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Safety

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 specific requirements.

A comprehensive range to suit all vehicles

For many years, we have worked closely with the major manufacturers of service vehicles. This has given us valuable insight, enabling us to offer you the most appropriate solution, whatever vehicle 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 Modul-System, 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_2 emissions and fuel costs even further. In addition, our environmental management system is certified under ISO 14001.

We live in a dynamic world and it can be difficult to know whether the decisions we make today will still be right in 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

As a customer of Modul-System, you can feel confident that you have made a wise choice. We have more than 45 years of experience in the industry, and have been working with our safety program for many years. Today, we use some of the most highly reputed safety centers 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 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, delivery and customer service. This enables us to offer a 36-month warranty on all of the products that we manufacture ourselves. In addition, we can also provide the fastest and most reliable deliveries in the industry.

Modul-System Service Centers

For many years, we have had an established and broad network of Service Centers across Europe.

Each Service Center is an authorized retailer with the expertise required to meet your specific needs, as their personnel have a full understanding of our products, and how to install them into your vehicle. They can also supply you with wall and floor linings, electronics and accessories such as lighting, cargo restraints, and roof racks.

All you need to do is answer the following questions:

- 1) What is your profession?
- 2) What is your racking requirement?
- 3) When do you want to be up and running?

To find your nearest Modul-System Service Center, visit our website at www.modul-system.com.

Key Account

We specialize in offering our customers turnkey business packages. International one-stop-shop solutions both centrally and locally include a dedicated key account manager who will coordinate deliveries to, and installations at, sites in many countries and locations.

Our exceptional service will add value to your organization by reducing lead times from the moment the vehicle is received until it is up and running. For more information, contact our Key Account department at info@modul-system.com.











36
month warranty













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 particular useful when mounting products to face 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 optimized to maximize their load capacity while complying with demands for low fuel consumption and environmental impact.

To help optimize the weight, cover panels and tool boards on the modules are optional.



- Shelf end support with tool board
- 2 Drawer unit
- 3 Wheel arch frame
- 4 Drop down door
- 5 Shelf

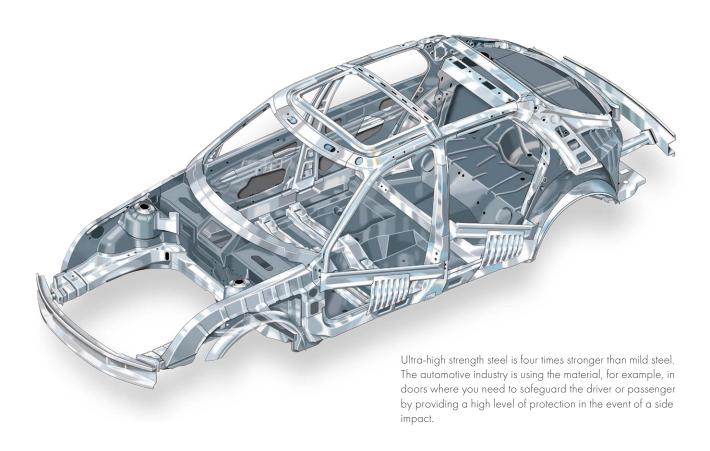
- 6 Floor angle/support bar
- 7 Storage and clothing locker
- 8 Shelf with foldable front
- 9 Extension frame
- M-B drawer unit frame

- Extension plate
- Modul-Box
- 13 Mobil-Box
- (14) Compact Series shelf

The lightweight journey continues

Modul-System 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 can be reduced and the weight even further, with no comprimize on rubustness or safety. Our aim is to always have the right material in the right place to optimize 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 CO₂ emissions.





*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. 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 and day thanks to the increased load capacity, this means, at an hourly rate of \in 75, a potential increase in net sales of \in 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 liters/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 liter, 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 liters/100 km. It is also assumed that fuel consumption is reduced by 0.18 liter/100 km per 100 kg weight reduction. Source: www.worldautosteel.org/projects/determination-of-weight-elasticity/



Care about the environment?

Number of vehicles in the fleet: 400

Potential reduction in CO₂ 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 CO2 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, CO₂ emissions would be reduced by up to 87 tonnes over a three-year period*.

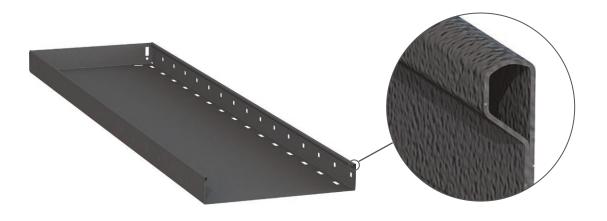
^{*}In the example, it is assumed that the vehicle fully laden consumes 9.4 liters/100 km. It is also assumed that 1 liter of fuel corresponds to CO₂ emissions of 26.2 kg. Source: www.fleetnews.co.uk/costs/carbon-footprint-calculator/

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.

Modul-System'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 patentpending design allows for a weight reduction of up to 40% 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

	Aluminum	Mild steel	High strength steel	Ultra-high strength steel
Density	2.7 kg/dm³	7.8 kg/dm³	7.8 kg/dm³	7.8 kg/dm³
Strength	70-150 MPa	200 MPa	350-500 MPa	700 - 1100 MPa
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	4-6
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 aluminum.





Drawer units

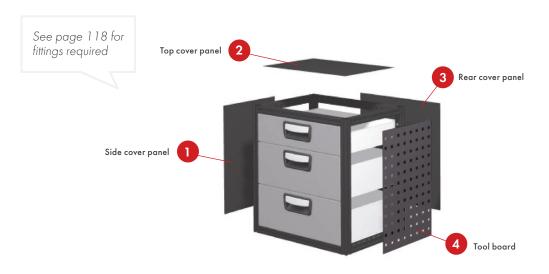
The drawer units are modular in width, depth and height, and can easily be combined with other products in the range. The drawer unit frame's integrated T-tracks can be used for securing cargo, attaching accessories, and for versatile surface mounting. Cover panels and tool boards are sold separately.

Drawers are available in 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, meaning that the lower drawers can be opened even when there is cargo on the floor of the vehicle.



Square drawer unit



Drawer unit width: 324 mm, height: 270 mm with one drawer 216 mm

34001-03 324 486 270 6.5 59167-03 59163-03 59196-03 59184-03

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



				kg	1	2	3	4
33200-03	324	324	270	6.6	59160-03	59161-03	59196-03	59178-03
34200-03	324	486	270	8.5	59167-03	59163-03	59196-03	59184-03



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

				kg	1	2	3	4
33120-03	324	324	486	9.7	59163-03	59161-03	59190-03	59180-03
34120-03	324	486	486	12.4	59170-03	59163-03	59190-03	59186-03



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

				kg	1	2	3	4
33400-03	324	324	486	11.0	59163-03	59161-03	59190-03	59180-03
34400-03	324	486	486	14.3	59170-03	59163-03	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

				kg	1	2	3	4
33411-03	324	324	864	16.7	59165-03	59161-03	59191-03	59182-03
34411-03	324	486	864	21.4	59172-03	59163-03	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

				kg	1	2	3	4
33231-03	324	324	972	17.6	59166-03	59161-03	59192-03	59183-03
34231-03	324	486	972	22.4	59173-03	59163-03	59192-03	59189-03

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

				kg	1	2	3	4
43200-03	486	324	270	7.4	59160-03	59163-03	59197-03	59178-03
44200-03	486	486	270	10.2	59167-03	59170-03	59197-03	59184-03



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

				kg	1	2	3	4
43300-03	486	324	378	10.1	59162-03	59163-03	59198-03	59179-03
44300-03	486	486	378	13.7	59169-03	59170-03	59198-03	59185-03



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





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

				kg	1	2	3	4
43400-03	486	324	486	13.1	59163-03	59163-03	59193-03	59180-03
44400-03	486	486	486	17.2	59170-03	59170-03	59193-03	59186-03

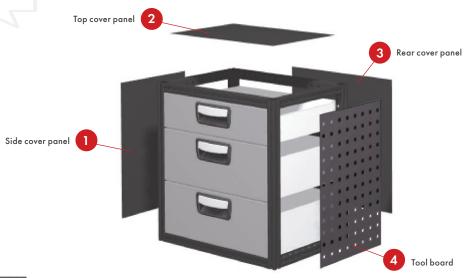


Drawer unit width: 486 mm, height: 864 mm with four drawers 108 mm, one drawer 162 mm and one drawer 216 mm

				kg	1	2	3	4
43411-03	486	324	864	19.8	59165-03	59163-03	59194-03	59182-03
44411-03	486	486	864	25.9	59172-03	59170-03	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

				kg	1	2	3	4
43231-03	486	324	972	21.0	59166-03	59163-03	59195-03	59183-03
44231-03	486	486	972	27.3	59173-03	59170-03	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

				kg	1	2	3	4
43221-03	486	324	864	18.2	59165-03	59163-03	59194-03	59182-03
44221-03	486	486	864	23.5	59172-03	59170-03	59194-03	59188-03

Height of stand 54 mm.

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



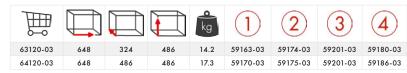
				kg	1	2	3	4
63200-03	648	324	270	9.7	59160-03	59174-03	59199-03	59178-03
64200-03	648	486	270	11.9	59167-03	59175-03	59199-03	59184-03

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



				kg	1	2	3	4
63300-03	648	324	378	12.8	59162-03	59174-03	59200-03	59179-03
64300-03	648	486	378	15.9	59169-03	59175-03	59200-03	59185-03

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





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

				kg	1	2	3	4
63400-03	648	324	486	16.0	59163-03	59174-03	59201-03	59180-03
64400-03	648	486	486	19.9	59170-03	59175-03	59201-03	59186-03



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

				kg	1	2	3	4
93001-03	972	324	270	10.0	59160-03	59166-03	59202-03	59178-03
94001-03	972	486	270	11.7	59167-03	59173-03	59202-03	59184-03



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

				kg	1	2	3	4
93200-03	972	324	270	12.3	59160-03	59166-03	59202-03	59178-03
94200-03	972	486	270	14.9	59167-03	59173-03	59202-03	59184-03



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





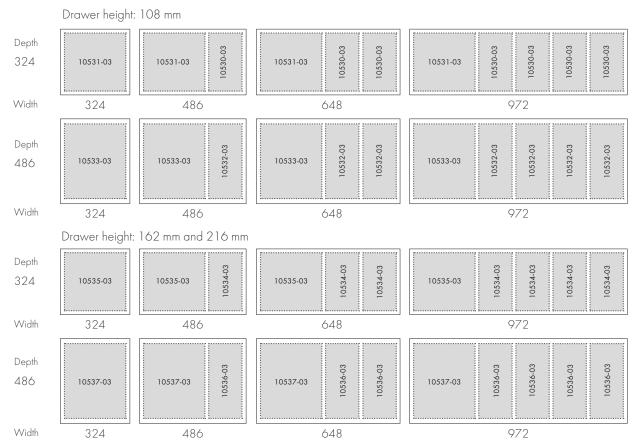
Drawer unit width: 972 mm, height: 486 mm with four drawers 108 mm

				kg	1	2	3	4
93400-03	972	324	486	21.6	59163-03	59166-03	59204-03	59180-03
94400-03	972	486	486	24.8	59170-03	59173-03	59204-03	59186-03



Accessories:

Ordering guide for drawer inserts





Insert for 108 mm high drawer

				kg
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 162/216 mm high drawer

				kg
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



Plastic foam liner for drawer

				kg
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

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



Modul-Insert

				kg
12127-03	486	324	72	0.6



Wheel set, four wheels \varnothing 100 mm

				kg
50029-03	120	137	130	4.6



File stand for drawer unit

				kg
50011-03	486	324	183	3.1



Modul-Lock

				kg
50211-031	37	20	312	0.4
50212-03 ²	37	25	312	0.4
50213-03 ¹	37	20	103	0.1
50214-03 ²	37	25	103	0.1

Cam lock version
 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 wagons.

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





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



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





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





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

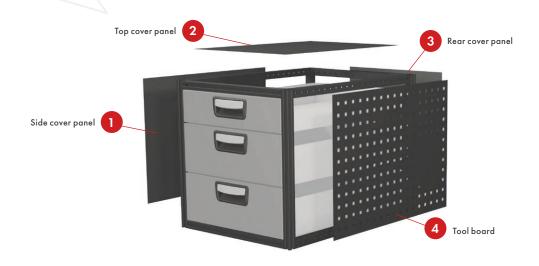




Drawer unit width: 972 mm, height: 270 mm with two drawers 108 mm



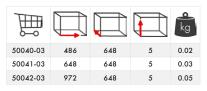
For shelves, see page 55. For work benches, see page 70.



Accessories:



Plastic foam liner for drawer





Rubber mat for drawer

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



Divider for drawer

				kg
50233-03	3.5	648	65	0.3



Modul-Insert

				kg
12127-03	486	324	72	0.6

Accessories:





Drawer height: 108 mm

Depth 648 10533-03 87-2652 Width 486

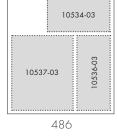
	10532-03			
10533-03	10532-03			
648				

10530-03 10530-0300-03 10530-0

Drawer height: 162 mm and 216 mm

Depth 648

Width



10536-03						
	10537-03		10536-03		10536-03	
648						

10534-03	10	0534-03	105	34-03
10533-07	10536-03	10536-03	10536-03	10536-03
	S	77		





Insert for 108 mm high drawer

				kg
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 162/216 mm high drawer

				kg
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 heavy, bulky loads and 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 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:

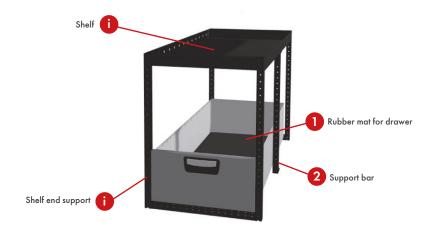
	Width:		
Height:	324 mm	486 mm	Depth:
108 mm	\checkmark		810 mm - 1296 mm
100 111111		\checkmark	810 mm - 1458 mm
216 mm	\checkmark		810 mm - 1458 mm
210 111111		\checkmark	810 mm - 972 mm
324 mm		✓	810 mm - 972 mm

NOTE

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

Racking suggestion for van:





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



Drawer width: 324 mm, height: 108 mm

			-		
				kg	1
12000-03	324	810	108	5.9	12054-03
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

				kg	1
12010-03	486	810	108	6.9	12059-03
12011-03	486	972	108	7.8	12060-03
12013-03	486	1296	108	9.8	12062-03
12014-03	486	1458	108	10.9	12063-03



Drawer width: 324 mm, height: 216 mm

			0		
				kg	1
12005-03	324	810	216	7.4	12054-03
12006-03	324	972	216	8.5	12055-03
12008-03	324	1296	216	10.7	12057-03
12009-03	324	1458	216	11.7	12058-03



Drawer width: 486 mm, height: 216 mm

				kg	1
12016-03	486	810	216	8.7	12059-03
12017-03	486	972	216	9.8	12060-03



All installation and mounting parts are supplied with the drawer.



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: 486 mm, height: 324 mm

				kg	1
12022-03	486	810	324	9.2	12059-03
12023-03	486	972	324	10.3	12060-03

Under false floors

With extra long drawer units, you can utilize 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:

	Width:			
Height:	324 mm	486 mm	648 mm	Depth:
270 mm		✓	✓	810 mm - 1458 mm
378 mm			\checkmark	972 mm - 1296 mm
37 0 mm		V		972 mm - 1458 mm
486 mm	✓	✓		972 mm - 1296 mm

Racking suggestions for pick-up and 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.

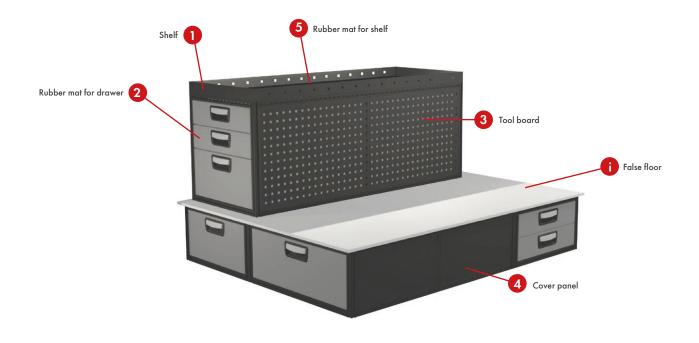
For placement on the floor or above false floors, drawer units are available in the following heights, widths and depths:

	Width:			
Height:	324 mm	486 mm	648 mm	Depth:
270 mm		✓	✓	810 mm - 1458 mm
378 mm		√	√	972 mm - 1296 mm 972 mm - 1458 mm
486 mm	√	✓		972 mm - 1296 mm

Racking suggestions for pick-up and van:







Drawer unit width: 324 mm, height: 486 mm with two drawers 108 mm and one drawer 216 mm



				kg	1	2	3	4	5
12103-03	324	972	486	29.5	55330-03	12055-03	12276-03	-	15330-03
12104-03	324	1134	486	33.2	55335-03	12056-03	12277-03	-	15335-03
12105-03	324	1296	486	37.6	55340-03	12057-03	12278-03	-	15340-03

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



				kg	1	2	3	4	<u>(5)</u>
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 $\,$



				kg	1	2	3	4	(5)
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 324 mm

				kg	1	2	3	4	5
12142-03	486	810	378	15.3	55425-03	12059-03	12270-03	-	15425-03
12143-03	486	972	378	17.8	55430-03	12060-03	12271-03	-	15430-03
12144-03	486	1134	378	19.7	55435-03	12061-03	12272-03	-	15435-03
12145-03	486	1296	378	21.5	55440-03	12062-03	12273-03	-	15440-03



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

				kg	1	2	3	4	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

				kg	1	2	3	4	5
12109-03	486	972	486	33.6	55430-03	12060-03	12276-03	-	15430-03
12110-03	486	1134	486	37.6	55435-03	12061-03	12277-03	-	15435-03
12111-03	486	1296	486	42.5	55440-03	12062-03	12278-03	-	15440-03



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

				kg	1	2	3	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

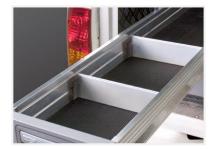


Drawer unit width: 648 mm, height: 378 mm with one drawer 324 mm

TITT				٩					
				kg	(1)	(2)	(3)	(4)	(5)
12161-03	648	972	378	20.0	12045-03	12066-03	12271-03	-	12072-03
12162-03	648	1134	378	22.0	12046-03	12067-03	12272-03	-	12073-03
12163-03	648	1296	378	23.9	12047-03	12068-03	12273-03	-	12074-03



Accessories:



Drawer divider in aluminum

				kg
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

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



Cargo net

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



Net divider/storage pocket

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



Modul-Insert

				kg
12127-03	486	324	72	0.6



Finger guard/safety stop

				kg
12129-03	76	28	16	0.3

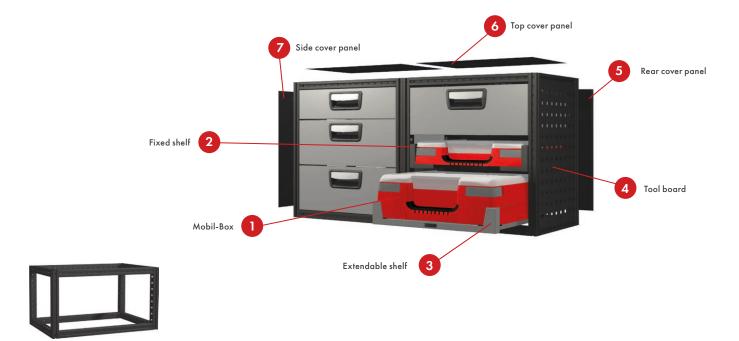




Drawer unit frames

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: 270 mm

				kg	1	2	3	4	5	6	7
59400-03	486	324	270	3.6	10562/10566	59773-03	59759-03	59178-03	59197-03	59163-03	59160-03
51220-03	486	486	270	4.1	10562/10566	59773-03+59783-03	59774-03	59184-03	59197-03	59170-03	59167-03



Drawer unit frame

Width: 486 mm, height: 378 mm

		•									
				kg	1	2	3	4	5	6	7
59401-03	486	324	378	4.0	10562/10566/10563	59773-03	59759-03	59179-03	59198-03	59163-03	59162-03
51221-03	486	486	378	4.4	10562/10566/10563	59773-03+59783-03	59774-03	59185-03	59198-03	59170-03	59169-03



Drawer unit frame

Width: 486 mm, height: 486 mm

				kg	1	2	3	4	5	6	7
59402-03	486	324	486	4.4	10562/10566/10563	59773-03	59759-03	59180-03	59193-03	59163-03	59163-03
51222-03	486	486	486	4.9	10562/10566/10563	59773-03+59783-03	59774-03	59186-03	59193-03	59170-03	59170-03



Drawer unit frame

Width: 486 mm, height: 648 mm

				kg	1	2	3	4	5	6	7
51202-03	486	324	648	5.2	10562/10566/10563	59773-03	59759-03	57306-03	59207-03	59163-03	59155-03
51203-03	486	486	648	5.8	10562/10566/10563	59773-03+59783-03	59774-03	57406-03	59208-03	59170-03	59156-03



Drawer unit frame

Width: 486 mm, height: 864 mm

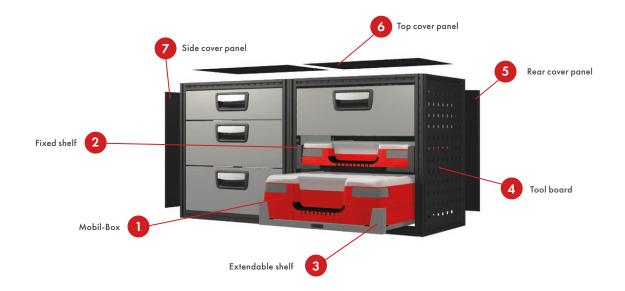
				kg	1	2	3	4	5	6	7
59404-03	486	324	864	5.7	10562/10566/10563	59773-03	59759-03	59182-03	59194-03	59163-03	59165-03
51223-03	486	486	864	6.3	10562/10566/10563	59773-03+59783-03	59774-03	59188-03	59194-03	59170-03	59172-03



Drawer unit frame

Width: 486 mm, height: 972 mm

	,	J									
				kg	1	2	3	4	5	6	7
59405-03	486	324	972	6.1	10562/10566/10563	59773-03	59759-03	59183-03	59195-03	59163-03	59166-03
51224-03	486	486	972	6.8	10562/10566/10563	59773-03+59783-03	59774-03	59189-03	59195-03	59170-03	59173-03





Drawer unit frame

Width: 648 mm, height: 270 mm

				kg	1	2	3	4	5	6	7
59420-03	648	324	270	4.2	10564/10567	59773-03	59761-03	59178-03	59199-03	59174-03	59160-03
51225-03	648	486	270	4.8	10564/10567	59773-03+59783-03	59775-03	59184-03	59199-03	59175-03	59167-03



Drawer unit frame

Width: 648 mm, height: 378 mm

				kg	1	2	3	4	5	6	7
59421-03	648	324	378	4.6	10564/10567/10565	59773-03	59761-03	59179-03	59200-03	59174-03	59162-03
51226-03	648	486	378	5.2	10564/10567/10565	59773-03+59783-03	59775-03	59185-03	59200-03	59175-03	59169-03



Drawer unit frame

Width: 648 mm, height: 486 mm

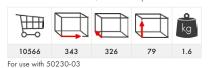
				kg	1	2	3	4	5	6	7
59422-03	648	324	486	5.0	10564/10567/10565	59773-03	59761-03	59180-03	59201-03	59174-03	59163-03
51227-03	648	486	486	5.6	10564/10567/10565	59773-03+59783-03	59775-03	59186-03	59201-03	59175-03	59170-03

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 rubberized corners and handle, and is resistant to most oils, acids, and chemicals. The Mobil-Box is supplied in two heights and widths, and can be placed in a drawer unit frame during transport for maximum safety.



Mobil-Box low, 12 compartments





Mobil-Box low, 15 compartments



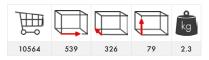


Mobil-Box, medium height

				kg
10563	343	326	132	1.9
Movable divid	ers			



Mobil-Box low, 18 compartments





Mobil-Box low, 24 compartments

				kg
10567	539	326	79	2.3



Mobil-Box, medium height

			-	
				kg
10565	539	326	132	2.6
Marrabla divis	Jara			



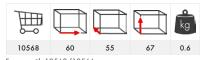
Double layers of inserts for low Mobil-Box

				kg
10571-03 ¹	343	326	79	0.6
10572-03²	539	326	79	1.1

 ¹ 50 inserts and steel plate divider. Mobil-Box is not included.
 ² 80 inserts and steel plate divider. Mobil-Box is not included.



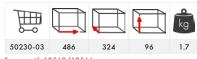
20 drawer inserts for low Mobil-Box



For use with 10562/10566



Storage holder for Mobil-Box



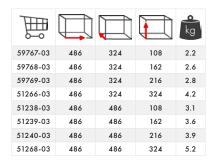
For use with 10562/10566

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



Drawer Width: 648 mm

				kg
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:

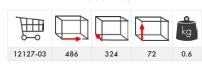


Divider for drawer





Modul-Insert





Plastic foam liner for drawer

				kg
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

				kg
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

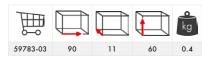


Fixed shelf Width: 486 mm and 648 mm

				kg	
59773-03	486/648	324	79	0.4	



Extensions for fixed shelf



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 center 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

				kg
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

				kg
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

				kg
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

				kg
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

				kg
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

	9
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

Depin. 0-	10 111111			
				kg
56615-03	27	648	918	3.0



Shelf end support with tool board Depth: 648 mm

				kg
56615-032	27	648	918	5.5

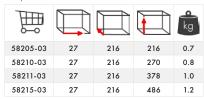
Extension frames

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





Extension frame with tool board Depth: 216 mm

				kg
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



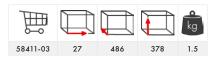


Extension frame with tool board Depth: 324 mm

				kg
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



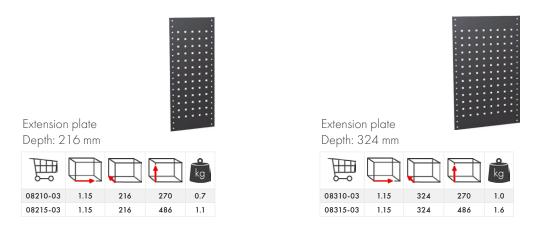


Extension frame with tool board Depth: 486 mm

'				
				kg
58411-032	27	486	378	2.3

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 screw joint.



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.



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 center 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.



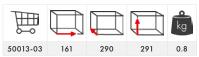
Floor angle/support bar					
			1		
00510 02	22.4	27			

				kg
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

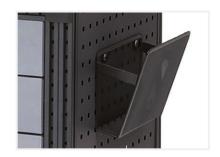
Accessories:



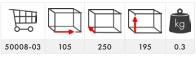
Mesh basket



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



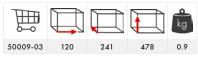
Form holder, single



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



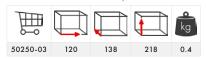
Form holder, double



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

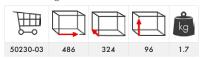


Load stop





Storage holder for Mobil-Box



For use with Mobil-Box 10562/10566



Grab handle

				kg
50014-03	221	34	121	0.4
50015-03*	221	34	121	0.4

^{*} Yellow grab handle



Lashing eyelet for T-track

	0 -	,		
				kg
50025-03	25	90	22	0.2

For lashings see page 100.



Gas bottle stand

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

Strap length 2.2 m



Hose holder

				kg
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

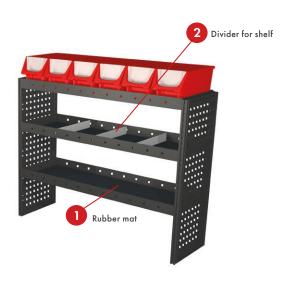
Adjustable shelves are available in lengths up to 3300 mm, and are generally used for storing long items. The shelves have a hinged end to facilitate loading and are available in depths of 216 mm and 324 mm. The corner shelf is useful for where the side of the vehicle meets a partition.

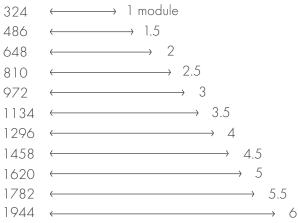
Load capacity

Our standard shelves and the corner shelf have a load capacity of 120 kg and adjustable shelves, shelves with foldable 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 2, 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.





Shelf Depth: 216 mm

				kg	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

				kg	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

				kg	1	2
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

				kg	1	2
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

				kg	1
05255-03	1930-3300	216	54	8.6	15260-03
05355-03	1930-3300	324	54	11.3	15360-03



Corner shelf

				kg	1
05361-03	515	324	54	1.9	15361-03

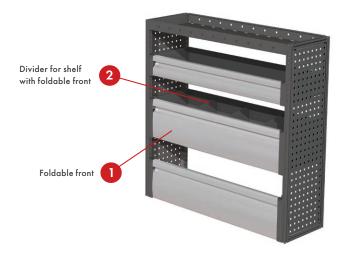


Cable shelf

				kg
52647-03 ¹	810	391	205	4.0
52649-03 ¹	972	395	193	4.9
52652-03 ¹	1134	395	193	5.5
52648-03 ²	20	391	145	0.5
1		1	1	

¹ Mounted on a 324 mm deep racking module. Fixing arm included. ² Separate fixing arm.





Shelves with foldable fronts

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

Shelf for foldable front Depth: 324 mm

52600-03 810 324 108 2.9 52620-03 50236-03 52601-03 972 324 108 4.2 52621-03 50236-03 52602-03 1134 324 108 4.8 52622-03 50236-03 52606-03 1296 324 108 5.4 52623-03 50236-03 52610-03 810 324 216 4.6 52630-03 50238-03 52611-03 972 324 216 5.3 52631-03 50238-03 52612-03 1134 324 216 6.0 52632-03 50238-03 52617-03 1296 324 216 7.2 52624-03 50238-03							
52601-03 972 324 108 4.2 52621-03 50236-03 52602-03 1134 324 108 4.8 52622-03 50236-03 52606-03 1296 324 108 5.4 52623-03 50236-03 52610-03 810 324 216 4.6 52630-03 50238-03 52611-03 972 324 216 5.3 52631-03 50238-03 52612-03 1134 324 216 6.0 52632-03 50238-03					kg	1	2
52602-03 1134 324 108 4.8 52622-03 50236-03 52606-03 1296 324 108 5.4 52623-03 50236-03 52610-03 810 324 216 4.6 52630-03 50238-03 52611-03 972 324 216 5.3 52631-03 50238-03 52612-03 1134 324 216 6.0 52632-03 50238-03	52600-03	810	324	108	2.9	52620-03	50236-03
52606-03 1296 324 108 5.4 52623-03 50236-03 52610-03 810 324 216 4.6 52630-03 50238-03 52611-03 972 324 216 5.3 52631-03 50238-03 52612-03 1134 324 216 6.0 52632-03 50238-03	52601-03	972	324	108	4.2	52621-03	50236-03
52610-03 810 324 216 4.6 52630-03 50238-03 52611-03 972 324 216 5.3 52631-03 50238-03 52612-03 1134 324 216 6.0 52632-03 50238-03	52602-03	1134	324	108	4.8	52622-03	50236-03
52611-03 972 324 216 5.3 52631-03 50238-03 52612-03 1134 324 216 6.0 52632-03 50238-03	52606-03	1296	324	108	5.4	52623-03	50236-03
52612-03 1134 324 216 6.0 52632-03 50238-03	52610-03	810	324	216	4.6	52630-03	50238-03
	52611-03	972	324	216	5.3	52631-03	50238-03
52617-03 1296 324 216 7.2 52624-03 50238-03	52612-03	1134	324	216	6.0	52632-03	50238-03
	52617-03	1296	324	216	7.2	52624-03	50238-03



Shelf for foldable front

Depth: 486 mm

1						
				• kg	1	2
52603-03	810	486	108	4.7	52620-03	50237-03
52604-03	972	486	108	5.4	52621-03	50237-03
52605-03	1134	486	108	6.3	52622-03	50237-03
52607-03	1296	486	108	6.7	52623-03	50237-03
52613-03	810	486	216	6.0	52630-03	50239-03
52614-03	972	486	216	6.9	52631-03	50239-03
52615-03	1134	486	216	7.7	52632-03	50239-03
52618-03	1296	486	216	8.5	52624-03	50239-03

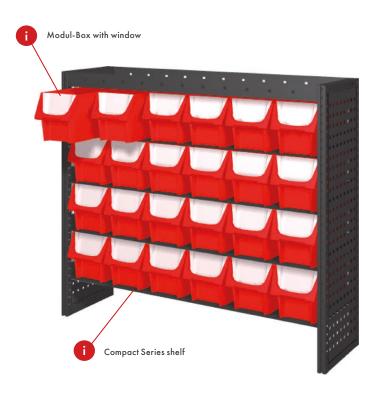


Foldable front in aluminum

				kg
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 your local dealer





Compact Series shelves

Compact Series is an innovative shelving system that provides an efficient utilization 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 1134 mm, and depths of 216 mm, 324 mm, and 486 mm. Modul-Boxes are sold separately.





				kg kg
52225-03	810	216	54	2.3
52230-03	972	216	54	2.8
52235-03	1134	216	54	3.2



Compact Series shelf Depth: 324 mm

				kg
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



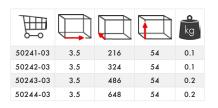
Compact Series shelf Depth: 486 mm

реріп. 4	00 111111			
				kg
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





Divider for shelf with a foldable front

				kg
50236-03	20	324	108	0.3
50237-03	20	486	108	0.4
50238-03	20	324	216	0.6
50239-03	20	324	216	0.9



File stand for shelf

				kg
50012-03	318	300	183	1.9



Shelf bracket

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



Shelf support

				kg
08602-03	27	127	810	1.4
08603-03	27	127	918	1.6
08604-03	27	127	1026	1.8

For rubber mats, see page 86.



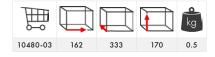


Modul-Box 162 x 216 mm





Modul-Box 162 x 324 mm





Modul-Box 162 x 486 mm





Modul-Box 324 x 324 mm





Divider for Modul-Box

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



Window for Modul-Box

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



Handle for Modul-Box

				kg
10490-03	324	20	160	0.1

For use with 10487-03



Plastic box

				kg
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

				kg
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 bottle lockers are modular in width, depth and height. 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.

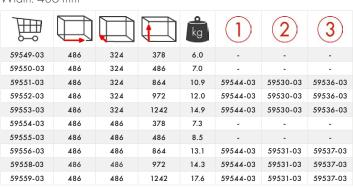


Vertical storage locker and gas bottle locker

Vertical lockers are supplied with cover panels and a door as standard. The locker door can be mounted to hang right or left. 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





Gas bottle locker Width: 486 mm

				kg	2
59685-03	486	324	486	9.4	59528-03
59557-03	486	486	864	17.3	59529-03



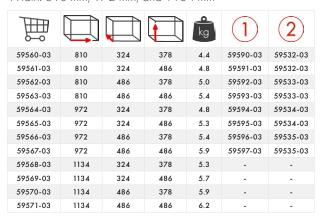
Wheel arch frame and horizontal locker

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 351/459 mm. Add cover panels to the frame (kit for horizontal locker), a drop-down door, or a 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





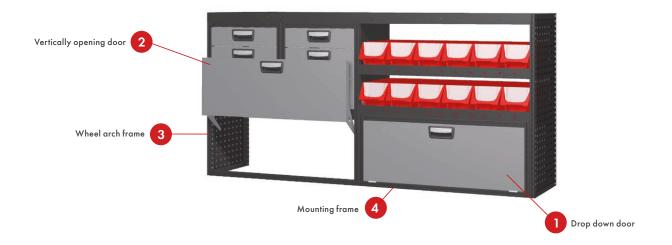
Bench top for wheel arch frame





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

				kg	1	2
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 two heights. Used for mounting doors between two shelf end supports.

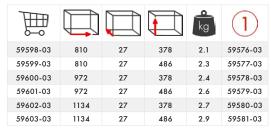
NOTE

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



Mounting frame

Width: 810 mm, 972 mm, and 1134 mm



Drop down doors for wheel arch frames, mounting frames and horizontal lockers

Drop down 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.

Drop down door

Width: 810 mm, 972 mm, and 1134 mm

				kg	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

Cannot be combined with bench top.

Vertically opening door

Width: 810 mm, 972 mm, and 1134 mm

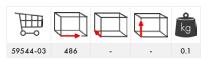




Accessories:

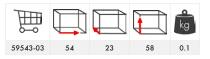


Clothes rail





Hook for clothes rail





Fixed shelf

				kg
59530-03	486	324	15	0.8
59531-03	486	486	15	1.2
59532-03	810	324	15	2.0
59533-03	810	486	15	3.0
59534-03	972	324	15	2.5
59535-03	972	486	15	3.5



Extendable shelf

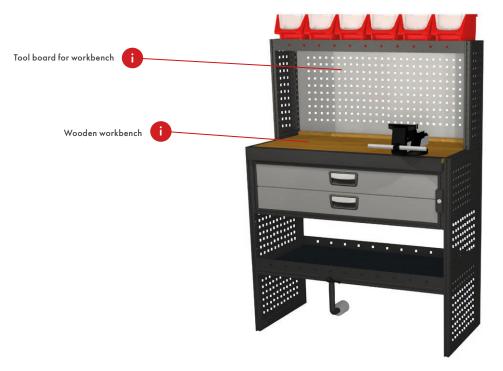
				kg
59536-03	486	324	72	2.7
59537-03	486	486	72	4.7





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.



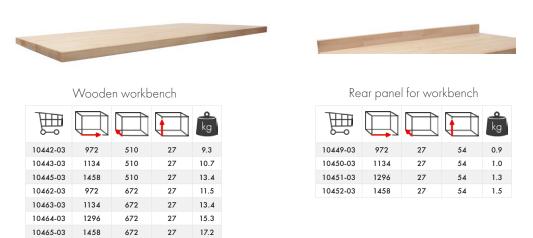
Heavy-duty workbench with steed-edged front

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.



Workbench

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

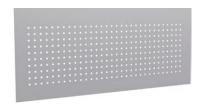


Tool boards and tool rails

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 aluminum and have 9 mm square perforations with hole center spacing of 34 mm.

Tool board for workbench

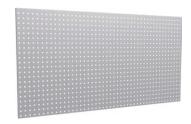
				kg
50685-03	972	1.5	500	2.1
50686-03	1134	1.5	500	2.5
50687-03	1458	1.5	500	3.1



Tool board with frame

				kg
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
50640-03*	2000	1.5	1000	8.5

^{*} Without frame



Tool rail (narrow tool board)

				kg
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 is made up of a steel frame with runners and fittings, etc.

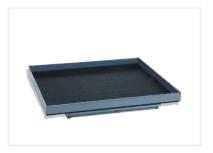
Loading platforms

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 your nearest retailer for more information.

Extendable loading frame

				kg
11875-01	500	950	72	18.1
11878-01	300	1500	72	21.3
11879-01	800	950	72	22.8
11880-01	800	1500	72	30.5
11881-01	800	1700	72	32.7
12202	300	1300	72	19.6
12203	500	1300	72	22.8
12204	800	1300	72	28.2
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 trolleys

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.

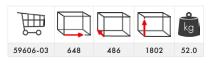
The tool trolley is fitted with high-quality industrial wheels, which means that it can be moved around easily on all surfaces. As the trolley is made using components from our standard product range, parts are interchangeable between the trolley and the racking system in your vehicle. The trolley can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





For tool holders, see page 92.

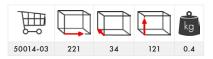
Tool trolley incl. wheel set and storage holder on the back



Accessories:



Grab handle





Foldable shelf





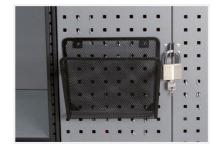
Hose holder

				kg kg
11866	324	130	165	1.3
11867	486	170	195	2.0



Mesh basket





Form holder, single

Æ					kg
5000	8-03	105	250	195	0.3



Form holder, double

				kg
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.

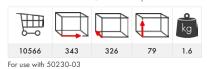
For drawer units and shelves

Mobil-Box

The Mobil-Box is a very practical storage case with an attractive design and smart, modular inserts. It is light-weight, versatile, and highly impact-resistant, with rubberized 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, 12 compartments





Mobil-Box low, 15 compartments



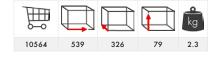


Mobil-Box, medium height

				kg
10563	343	326	132	1.9

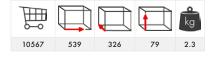


Mobil-Box low, 18 compartments





Mobil-Box low, 24 compartments





Mobil-Box medium height

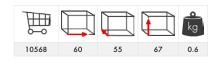
				kg
10565	539	326	132	2.6

Accessories for Mobil-Box

The inserts allow you to divide Mobil-Boxes into sections to permit better organization 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





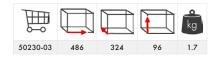
Double layers of inserts for low Mobil-Box

				kg
10571-03 ¹	343	326	79	0.6
10572-03 ²	539	326	79	1.1

1 50 inserts and steel plate divider. Mobil-Box is not included. 2 80 inserts and steel plate divider. Mobil-Box is not included.



Storage holder for Mobil-Box



Modul-Box

Modul-Boxes are designed for shelves with depths of 216 mm, 324 mm, and 486 mm. They are made from impact-resistant materials and can tolerate 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

Modul-Box $162 \times 324 \text{ mm}$ 10480-03

Modul-Box 162 x 486 mm









Modul-Box 324 x 324 mm

				kg
10487-03	324	333	170	0.9

Divider for Modul-Box

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

Window for Modul-Box

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







Handle for Modul-Box

Plastic box

				kg
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

				kg
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 two heights, 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

				kg
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

				kg
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



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

				kg
12127-03	486	324	72	0.6

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

Plastic foam inserts

Sound- and impact-absorbent foam plastic liner for drawers storing fragile tools, spare parts, etc. Available for drawers with depths of 324 mm, 486 mm and 648 mm. Thickness 5 mm. Supplied individually.



Plastic foam liner for drawer

				kg
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: aluminum. Supplied individually, two fittings included.



Divider for drawer

				kg	
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 drawer unit and shelf

Stand with compartments for A4 ring binders. Part 5001 1-03 is intended for placement directly on the drawer unit and part 50012-03 is intended for placement in shelves.



File stand for drawer unit 324 mm deep

				kg
50011-0	3 486	324	183	3.1



File stand for shelf 324 mm deep

				kg
50012-03	318	300	183	1.9

Dividers for standard shelves

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: aluminum. Supplied individually, two fittings included.



Divider for standard shelf

				kg
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

Dividers for shelves with a foldable front

With this divider you can easily divide shelves with foldable fronts into smaller compartments. The dividers are mounted using rivets. Material: steel.



Divider for shelf with a foldable front

				• kg
50236-03	20	324	108	0.3
50237-03	20	486	108	0.4
50238-03	20	324	216	0.6
50239-03	20	486	216	0.9



Rubber mat

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

				kg
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

				kg
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

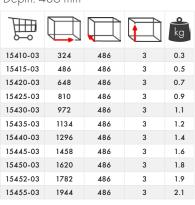
Rubber mat for adjustable shelf

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

Rubber mat for corner shelf

				kg
15361-03	515	324	3	0.9

Rubber mat for shelf Depth: 486 mm



Rubber mat for shelf Depth: 648 mm

				kg
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

		,			
Æ					kg
1033	1-03	10000	216	3	4.7
1033	2-03	10000	324	3	7.2
1033	3-03	10000	486	3	10.8

For extra-long drawers



Drawer divider in aluminum

				kg
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

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



Cargo net

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



Net divider/storage pocket

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



Modul-Insert

				kg
12127-03	486	324	72	0.6



Finger guard/safety stop

				kg
12129-03	76	28	16	0.3

For T-track



				kg
50014-03	221	34	121	0.4
50015-03*	221	34	121	0.4
* Yellow handle				

Grab handle

Load stop

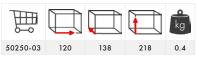
Grab handle

The Modul-System load stop holds upright and in place items such as toolboxes and tool cases 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.

The 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.



Load stop





Modul-Lock

				kg
50211-031	37	20	312	0.4
50212-03 ²	37	25	312	0.4
50213-031	37	20	103	0.1
50214-03 ²	37	25	103	0.1

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

Modul-Lock

The 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.

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.



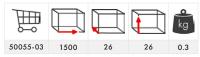
Water dispenser

				kg
50050-03 ¹	350	130	192	1.5
50051-03 ²	350	198	245	2.8

¹ 5L version ² 10L version



Hose for water dispenser



Water dispenser not included

Hose holder

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



Hose holder

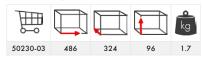
				kg
11866	324	130	165	1.3
11867	486	170	195	2.0

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



For use with 10562/10566

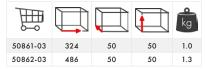
For end sections

Bottle holder

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



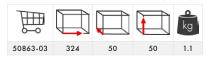
Bottle holder



Strap length 2.2 m



Bottle holder with fixed lashing strap

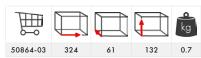


Spray bottle and silicone tube holder

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



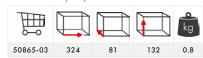
Silicone tube holder



For bottles with a maximum diameter of 50 mm.



Spray bottle holder



For bottles with a maximum diameter of 70 mm.

Mesh basket and form holder

Mesh basket for litter or for storing documents. Capacity 15 liters. 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

Form holder, single 50008-03 250

Form holder, double 50009-03 120

For lockers





Fixed shelf						
				kg		
59530-03	486	324	15	0.8		
59531-03	486	486	15	1.2		
59532-03	810	324	15	2.0		
59533-03	810	486	15	3.0		
59534-03	972	324	15	2.5		
59535-03	972	486	15	3.5		







Clothes rail				
				kg
59544-03	486	-	-	0.1



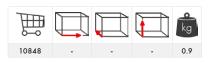
For tool boards

Tool holders

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

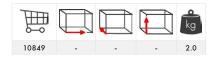








Tool holder set 930, 30 pcs



5 x



Tool holder set 950, 50 pcs

				kg
10850	-	-	-	3.5



Type 1

				kg
10800	32	10	15	0.2
10801	32	20	20	0.2
Pack of 5				



				kg
10802	32	20	20	0.2
10803	32	35	20	0.3
10804	32	50	25	0.3
Pack of 5				

Type 2

				kg
10802	32	20	20	0.2
10803	32	35	20	0.3
10804	32	50	25	0.3

Туре 3

5 x

				kg
10805	32	60	40	0.4
10806	32	100	40	0.5
10807	32	140	40	0.8

Pack of 5

5 x

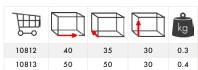


Type 4

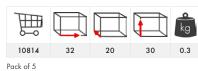
				kg
10808	32	40	30	0.4
10809	32	60	40	0.4
10810	32	80	50	0.7
Pack of 5				



Type 5







Type 6



Type 7

				kg
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

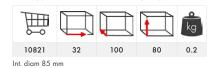
 ** Grip range 16-25 mm

 *** Grip range 25-35 mm

 *** Grip range 30-50 mm

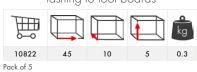


Type 8 - Suitable for spray cans



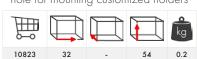


Type 9 - Intended for lashing to tool boards





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



Pack of 5



Type 11 10824 46 40 0.1 Hole width 10 mm



Type 15 10831 0.2 70 150



Type 16

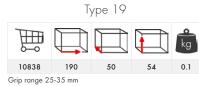
				kg
10832	35	40	15	0.3
10833	60	60	15	0.4
10834	85	85	15	0.5

Pack of 5



Type 18 10837 0.1 190 54 40 Grip range 16-25 mm

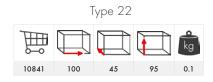




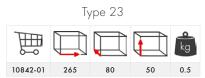


Type 20

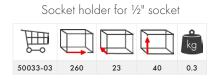












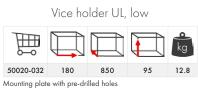
For bench and floor

Vice holders UL, UH and UHX

Our vice holders are available in several variants to suit all types of vehicles. The extendable holders UL, UH, and UHX 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.

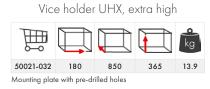






















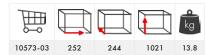


Folding vice platform

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.



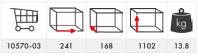
Folding vice platform, racking mounted



Vice not included



Folding vice platform, floor mounted



Vice not included

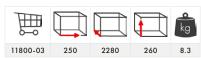
For ceiling

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



Ladder not included

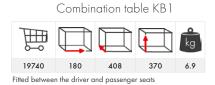
Additional accessories

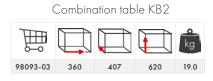




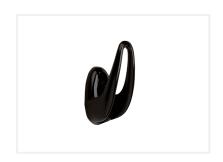


Mobile office 19714 510 3.6 370 275 Placed on passenger seat, held in place with seat belt



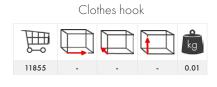


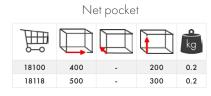




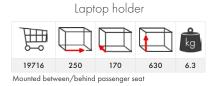


Wheel set \varnothing 100 mm, four wheels				
				kg
50029-03	120	137	130	4.6
Mounting mat	erial included	Н		















Load restraint

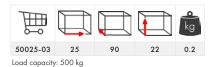
Securing your load is of the utmost importance, as this will prevent products from being propelled forward in the event of a collision. Modul-System's lashing products ensure that even the bulkiest loads are securely held in place, especially during tough driving conditions.

Lashing eyelet / lashing hook

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

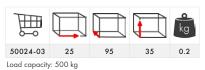


Lashing eyelet for T-track





Lashing hook for T-Track





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



Lashing strap 0.8 - 4.0 m

				kg
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



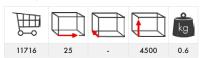


Lashing with ratchet 4.5 m

				kg
11715	25	-	4500	0.5
Lashing streng	th 1200 kg (LC 600 daN)	



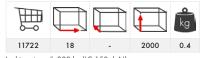
Lashing with ratchet and J-hooks $4.5\ \mathrm{m}$



Lashing strength 1200 kg (LC 600 daN)



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



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



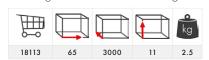
Lashing strap with small ratchet, S-hook + J-hook and narrow strap 2.0 m

			kg
11723	18	2000	0.4

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



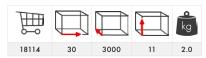
Cargo restraint track with flange



May be cut to size



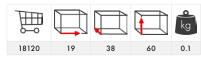
Cargo restraint track, surface-mounted



May be cut to size



Lashing eyelet



Load capacity 300 kg



Cargo bar, aluminum

				kg
50027-03*	-	-	1515-2050	3.3
50028-03	-	-	1960	2.4

* Adjustable



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

Lashing eyelet, fixed



Hook for rubber straps

				kg
10913	38	21	47	0.01



11718*

11724**

* Load capacity 1000 kg ** Load capacity 500 kg

45



Rubber strap

				kg
10912	270	8	28	0.04
10909*	1000	8	28	0.2

* Sold by the metre.

0.25

0.04



Modul-Connect & Power inverters

The electrical system is an important part of your service vehicle. Our experienced technical team will design a customized 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. Warranted 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 will prevent products connected to the system to break in the event of a short circuit.



Water resistant

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



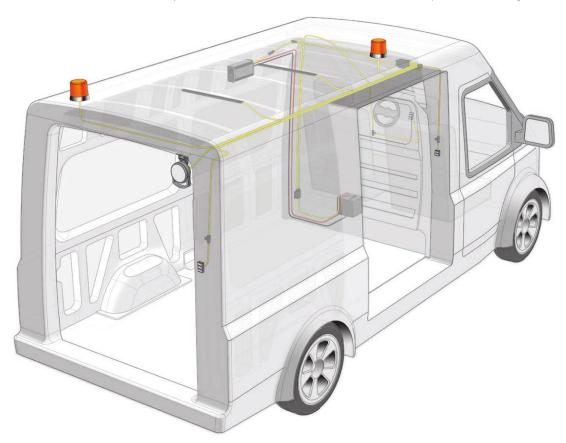
Light-weight

Significantly lower weight compared to regular wiring.



Flexible

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



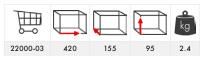
Modul-Connect base kit

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

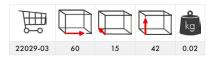


Cable assemblies and connectors

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





Cable assembly

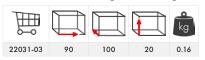
				kg
22040-03	500	20	25	0.08
22041-03	1000	20	25	0.10
22042-03	1500	20	25	0.16
22043-03	2000	20	25	0.20
22044-03	2500	20	25	0.24
22045-04	3000	20	25	0.28
22046-03	3500	20	25	0.32
22047-03	4000	20	25	0.38
22048-03	4500	20	25	0.42
22049-03	5000	20	25	0.46



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

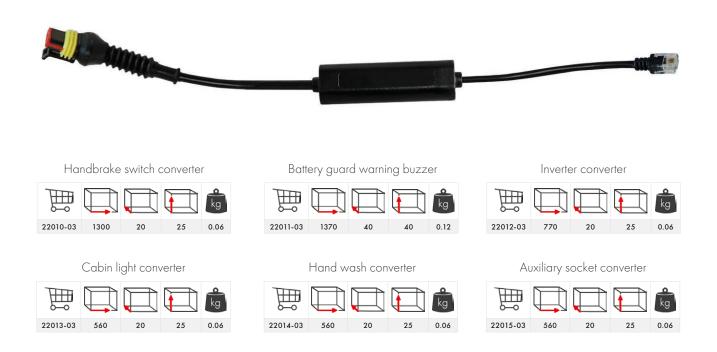


RF unit beacon / interior light / work light



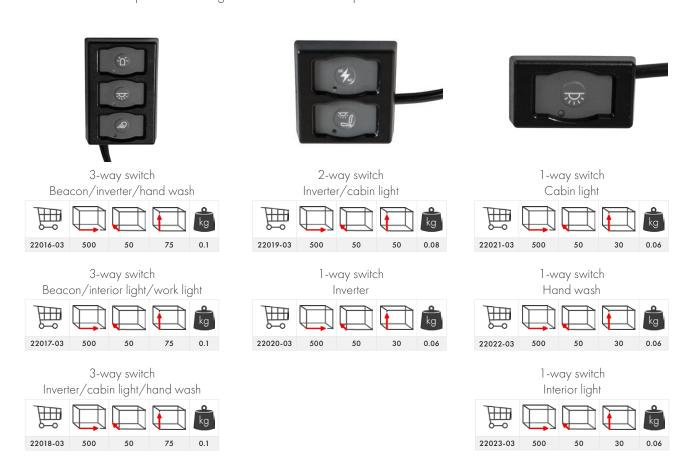
Converters

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.



Switch panels

Switch panels with LED light 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.



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).

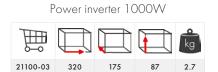
The interters will operate on DC voltages of 10.5-15.5Vdc and feature low battery alarm and shutdown to prevent total battery discharge. In addition, the inverters have overload and over-temperature shutdown to ensure that they will not become overheated or subjected to power demand beyond their rated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



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 our lights are warranted for 2 years.

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

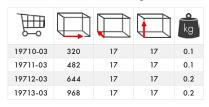
				kg
19701-03	334	38	13	0.1
19702-03	658	38	13	0.3

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





Divider for shelf with light

				kg
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.modul-system.com or contact one of our dealers.

Also refer to our separate Thule Professional catalog.









Flooring and lining

Flooring, wall and ceiling 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. Wall and ceiling 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-measure for all vehicle models.

SAPI

We also offer SAPI (Safety Approved Profile Installation). This is a patented installation method that makes it possible to install racking systems without drilling holes in the vehicle floor. In this way, corrosion and any accompanying decrease in the value of the van can be avoided. Using fixing plates and T-nuts, the racking system is mounted onto a plywood floor with a minimum thickness of 12 mm. The fixing plates are mounted under the plywood floor, where they spread the load and prevent the plywood from splitting.

For more information about flooring and lining, contact your local dealer.



Container solutions

Modul-Sytem's 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.modul-system.com or contact one of our dealers.



A safe choice

Our racking solutions are produced in our own factory in Sweden. The products are produced 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.

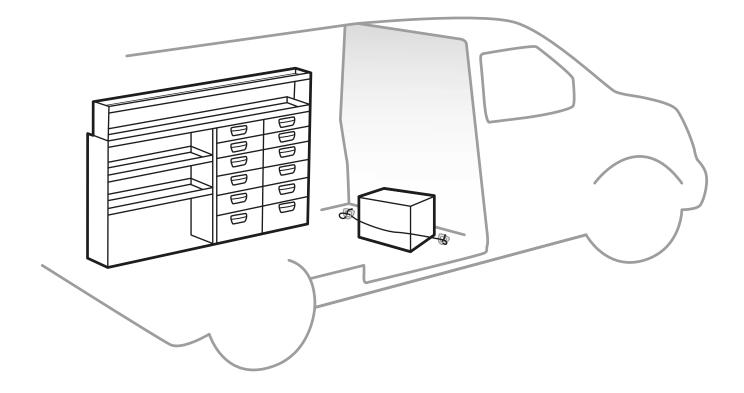
Safety and quality are of paramount importance to Modul-System. We invest a lot of time and energy into the development of innovative, new products and then carry out stringent tests to make sure that the end product is of the highest quality possible. This includes laboratory, load capacity and vibration 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 Modul-System'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 50 km/h.



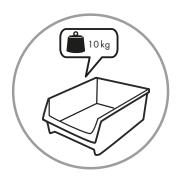


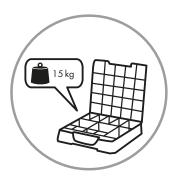
Safety first!

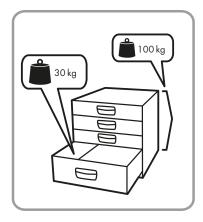


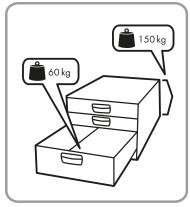
- 1 Use partitions for your personal safety.
- 2 Stow tools, etc., in the racking system.
- 3 Secure occasional heavy loads using the vehicle's existing cargo lashing eyelets. When the vehicle is in motion, all sharp objects must be facing away from the direction of travel, and heavy objects must be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

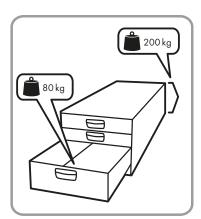


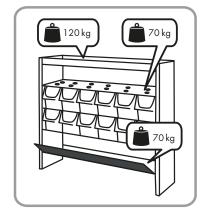




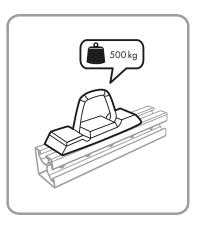


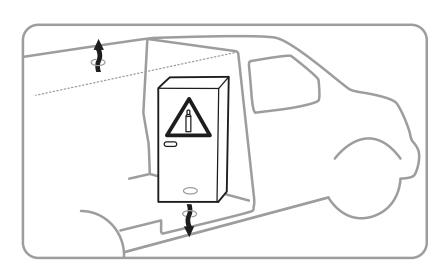












Fitting components

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.

Shock-absorbing mounting bracket

Patented universal mounting bracket for securing products subject to particularly strong forces to the vehicle wall. Its special design makes this bracket shock-absorbing.

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 a vertical T-track, while the floor angle is placed in the horizontal T-track, allowing easy and flexible installation.

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 join can cope with a higher 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 consult customer service for advice on selecting a suitable screw kit.

Coupling profile

Connector used for vertical installation. Placed in the profile and joins shelf end supports to extension legs, or shelf end supports to extension frames.

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

SAPI (Safety Approved Profile Installation) is a patented installation method that makes it possible to install racking systems without drilling holes in the vehicle floor structure. In this way, corrosion and any accompanying decrease in the value of your van can be avoided. Using fixing plates and T-nuts, the racking system is mounted on plywood flooring (12 mm). The fixing plates are mounted under the plywood flooring, functioning as load spreaders and preventing the plywood from splitting.

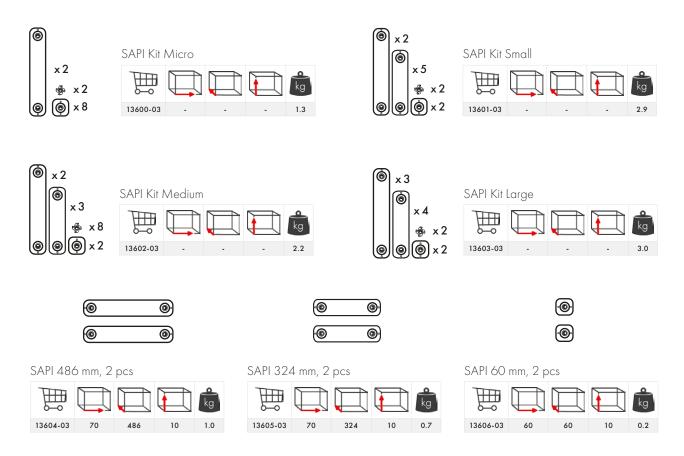
SAPI kit

Dedicated mounting kit for safe, non-intrusive mounting of racking systems on plywood flooring at least 12 mm thick. The mounting kit is designed to suit various racking system combinations and sizes of vehicle.

Read more about SAPI on page 113.

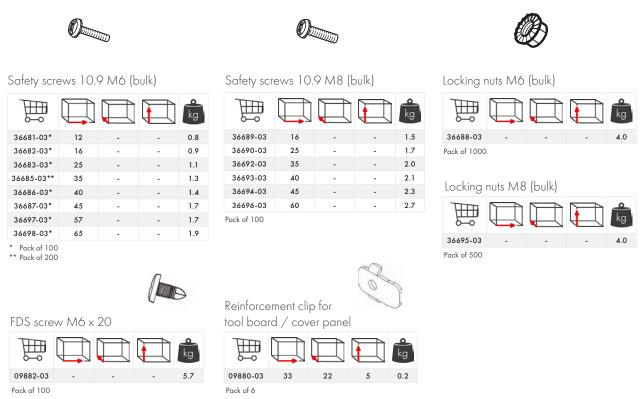
SAPI kit

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.



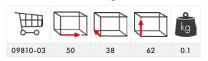
Fitting components

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.



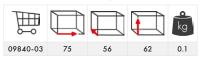


Universal mounting bracket, UV-1



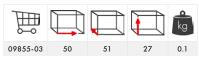


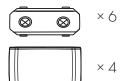
Universal mounting bracket, UV-4



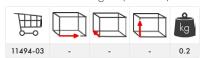


Support bracket





Module fixing kit (QuickFit)





T-track nuts (bulk)

		,	,	
				kg
09877-03	14	7	8	2.0
D (500				

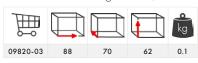


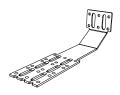
Screw kit Micro





Universal mounting bracket, UV-2



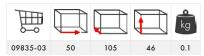


Universal mounting bracket, UV-5

				kg
09850-03	250	75	62	0.2



Angle bracket for floor mounting





QuickFit cover T-track attachment (bulk)

				kg
09876-03	52	13	27	0.6
Pack of 200				



Nuts for square perforations (bulk)

				•
6 ⊸ 0			4	<u></u>
09878-03	12	10	12	0.4



Pack of 500

Screw kit Small

				kg
11492-03	-	-	-	2.2



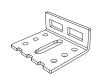
Universal mounting bracket, UV-3

				kg
09830-03	130	75	62	0.2

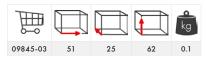


Shock-absorbing mounting bracket

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



Floor angle





QuickFit T-track attachment (bulk)

					kg
09875-	03	47	20	24	6.8
Pack of 20	20				

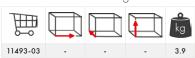


Connecting profile

· · · · · · · · · · · · · · · · · ·					
				kg	
09879-03	112	24	24	0.1	



Screw kit Large







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

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