trolley is fitted with high-quality industrial wheels, which means that it can be moved around easily on all surfaces. As the trolley is made using components from our standard product range, parts are interchangeable between the trolley and the racking system in your vehicle. The trolley can also be fitted with Modul accessories and be locked with a padlock.





For tool holders, see page 92.

Tool trolley incl. wheel set and storage holder on the back

59606-03	648	486	1802	52.0

## Accessories:



Grab handle

50015-03	221	34	121	0.4



Hose holder

11866	324	130	165	1.3
11867	486	170	195	2.0



Mesh basket

50013-03	161	290	291	0.8



Form holder, single

50008-03	105	250	195	0.3



Form holder, double

50009-03	120	241	478	0.9









# Modul accessories

Modul-System accessories are innovative products that have been specifically developed for use with the Modul-System range. By adding Modul-System accessories, you can extend the functionality of the racking system and make your workspace even more efficient.



## For drawer units and shelves

### Mobil-Box

The Mobil-Box is a very practical storage case with an attractive design and smart, modular inserts. It is lightweight, versatile and highly impact-resistant, with rubberised corners and handle. The Mobil-Box is resistant to most oils, acids and chemicals and can be placed in a drawer unit frame during transport for maximum safety.



Mobil-Box low, 15 compartments

10562	343	326	79	1.6

For use with 50230-03



Mobil-Box, medium height

10563	343	326	132	1.9

Movable dividers



Mobil-Box low, 24 compartments

10567	539	326	79	2.3



Mobil-Box medium height

10565	539	326	132	2.6

Movable dividers

### Accessories for Mobil-Box

The Mobil-Box inserts allow you to divide Mobil-Boxes into sections to permit better organisation of smaller items such as keys and electronic equipment. The storage holder is mounted onto the shelf end support, providing a place to stow the Mobil-Box.



20 drawer inserts for low Mobil-Box

10568	60	55	67	0.6



Storage holder for Mobil-Box

50230-03	486	324	96	1.7

For use with 10562

## Modul-Boxes

Modul-Boxes are designed for shelves with depths of 216 mm, 324 mm and 486 mm. They are made from impact-resistant materials and are resistant to most oils, acids and chemicals. All Modul-Boxes can be supplied with a window and dividers and for the wide box a carrying handle is available.



Modul-Box 162 x 216 mm

10479-03	162	225	170	0.4



Modul-Box 162 x 324 mm

10480-03	162	333	170	0.5



Modul-Box 162 x 486 mm

10481-03	162	495	170	0.7



Modul-Box 324 x 324 mm

10487-03	324	333	170	0.9



Divider for Modul-Box

10482-03	162	6	162	0.1
10488-03	324	6	162	0.2



Window for Modul-Box

10483-03	162	35	85	0.1
10489-03	324	35	95	0.1



Handle for Modul-Box

10490-03	324	20	160	0.1

For use with 10487-03



Plastic box

10518	430	300	150	0.8
10517	430	300	285	1.2
10516	625	400	150	1.6
10515	625	400	285	2.4



Lid for plastic box

10520	430	300	20	0.3
10519	625	400	20	0.7

## For drawer units and shelves

### Inserts for drawers

Inserts are used for more efficient storage space in drawers. Available in depths of 324 mm and 486 mm and in heights of 108 mm and 162 mm, to achieve optimal load capacity in low and medium height drawers.

**NOTE** To use the space in the wider drawers as efficiently as possible, combine a 324 mm wide insert with a 162 mm wide insert.



Insert for 108 mm high drawer

10530-03	162	324	108	0.3
10531-03	324	324	108	0.4
10532-03	162	486	108	0.5
10533-03	324	486	108	0.8



Insert for 162 mm / 216 mm high drawer

10534-03	162	324	162	0.4
10535-03	324	324	162	0.6
10536-03	162	486	162	0.7
10537-03	324	486	162	1.1

Use the drawer inserts guide on pages 20 and 26 to quickly find the part numbers you need.

### Modul-Insert

Permits storage at two levels: larger, heavier items can be placed in the bottom of the drawer and smaller items in the insert on top.



Modul-Insert

12127-03	486	324	72	0.6



### Foam inserts

Sound and impact absorbent foam inserts for drawers, to protect fragile tools, spare parts etc. Available for drawers with depths of 324 mm, 486 mm and 648 mm. Thickness 5 mm. Supplied individually.



Foam insert for drawer

50000-03		324	324	5	0.01
50001-03		324	486	5	0.02
50002-03		486	324	5	0.02
50003-03		486	486	5	0.03
50040-03		486	648	5	0.02
50004-03		648	324	5	0.02
50005-03		648	486	5	0.03
50041-03		648	648	6	0.03
50006-03		972	324	5	0.03
50007-03		972	486	5	0.04
50042-03		972	648	5	0.05

### Dividers for drawers

Movable drawer dividers allow you to easily divide drawers into smaller compartments. Material: aluminium. Supplied individually, fittings included.



Divider for drawer

50231-03		3.5	324	65	0.2
50232-03		3.5	486	65	0.3
50233-03		3.5	648	65	0.3

### File stand for shelf

Stand with compartments for A4 ring binders. Intended for placement in shelves.



File stand for shelf 324 mm deep

50012-03		318	300	183	1.9

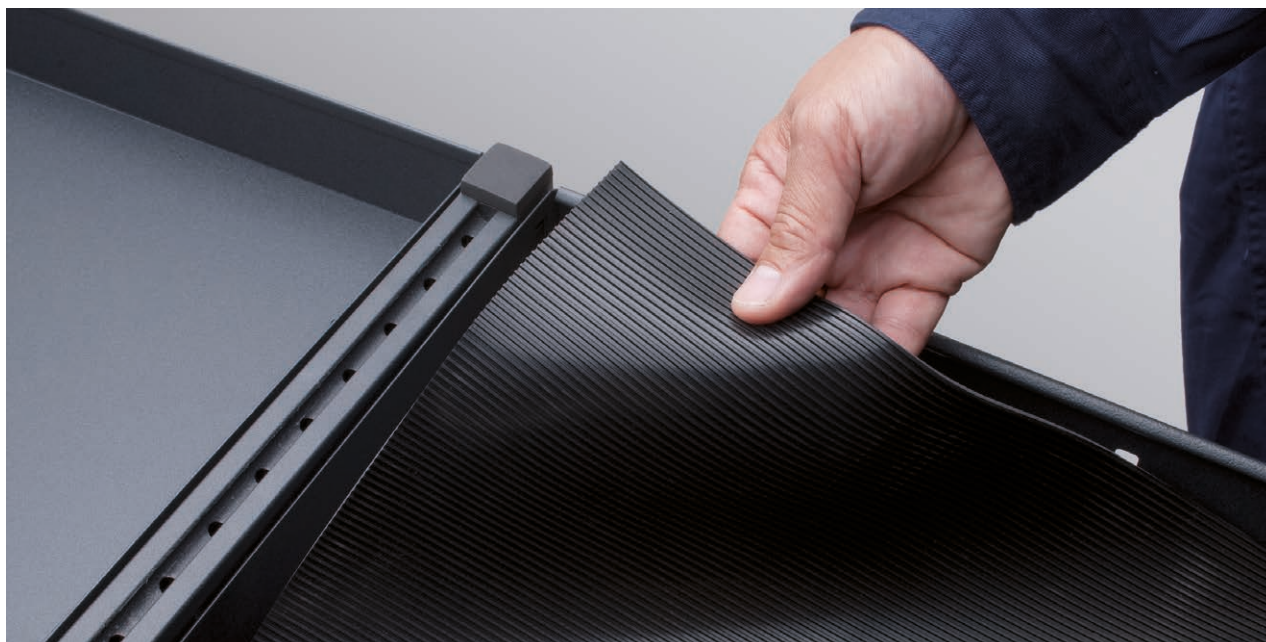
### Divider for standard shelf

With this divider you can easily divide shelves into smaller compartments. The shelf divider is easy to move and designed to withstand a considerable load. Material: aluminium. Supplied individually, fittings included.



Divider for standard shelf

50241-03		3.5	216	54	0.1
50242-03		3.5	324	54	0.1
50243-03		3.5	486	54	0.2
50244-03		3.5	648	54	0.2



## Rubber mat

Ribbed rubber matting is supplied pre-cut for all shelf sizes. This keeps the surface of the shelf clean while also keeping the contents in place.

Rubber mat for shelf  
Depth: 216 mm

15220-03	648	216	3	0.3	
15225-03	810	216	3	0.4	
15230-03	972	216	3	0.5	
15235-03	1134	216	3	0.5	
15240-03	1296	216	3	0.6	
15245-03	1458	216	3	0.7	
15250-03	1620	216	3	0.8	
15252-03	1782	216	3	0.8	
15255-03	1944	216	3	0.9	

Rubber mat for shelf  
Depth: 324 mm

15310-03	324	324	3	0.2	
15315-03	486	324	3	0.3	
15320-03	648	324	3	0.5	
15325-03	810	324	3	0.6	
15330-03	972	324	3	0.7	
15335-03	1134	324	3	0.8	
15340-03	1296	324	3	0.9	
15345-03	1458	324	3	1.0	
15350-03	1620	324	3	1.2	
15352-03	1782	324	3	1.3	
15355-03	1944	324	3	1.4	

Rubber mat for adjustable shelf

15260-03	3300	216	3	1.6	
15360-03	3300	324	3	2.4	

Rubber mat for corner shelf

15361-03	515	324	3	0.9	

Rubber mat for shelf  
Depth: 486 mm

15410-03	324	486	3	0.3	
15415-03	486	486	3	0.5	
15420-03	648	486	3	0.7	
15425-03	810	486	3	0.9	
15430-03	972	486	3	1.1	
15435-03	1134	486	3	1.2	
15440-03	1296	486	3	1.4	
15445-03	1458	486	3	1.6	
15450-03	1620	486	3	1.8	
15452-03	1782	486	3	1.9	
15455-03	1944	486	3	2.1	

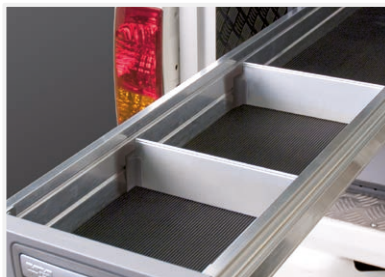
Rubber mat for shelf  
Depth: 648 mm

12070-03	648	648	3	0.9	
12071-03	810	648	3	1.8	
12072-03	972	648	3	2.1	
12073-02	1134	648	3	2.5	
12074-03	1296	648	3	2.8	
12075-03	1458	648	3	3.2	

Rubber mat, 10 m roll

10332-03	10000	324	3	7.2	
10333-03	10000	486	3	10.8	

## For extra-long drawers



Drawer divider in aluminium

12118-03		324	3.5	65	0.1
12119-03		486	3.5	65	0.2
12120-03		648	3.5	65	0.3



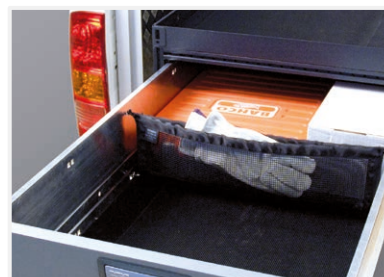
High drawer divider in steel

51290-03		324	21	190	0.4
51291-03		486	21	190	0.7
51292-03		648	21	190	0.9



Cargo net

12124-03		486	650	10	0.3
12125-03		648	650	10	0.3



Net divider / storage pocket

12121-03		324	15	150	0.1
12122-03		486	15	150	0.1
12123-03		648	15	150	0.2



Modul-Insert

12127-03		486	324	72	0.6



Finger guard / safety catch

12129-03		76	28	16	0.3



## For T-track



### Grab handle

The grab handle is mounted on the T-track and can be moved along the track to the desired position. By placing the handle near a side or rear door, it can be used to assist entry to and exit from the vehicle.

Grab handle

50015-03	221	34	121	0.4



### Load stop

The Modul-System load stop holds items such as tool boxes and tool cases upright between shelf end supports and wheel arches, preventing them from sliding sideways. The load stop is mounted directly on to the T-track and can be moved along the track into the required position.

Load stop

50250-03	120	138	218	0.4



### Modul-Lock

The Modul-lock is mounted on the T-track and can lock up to three drawers simultaneously or, alternatively, a locker door. The lock can be placed anywhere on the system and can also be used to lock Mobil-Box shelves. On forward facing drawer units, the lock also provides additional load restraint in the event of heavy braking.

Modul-Lock

50211-03 <sup>1</sup>	37	20	312	0.4
50212-03 <sup>2</sup>	37	25	312	0.4
50213-03 <sup>1</sup>	37	20	103	0.1
50214-03 <sup>2</sup>	37	25	103	0.1

<sup>1</sup> Cam lock version

<sup>2</sup> Padlock version (padlock not included)

## Water dispenser

The water dispenser comes complete with container and tap. The container can be mounted facing right or left. A separate hose can be used for directing water out from the van.



Water dispenser

50050-03 <sup>1</sup>		350	130	192	1.5
50051-03 <sup>2</sup>		350	198	245	2.8

<sup>1</sup> 5L version  
<sup>2</sup> 10L version



Hose for water dispenser

50055-03		1500	26	26	0.3

Water dispenser not included

## Hose holder

Robust hose holder, which can be mounted onto the T-track or against the wall. The twin brackets make it possible to stow multiple hoses in an efficient way. Available in two sizes.



Hose holder

11866		324	130	165	1.3
11867		486	170	195	2.0

## Storage holder for Mobil-Box

Versatile storage holder for a Mobil-Box. Can be mounted vertically for modules 324 mm deep, or horizontally for modules 486 mm deep.



Storage holder for Mobil-Box

50230-03		486	324	96	1.7

For use with 10562

## For end sections

### Bottle holder

Stand for one or two gas bottles, which can be mounted onto the T-track or against the wall.



Bottle holder

50861-03	324	50	50	1.0
50862-03	486	50	50	1.3

Strap length 2.2 m



Bottle holder with fixed lashing strap

50863-03	324	50	50	1.1

### Spray bottle and silicone tube holder

Holder for silicone tubes and spray bottles. The holder can be mounted onto the T-track, on a tool board or against the wall.



Silicone tube holder

50864-03	324	61	132	0.7

For bottles with a maximum diameter of 50 mm.



Spray bottle holder

50865-03	324	81	132	0.8

For bottles with a maximum diameter of 70 mm.



## Mesh basket and form holder

Mesh basket for litter or for storing documents. Capacity 15 litres. The single and double A4 format compartments are designed for storing files and /or documents. All products are easily mounted on tool boards. Material: powder-coated steel mesh.



Mesh basket

50013-03	161	290	291	0.8



Form holder, single

50008-03	105	250	195	0.3



Form holder, double

50009-03	120	241	478	0.9

## For lockers



Fixed shelf

59530-03	486	324	15	0.8
59531-03	486	486	15	1.2



Clothes rail

59544-03	486	-	-	0.1



Hook for clothes rail

59543-03	54	23	58	0.1

# For tool boards

## Tool holders

Tool holders are available in a number of variants and are easily mounted in the tool board perforations.



Tool holder set 915, 15 pcs

10848	-	-	-	0.9



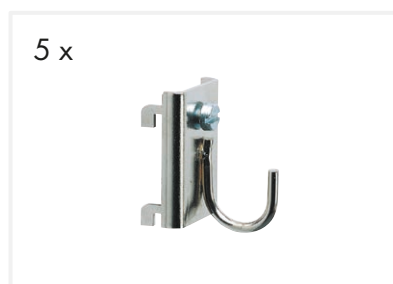
Tool holder set 930, 30 pcs

10849	-	-	-	2.0



Tool holder set 950, 50 pcs

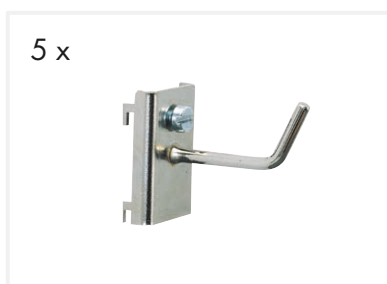
10850	-	-	-	3.5



Type 1

10801	32	20	20	0.2

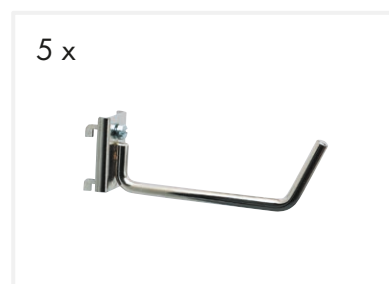
Pack of 5



Type 2

10803	32	35	20	0.3

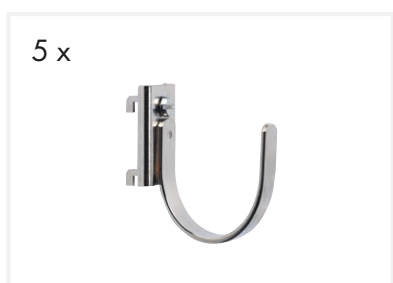
Pack of 5



Type 3

10806	32	100	40	0.5

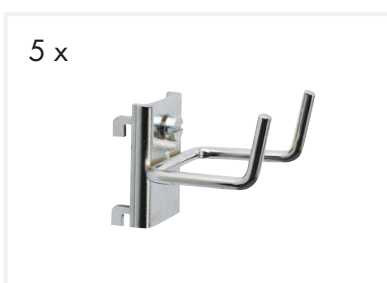
Pack of 5



Type 4

10809	32	60	40	0.4

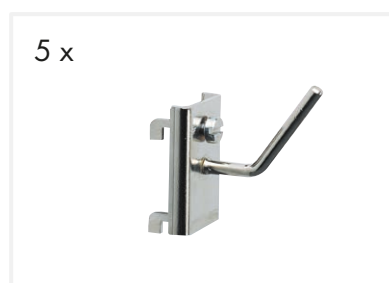
Pack of 5



Type 5

10813	50	50	30	0.4

Pack of 5



Type 6

10814	32	20	30	0.3

Pack of 5

5 x



Type 7

10816*	32	-	15	0.2
10817**	32	-	15	0.2
10818***	32	-	15	0.3
10819****	32	-	15	0.3

Pack of 5

\* Grip range 10-16 mm

\*\* Grip range 16-25 mm

\*\*\* Grip range 25-35 mm

\*\*\*\* Grip range 30-50 mm

Type 8 - Suitable for spray cans

10821	32	100	80	0.2

Int. diam 85 mm

5 x



Type 9 -  
Intended for lashing to tool boards

10822	45	10	5	0.3

Pack of 5

5 x



Type 10 - Base plate with M6 threaded hole for mounting customised holders

10823	32	-	54	0.2

Pack of 5

Type 11

10824	76	46	40	0.1

Hole width 10 mm

Type 15

10831	70	150	45	0.2

5 x



Type 16

10833	60	60	15	0.4
10834	85	85	15	0.5

Pack of 5

Type 20

10839	190	15	45	0.2

Type 22

10841	100	45	95	0.1



## For bench and floor

### Vice holders UL, UH and UHX

Our vice holders are available in several variants to suit all types of vehicles. The extendable holders UL and UH have pre-drilled mounting plates to fit most vices and swivel-base options. The vice holders are equipped with automatic safety catches that operate in both the open and closed positions. Choose a suitable holder height so that the vice is always in the correct working position.

Vehicles with a low loading height require a holder with a high mounting plate. Holders with a low mounting plate are intended for vehicles with a high loading height (also suitable for mounting on load platforms). Vice mounting plate size: width 180 mm x length 200 mm.



Vice holder UL, low

50020-032	180	850	95	12.8



Vice holder UH, high

50019-032	180	850	265	13.5



Vice holder UHX, extra high

50021-032	180	850	365	13.9



Fixed vice 100 mm

16-66001	330	160	165	13.2



Swivel vice 100 mm

10504	135	310	160	7.3



Swivel vice 125 mm






10505	160	370	160	11.0

### Folding vice platform

Folding vice platform in robust design with a wooden top. The ergonomic design with twin gas struts enables the platform to be folded down and locked in position, using only one hand. Available in two versions. Combine with one of Modul-System’s high-quality vices for best functionality.








Folding vice platform, racking mounted

				
10573-03	252	244	1021	13.8

Vice not included



Folding vice platform, floor mounted

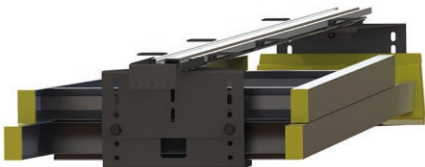
				
10570-03	241	168	1102	13.8

Vice not included






## For ceiling

### Internal ladder holder

Internal ladder holder for safe and efficient storage of a ladder in the vehicle's cargo area. The holder is equipped with a gas strut to facilitate loading. The design will keep the ladder secured while the vehicle is being driven.



Internal ladder holder

				
11800-03	250	2280	260	8.3

Ladder not included

## Additional accessories



Combination table KB2

98093-03	360	407	620	19.0



Net pocket

18100	400	-	200	0.2



Wheel set Ø 100 mm, four wheels

50029-03	120	137	130	4.6

Fittings included



Clothes hook

11855	-	-	-	0.01









# Load restraint

Securing your load is of the utmost importance, as this will prevent products from being propelled forward in the event of a collision. Modul-System's lashing products ensure that even the bulkiest loads are securely held in place, especially during tough driving conditions.



## Lashing eyelet / lashing hook

Lashing eyelets / hooks designed for quick attachment directly onto the T-track. No additional load anchoring rail is needed. Load capacity: max. 500 kg.



Lashing eyelet for T-track

50025-03	25	90	22	0.2

Load capacity: 500 kg



Lashing hook for T-track

50024-03	25	95	35	0.2

Load capacity: 500 kg



Lashing straps are available in a variety of lengths and load capacities.



Lashing strap 0.8 - 4.0 m

11710	25	-	800	0.1
11711	25	-	1200	0.1
11712	25	-	2000	0.1
11714	25	-	4000	0.1

Lashing strength 250 kg (LC 125 daN)



Lashing with J-hooks 2.0 m

11713	25	-	2000	0.2

Lashing strength 250 kg (LC 125 daN)



Lashing with ratchet 4.5 m

11715	25	-	4500	0.5

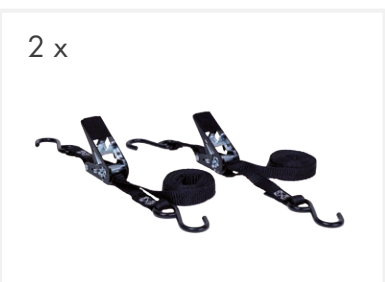
Lashing strength 1200 kg (LC 600 daN)



Lashing with ratchet and J-hooks 4.5 m

11716	25	-	4500	0.6

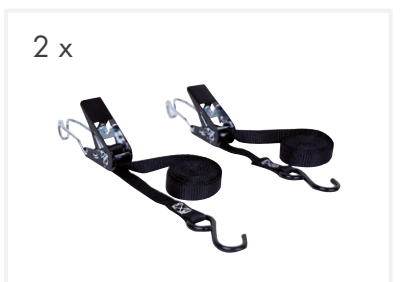
Lashing strength 1200 kg (LC 600 daN)



Lashing strap with small ratchet, S-hooks and narrow strap 2.0 m

11722	18	-	2000	0.4

Lashing strength 300 kg (LC 150 daN)  
Pack of 2



Lashing strap with small ratchet, S-hook + J-hook and narrow strap 2.0 m

11723	18	-	2000	0.4

Lashing strength 300 kg (LC 150 daN)  
Pack of 2



Cargo bar, aluminium

50028-03	-	-	-	1960	2.4



Lashing eyelet, fixed

11719	70	20	30	0.03	
11720	70	20	40	0.03	
11721	70	20	65	0.05	



Lashing eyelet

11718*	90	85	18	0.25	
11724**	45	43	8	0.04	

\* Load capacity 1000 kg

\*\* Load capacity 500 kg



Rubber strap

10912	270	8	28	0.04	
10909*	1000	8	28	0.2	

\* Sold by the metre.



Hook for rubber straps

10913	38	21	47	0.01	





# Modul-Connect & Power inverters

The electrical system is an important part of your service vehicle. Our experienced technical team will design a customised electrical system that meets your specific requirements.

By installing one of Modul-Systems high-quality power inverters, you are able to charge power tools and other equipment.

# Electrical systems

## Modul-Connect

Modul-Connect is a very robust, modular, digital wiring and control system for light commercial vehicles. The base system can easily be expanded to fit every requirement. Guaranteed for 2 years.

## Features



### Integrated battery guard

When the input voltage is low, the system will automatically cut the power to protect the start capacity of the vehicle.



### Electronically fused

The integrated fuses are there to prevent products, that are connected to the system, from failing in the event of a short circuit.



### Water resistant

Modul-Connect complies with IP67 and is resistant to water, moisture and dirt.



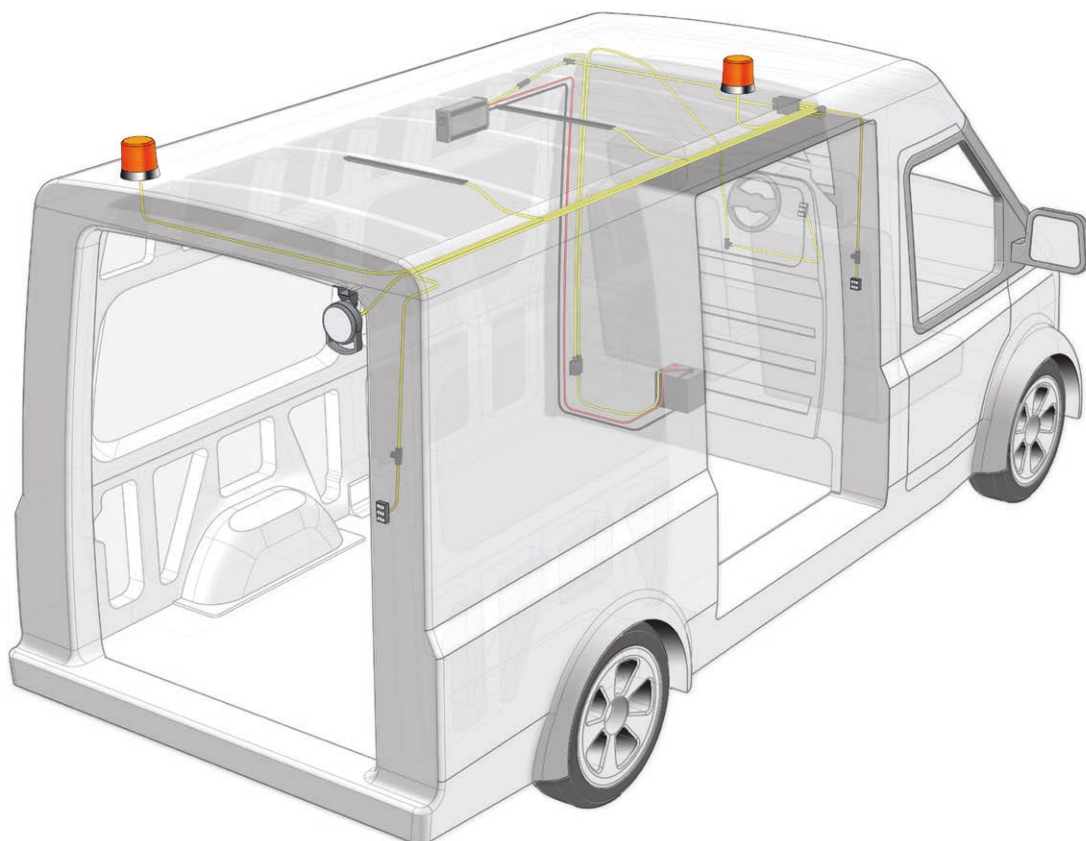
### Light-weight

Significantly lighter compared to regular wiring.



### Flexible

Modul-Connect can easily be modified at a later date if the electrical requirements change.



## Modul-Connect base kit

The base kit consists of the products required to wire two warning beacons / a light bar, work lights and interior lights in a vehicle. All products are controlled by switches.

The system, which can easily be expanded, is electronically fused and has an in-built battery guard.



Modul-Connect base kit

22000-03	420	155	95	2.4

## Cable assemblies and connectors

The plug & play cables are used for expanding the base system. The cables are connected using T-pieces and are available in several lengths.



T-piece connector

22029-03	60	15	42	0.02



Cable assembly

22040-03	500	20	25	0.08
22041-03	1000	20	25	0.10
22042-03	1500	20	25	0.16
22043-03	2000	20	25	0.20
22044-03	2500	20	25	0.24
22045-04	3000	20	25	0.28
22046-03	3500	20	25	0.32
22047-03	4000	20	25	0.38
22048-03	4500	20	25	0.42
22049-03	5000	20	25	0.46

## Remote control

The RF unit enables you to turn beacons, interior lights and work lights on and off using a remote control. The remote will work up to a distance of 50 metres.



RF unit  
beacon / interior light / work light

22031-03	90	100	20	0.16



## Converters

Electronically fused converters, without the need for programming, which are used for connecting additional products to the Modul-Connect system. By using the compatible switch, it is possible to manage the component from a convenient location in the vehicle.



Handbrake switch converter

22010-03	1300	20	25	0.06

Battery guard warning buzzer

22011-03	1370	40	40	0.12

Inverter converter

22012-03	770	20	25	0.06

Cab light converter

22013-03	560	20	25	0.06

Hand wash converter

22014-03	560	20	25	0.06

Auxiliary socket converter

22015-03	560	20	25	0.06

## Switch panels

Switch panels with LED lights are available in several configurations and with multiple panels. Plug & play installation and self-adhesive fixing makes them easy to install. For use together with the compatible converter. Please refer to our website for vehicle specific mounting brackets for the switch panels.



3-way switch  
Beacon/inverter/hand wash

22016-03	500	50	75	0.1



2-way switch  
Inverter / cab light

22019-03	500	50	50	0.08



1-way switch  
Cab light

22021-03	500	50	30	0.06

3-way switch  
Beacon/interior light/work light

22017-03	500	50	75	0.1

1-way switch  
Inverter

22020-03	500	50	30	0.06

1-way switch  
Hand wash

22022-03	500	50	30	0.06

3-way switch  
Inverter/cab light/hand wash

22018-03	500	50	75	0.1

1-way switch  
Interior light

22023-03	500	50	30	0.06

# Power inverters

## Power inverters

Modul-System's true sinewave inverters will convert DC battery power to AC power. They are CE marked, E-marked and tested for electromagnetic compatibility (EMC).

The interters will operate on DC voltages of 10.5-15.5Vdc and feature low battery alarm and shutdown to prevent total battery discharge. In addition, the inverters have overload and over-temperature shutdown to ensure that they will not become overheated or subjected to power demand beyond their rated capacity.

All inverters have a display panel for battery status and load measurement, EU output socket / sockets and a USB port for charging USB devices. In addition, they are compatible with the Modul-Connect system.

For all inverters we offer a 2 year warranty.

Visit our website for a technical specification.



Power inverter 1000W

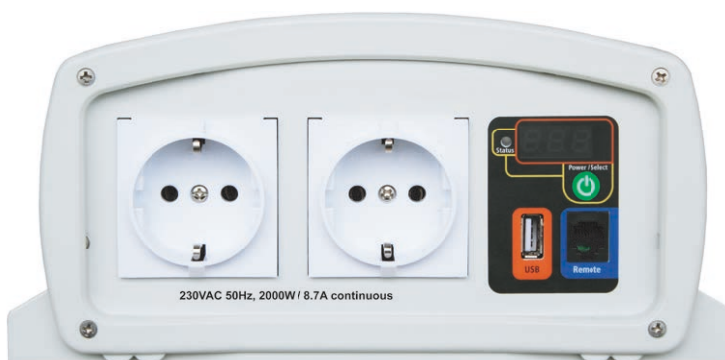
21100-03	320	175	87	2.7

Power inverter 2000W

21200-03	414	230	110	5.2

Power inverter 3000W

21300-03	539	230	115	7.0



All Modul-System inverters have a display panel for battery status and load measurement, EU output socket / sockets and a USB port for charging USB devices.





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modul-system.se





# Lighting

Both efficiency and safety can be improved with good lighting conditions. Our high-quality LED lights are specially designed for the vehicle's cargo space and have received all relevant accreditations, including the CE mark.

In addition to interior lights, we offer a wide range of beacons, light bars, work lights, etc. All Modul-System lights are suitable for use together with our electrical system Modul-Connect.

All of our lights have a 2 year warranty.

## Interior lights

### Ambient / workbench lights

LED lights in robust design that are easily mounted on the vehicle ceiling or over a workbench. Thanks to the integrated constant current circuit, the LED brightness will not fluctuate with an increase / decrease in the battery voltage.



Ambient light

19701-03	334	38	13	0.1	
19702-03	658	38	13	0.3	

### Drawer / shelf lights

The patented LED lights can be mounted either on a drawer unit or in a shelf. Thanks to the integrated constant current circuit, the LED brightness will not fluctuate with an increase / decrease in the battery voltage.



Drawer / shelf light

19710-03	320	17	17	0.1	
19711-03	482	17	17	0.1	
19712-03	644	17	17	0.2	
19713-03	968	17	17	0.2	

Divider for shelf with light

19735-03	3.5	216	54	0.1	
19736-03	3.5	324	54	0.1	
19737-03	3.5	486	54	0.2	





# Roof racks

Our roof racks from Thule Professional were developed by the world leader in roof rack and cargo carrier systems. Every part of the system, including all components and materials, is thoroughly tested to be ready for the toughest assignment. The result is a flexible, secure and time-saving system for your specific requirements and future needs.

Read more about roof racks for your particular vehicle at [www.tevo.eu.com](http://www.tevo.eu.com) or contact our Sales Department.

Also refer to our separate Thule Professional catalogue.



# Flooring and lining

Flooring, linings and partitions are all important parts of your service vehicle. Not only because they give your vehicle a more professional look, but also because they make it a safer installation. Linings create a bright and pleasant working environment and all of the materials used are easy to wipe clean. The flooring has an anti-slip surface and can be ordered cut to size for all current vehicle models.

## SAPI

We also offer SAPI (Safety Approved Profile Installation). This is a patented installation method, making it possible to install racking systems without drilling holes in the vehicle floor. This helps by avoiding corrosion and any depreciation of the vehicle's value. The racking system is mounted on to a plywood floor (minimum thickness of 12 mm) by using fixing plates and T-nuts. The fixing plates are placed under the plywood floor where they spread the load, which prevents the wood from splitting.

*For more information about flooring and linings, please contact our Sales Department.*





# Container solutions

Our container solutions combine our racking systems with various types of containers to suit your specific requirements. In addition to Modul-System racking systems, our complete turnkey solutions are supplied with electricity, ventilation, insulation and decals. The containers are ideal for industries such as construction and installation, oil and gas, shipping and energy.

The potential combinations are virtually infinite and are put together in consultation with the dealer. Containers are available in sizes ranging from 8 to 40 feet and can be either purchased or rented pre-installed with Modul-System's racking system.

*For more information, please visit our website [www.tevo.eu.com](http://www.tevo.eu.com).*





# A safe choice

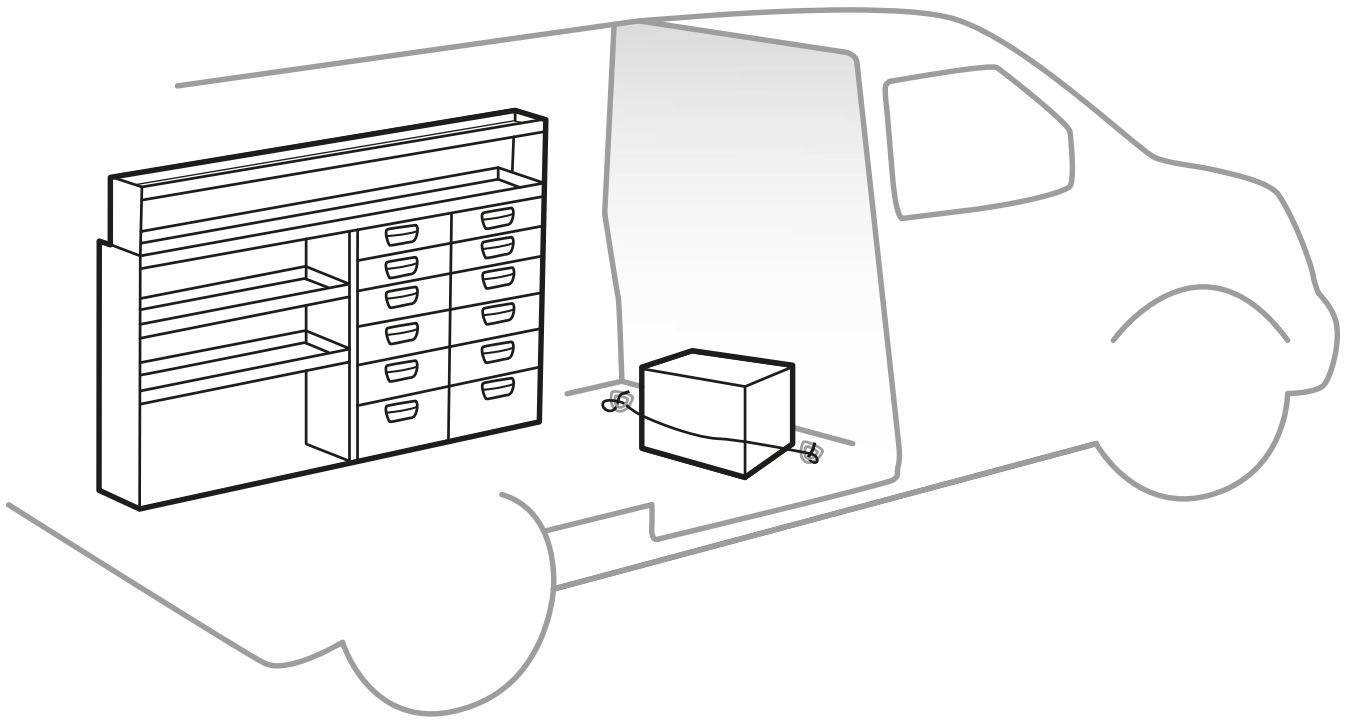
Our racking solutions are produced in our own factory in Sweden. The products are made using some of the most advanced production technologies in Europe and the manufacturing processes meet ISO 9001 certification and also comply with the European TÜV standard.

Safety and quality are of paramount importance to Tevo. We invest a lot of time and energy into the development of innovative, new products and then carry out stringent tests to make sure that the end product is of the highest quality possible. This includes laboratory, load capacity and vibration tests - simulating real use (3D) along with durability tests to replicate the complete product life cycle, ensuring that the products are designed to cope with the harsh environment that the vehicle and conversion can sometimes be subjected to.

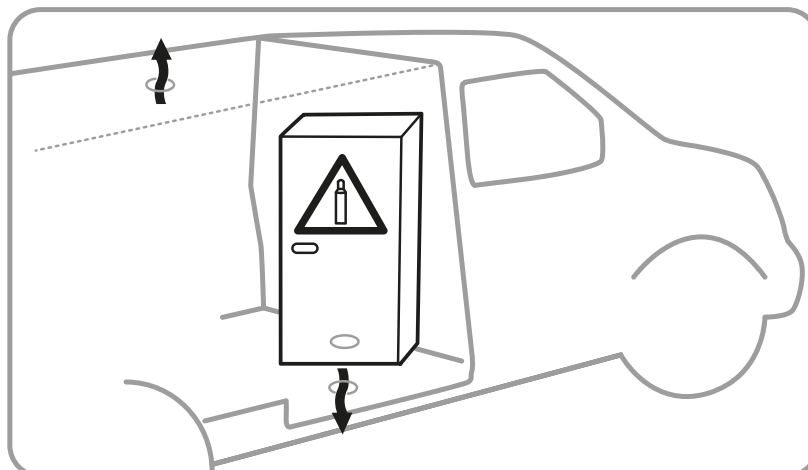
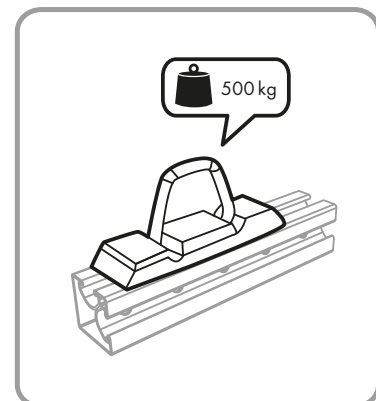
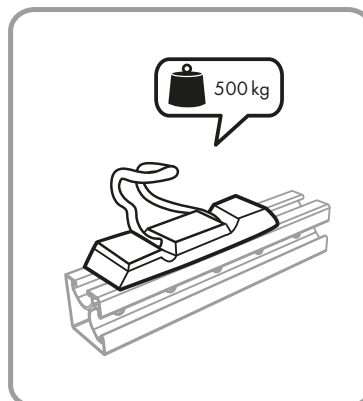
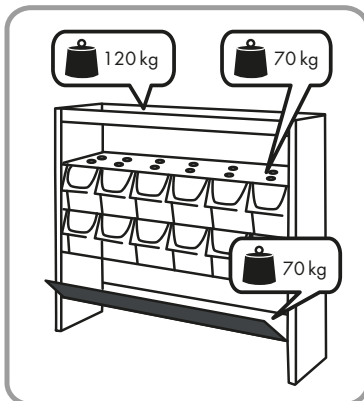
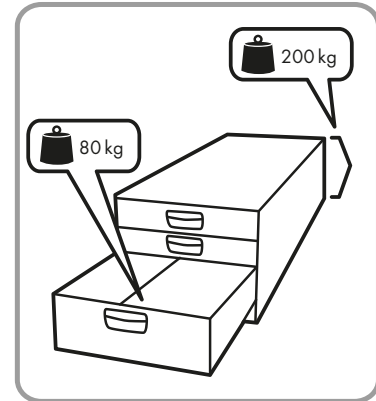
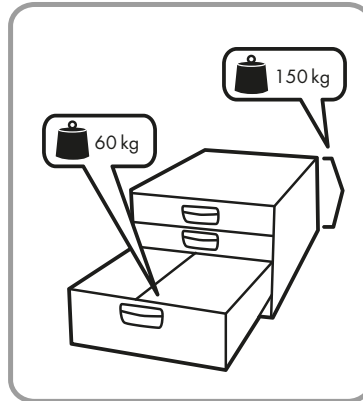
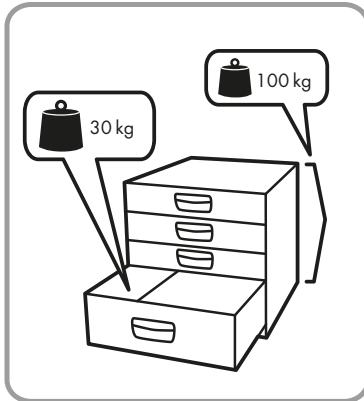
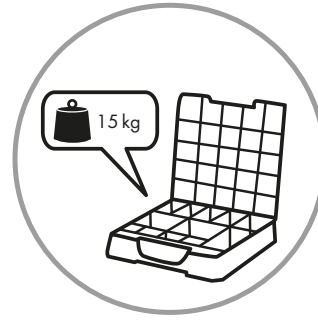
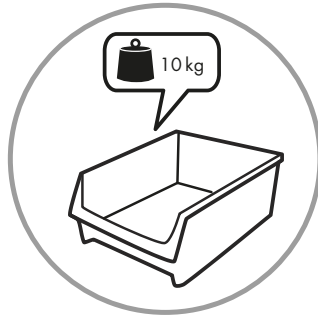
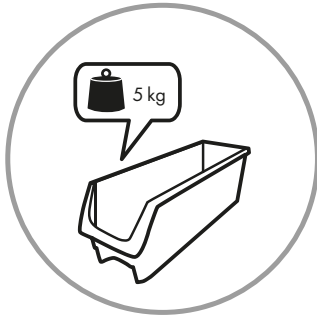
Comprehensive crash testing is carried out at specialist research facilities as part of Tevo's commitment to safety. The tests are known as ECE R17-07 with a 20g pulse for 30ms. This test is identical in all major respects to the DIN 75410-2 test, which is the equivalent to a crash at a speed of approximately 30 MPH.



# Safety first!



- 1** Use partitions for your personal safety.
- 2** Stow tools, etc., in the racking system.
- 3** Secure occasional heavy loads using the vehicle's existing cargo lashing eyelets. When the vehicle is in motion, all sharp objects must be facing away from the direction of travel and heavy objects must be carried as low as possible in the racking system.
- 4** Make sure that the vehicle's maximum load is not exceeded.





# Fitting components

## **Module mounting kit (QuickFit)**

Set of six fittings for fast and easy attachment in T-tracks on front and back of modules. The kit also includes four soft caps to cover the fittings on the front.

## **Universal mounting bracket**

The universal mounting bracket is used for securing drawer units, shelves, lockers, etc., to the vehicle wall. Designed to suit most installations. Supplied individually.

## **Shock absorbing mounting bracket**

Patented universal shock absorbing mounting bracket for securing products that are subject to particularly strong forces, to the vehicle wall. Supplied individually.

## **Angle bracket and floor angle**

The angle bracket and floor angle are used for securing modules to the floor. The angle bracket is placed in the vertical T-track, while the floor angle is placed in the horizontal T-track, allowing easy and flexible installation. Supplied individually.

## **Safety screws**

Safety screws (Torx) make installation of the racking system more secure. The circumference of the screw head is bigger than normal in order to spread the load over a larger area so that the joint can cope with a heavier load in the event of a collision.

## **Screw kits**

Set of selected screws to cover most installation requirements. Content is tailored to the size of the racking system. Please contact our Sales Department for advice on selecting a suitable screw kit.

## **Coupling profile**

Used when joining two profiles together vertically i.e. shelf end supports to extension legs or frames. The coupling profile is designed to fit inside the T-track profile and is bolted in place.

## **T-track attachment**

Steel fittings (excluding plastic cover).

## **T-track nuts**

Can be used with M6 screws to attach modules and accessories to the T-track throughout the system.

## **Cover for T-track attachment**

Hard plastic cover (excluding T-track attachment).

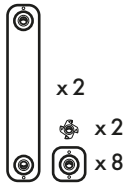
## **Nuts for square perforations**

Used for mounting accessories on tool boards, for example.

## SAPI kit

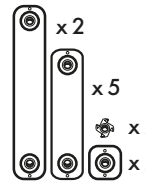
The SAPI kits are designed to fit different sizes of vehicles. If you are unable to find a kit that suits your specific application, you can choose additional brackets from the selection shown below.

**SAPI Kit Micro**



13600-03	-	-	-	kg
				1.3

**SAPI Kit Small**



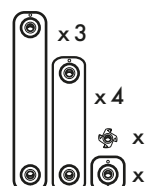
13601-03	-	-	-	kg
				2.9

**SAPI Kit Medium**

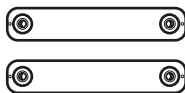


13602-03	-	-	-	kg
				2.2

**SAPI Kit Large**



13603-03	-	-	-	kg
				3.0



SAPI 486 mm, 2 pcs

13604-03	70	486	10	1.0



SAPI 324 mm, 2 pcs

13605-03	70	324	10	0.7



SAPI 60 mm, 2 pcs

13606-03	60	60	10	0.2

## Fitting components

The safety screws and locking nuts are used when fitting our modules. The self-tapping FDS screws are appropriate when installing the racking in the vehicle. The reinforcement clips are used when the tool board / cover panel is subject to extra high loads, alternatively when it is being mounted in the direction of travel.



Safety screws 10.9 M6 (bulk)

36681-03*	12	-	-	0.8
36682-03*	16	-	-	0.9
36683-03*	25	-	-	1.1
36685-03**	35	-	-	1.3
36686-03*	40	-	-	1.4
36687-03*	45	-	-	1.7
36697-03*	57	-	-	1.7
36698-03*	65	-	-	1.9

\* Pack of 100  
\*\* Pack of 200



Safety screws 10.9 M8 (bulk)

36689-03	16	-	-	1.5
36690-03	25	-	-	1.7
36692-03	35	-	-	2.0
36693-03	40	-	-	2.1
36694-03	45	-	-	2.3
36696-03	60	-	-	2.7

Pack of 100



Locking nuts M6 (bulk)

36688-03	-	-	-	4.0

Pack of 1000

Locking nuts M8 (bulk)

36695-03	-	-	-	4.0

Pack of 500



FDS screw M6 x 20

09882-03	-	-	-	5.7

Pack of 100

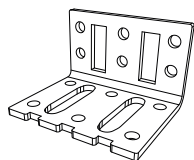


Reinforcement clip for tool board / cover panel

09880-03	33	22	5	0.2

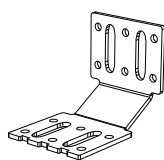
Pack of 6

Contact our Sales Department if you need installation advice.



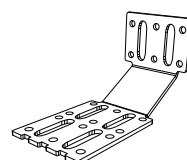
Universal mounting bracket, UV-1

09810-03	50	38	62	0.1



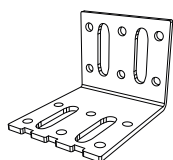
Universal mounting bracket, UV-2

09820-03	88	70	62	0.1



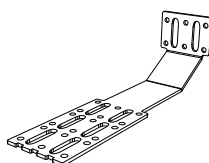
Universal mounting bracket, UV-3

09830-03	130	75	62	0.2



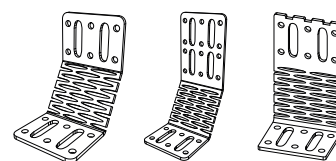
Universal mounting bracket, UV-4

09840-03	75	56	62	0.1



Universal mounting bracket, UV-5

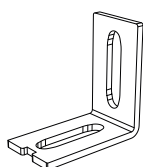
09850-03	250	75	62	0.2



09815-03 09825-03 09805-03

Shock-absorbing mounting bracket

09815-03	77	96	62	0.1
09825-03	77	137	62	0.2
09805-03	51	111	62	0.2



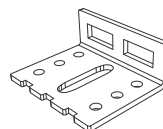
Support bracket

09855-03	50	51	27	0.1



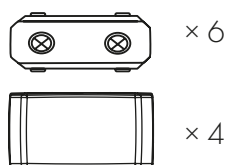
Angle bracket for floor mounting

09835-03	50	105	46	0.1



Floor angle

09845-03	51	25	62	0.1



Module fixing kit (QuickFit)

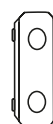
11494-03	-	-	-	0.2



QuickFit cover T-track attachment (bulk)

09876-03	52	13	27	0.6

Pack of 200



QuickFit T-track attachment (bulk)

09875-03	47	20	24	6.8

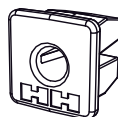
Pack of 200



T-track nuts (bulk)

09877-03	14	7	8	2.0

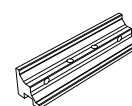
Pack of 500



Nuts for square perforations (bulk)

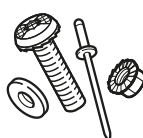
09878-03	12	10	12	0.4

Pack of 500



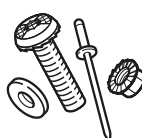
Coupling profile

09879-03	112	24	24	0.1



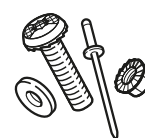
Screw kit Micro

11491-03	-	-	-	1.6



Screw kit Small

11492-03	-	-	-	2.2



Screw kit Large

11493-03	-	-	-	3.9







# MODUL-SYSTEM

is represented in the following countries:

- Australia
- Austria
- Belarus
- Belgium
- Brazil
- Canada
- China
- Colombia
- Cyprus
- Czech Republic
- Denmark
- Estonia
- Finland
- France
- Germany
- Greece
- Hungary
- India
- Italy
- Japan
- Latvia
- Lithuania
- Luxemburg
- Malaysia
- Mexico
- The Netherlands
- Norway
- Poland
- Russia
- Singapore
- Slovakia
- Slovenia
- Spain
- Sweden
- Switzerland
- South Africa
- South Korea
- Ukraine
- United Arab Emirates
- United Kingdom
- USA

*For more information, visit our website: [www.modul-system.com](http://www.modul-system.com)*





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