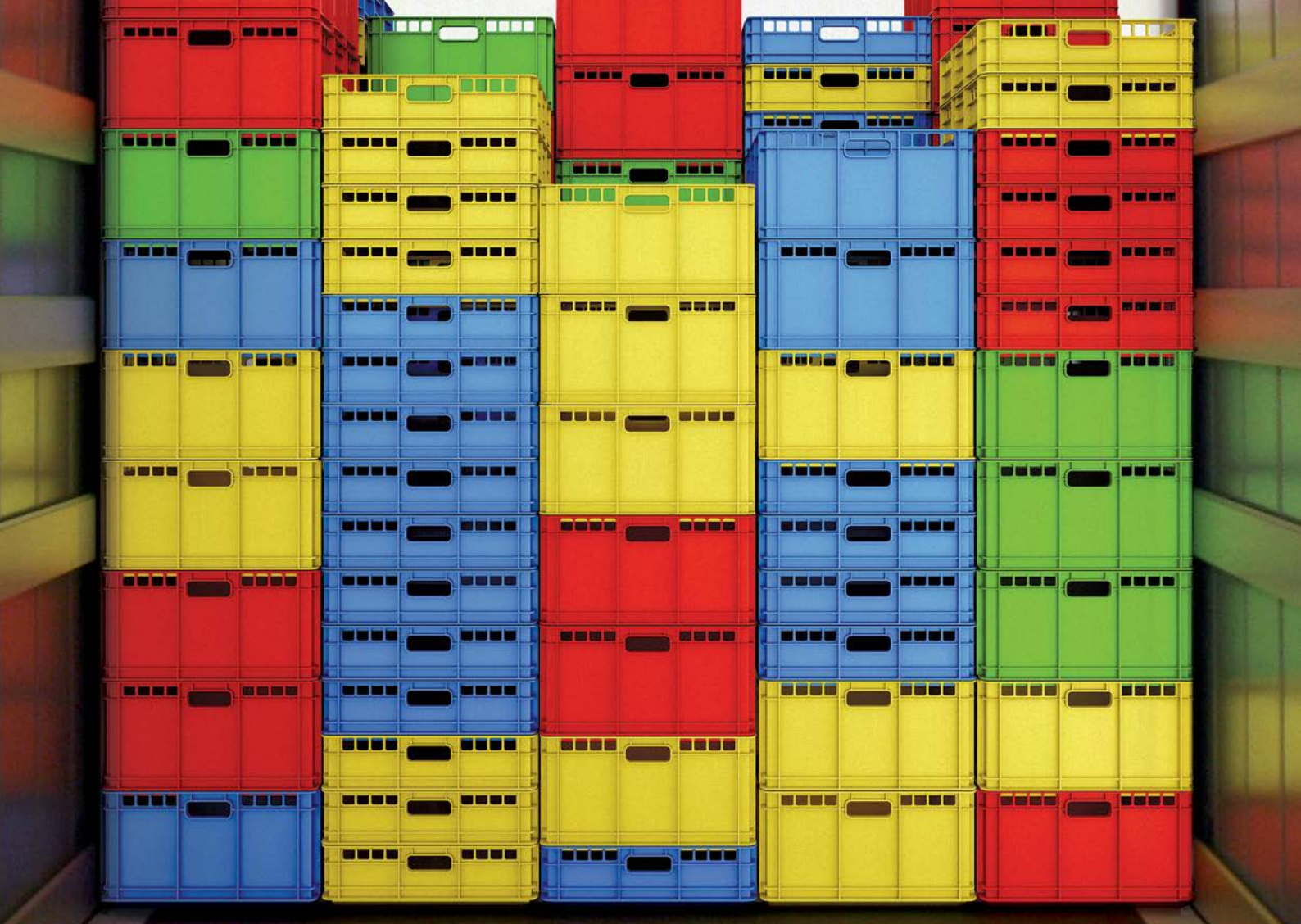




en 03|25

VARIO – Sliding Roof System

Proven Technology for Transport Logistics



Edscha
Trailer Systems

www.EdschaTS.com

Das Original



Freight transport today

Rapid economic development and the associated expansion of the infrastructure lead to a constant rise in transport volumes. This enormous logistical challenge has primarily been met to date through creativity and the strong commitment of the people working in this industry. The further rise in demand for even greater trans-

port capacity, the increasing quality of freight goods and the accompanying increasing demand for security, productivity and speed of freight transport lead to greater requirements.

Edscha Trailer Systems, Europe's market and technological leader for sliding roofs for trucks, offers the optimum

roof system for transport vehicles with tarpaulin covers.

Edscha Trailer Systems stand for quality, flexibility and efficiency!



- A high and rising volume of cargo leads to increasing demands on technology and logistics
- The increased price and quality of cargo lead to increasing requirements
- International logistics standards lead to new challenges in cargo transportation

Edscha Trailer Systems sliding roof systems for increasing requirements

VARIO Full Tarpaulin Roof | **VP**



VARIO Curtain-Sider Roof | **CS**



VARIO OpenBox | **OB**



fast, efficient and proven!



VARIO Full Tarpaulin Roof

Edscha TS full tarpaulin roof systems allow a fast and secure loading process as the cargo space can be opened up very quickly by sliding the full tarpaulin towards the bulkhead. Another advantage is the utilisation of the full



cargo space while at the same time protecting the cargo. The drop sides in this version secure the cargo in combination with the Edscha TS full tarpaulins in an ideal manner, even in difficult road conditions and critical weather conditions.



- **Highly flexible system**
- **Maximum usable cargo volume combined with optimised protection of the cargo**
- **Fastest loading and unloading, even in one-man operation**



VARIO Curtain-Sider Roof

The Edscha TS Curtain sider is a further development of the closed structure. Side loading with a forklift is now possible, as for traditional drop side



vehicles, which is a lot more efficient. Fast, almost complete opening of the sidewall means that bulky goods can be loaded very quickly.

The roof can be opened independently, making it possible to load bulky goods easily from above.



- **Very effective forklift loading from the side**
- **Cargo transportation, loading and unloading are fast, dry and safe**
- **Easy loading also possible from above**



VARIO OpenBox

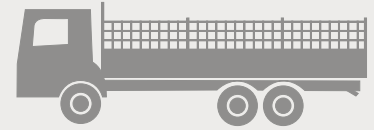
The OpenBox body from Edscha Trailer Systems is specifically designed for the transport of bulk goods. With its solid walls, this roof system is ideal



for a variety of loading and unloading methods – whether from the side, from above, or through the rear door. However, the most common use case



is from above through a hopper or from the side with a loader.



Full tarpaulin roofs (VP): easy loading from above

Heavy industries like the steel industry produce some goods like beams that are several metres long and coils that weigh several tonnes and these have special requirements for their transportation, loading and unloading relating to the safety, productivity and efficiency of the roof that is used.

Edscha TS full tarpaulin systems are

the optimum solution for these requirements. They offer both safe transportation of the bulky goods and the possibility of easy loading with a crane from above. At the same time the full tarpaulin can be opened very quickly and therefore efficiently and economically by just one person.



Curtain sider roofs (CS): individual and fast loading from the side

Fast and flexible supply with the required products, as in just-in-time production in the automotive industry, is very important to an increasing number of companies. This development greatly increases requirements placed on transport companies. Efficient loading and

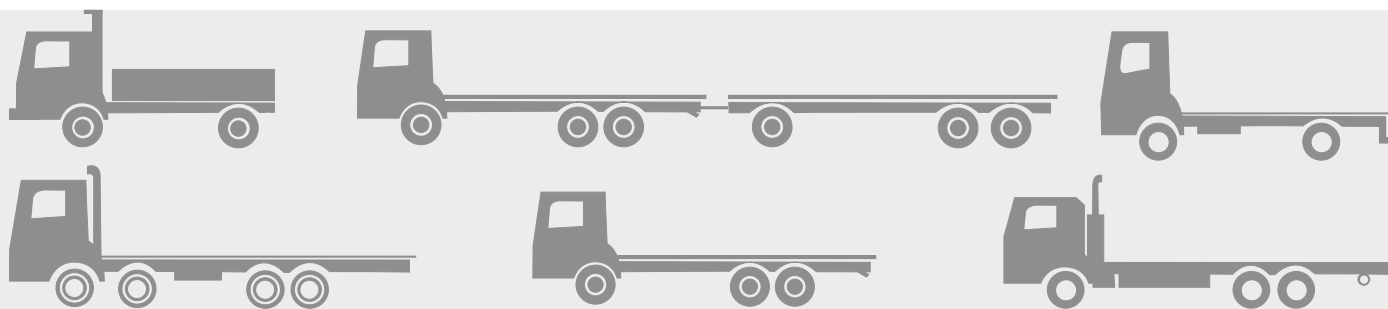
unloading of goods is a central factor for the success of logistics services providers. Edscha TS Curtain siders fulfil the highest requirements for speed and productivity with their loading flexibility and especially the very effective options of side loading with a forklift or loading from above.



OpenBox roofs (OB): fast, efficient and proven!

Truck bodies with solid walls are an essential requirement for the transport of bulk goods. This applies regardless of whether the load is loaded via a wheel loader from the side via the wall, through a hopper, via a filling pipe from above or via a rear door. During unloading, there are also the options

of digging from the top, unloading via a tailgate or pushing out or tipping in one or more directions. Over the years, heavy haulage has become increasingly specialised with such options to suit different bulk materials and loading conditions.



- Particularly easy loading and unloading with crane systems and with limited heights



- Optimum loading of heavy goods with regard to speed, safety and efficiency



- Fast, safe loading and unloading using side curtains and an independent roof



- A high level of flexibility in different loading situations



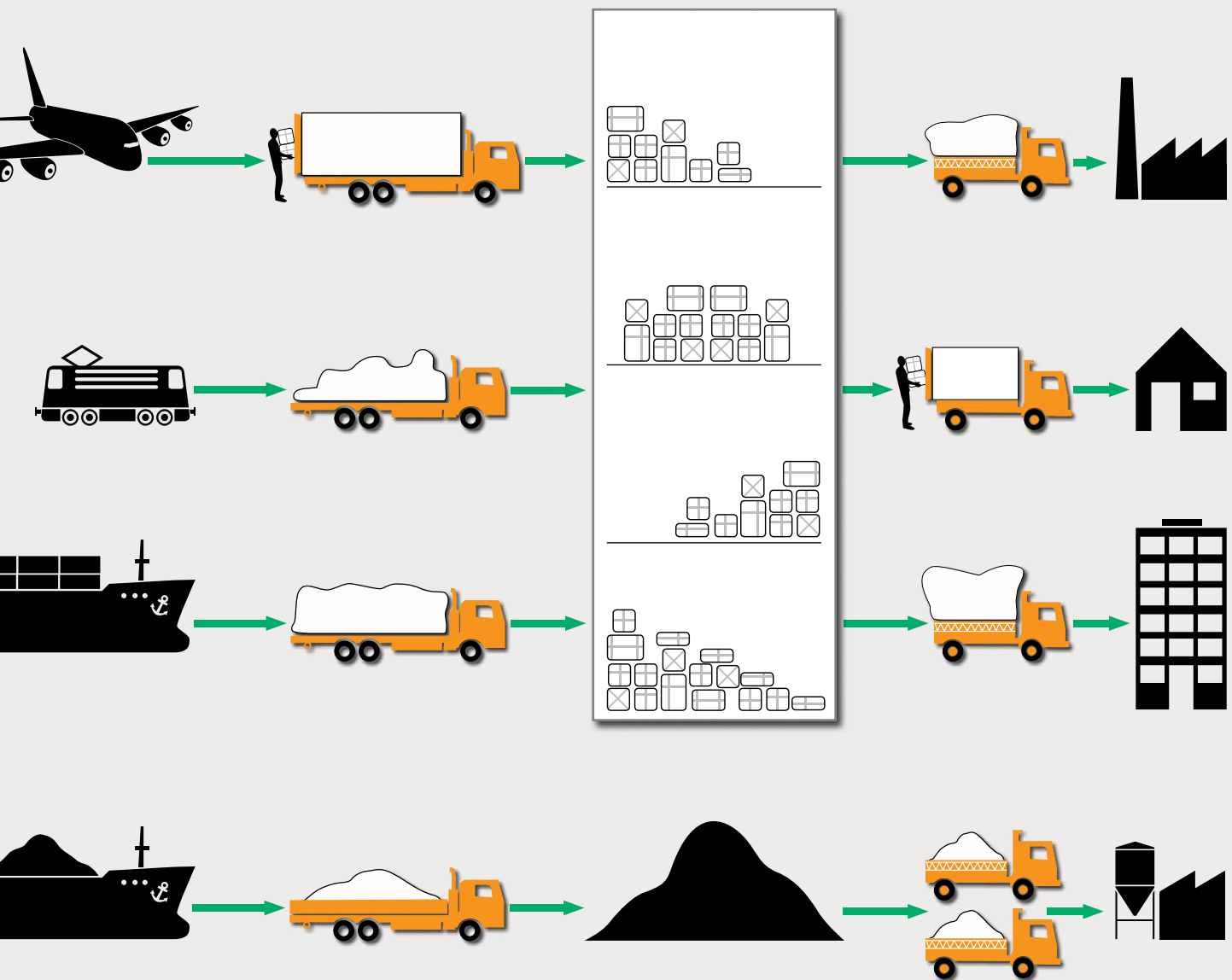
- Fits perfectly as a complement to the traditional vehicle superstructure



- Does not get stuck thanks to its patented

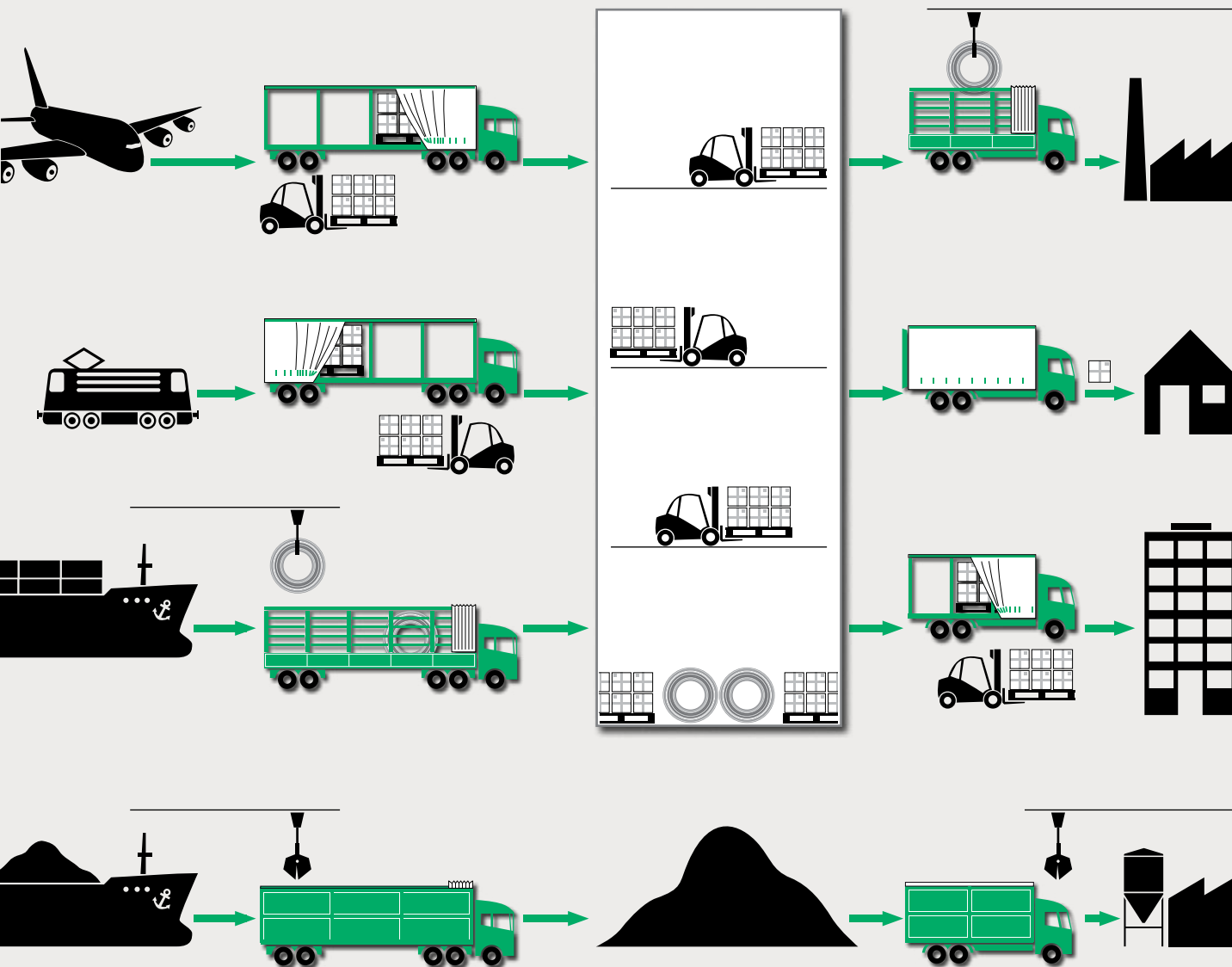


- It is modular to CS and VP with all the advantages



Necessity of effective transloading of shipments





Efficiency improvements through industry standards & new technologies

Benefits of Edscha TS VARIO System*

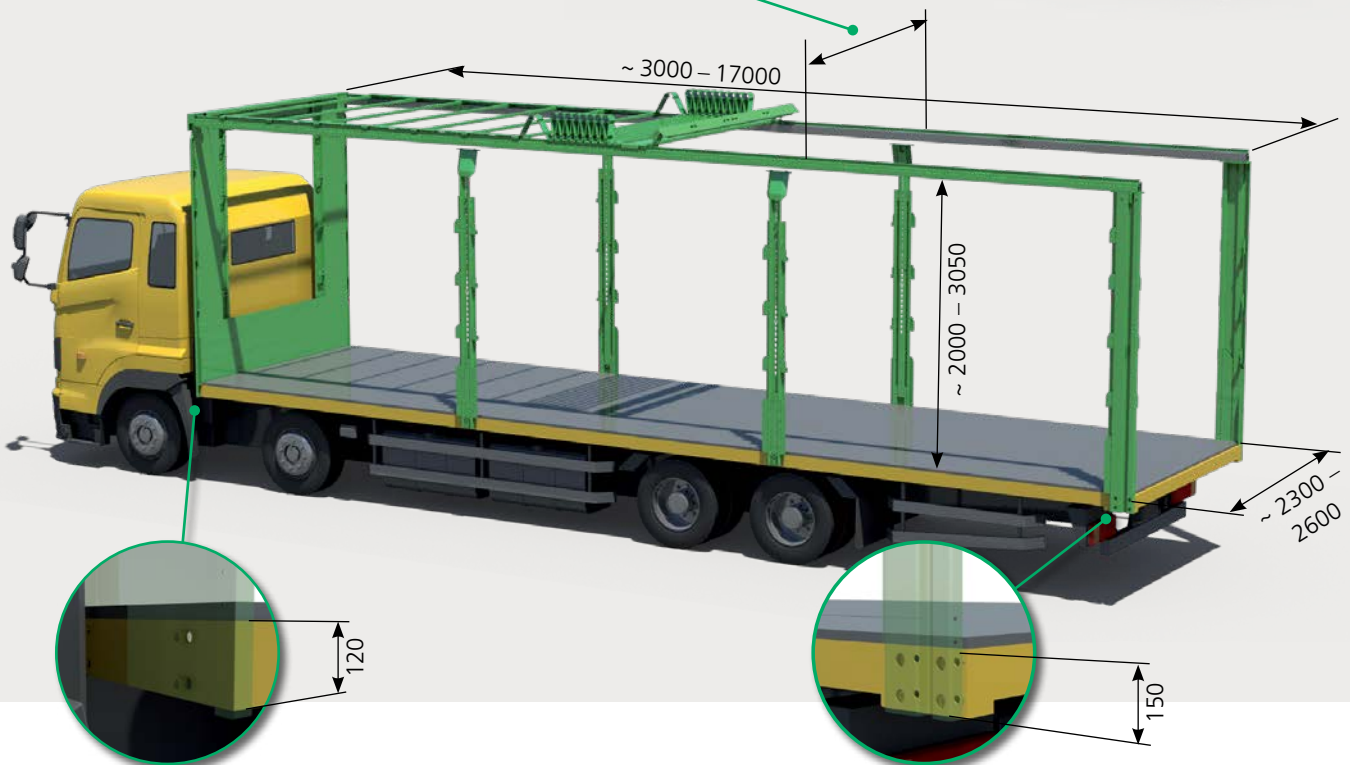
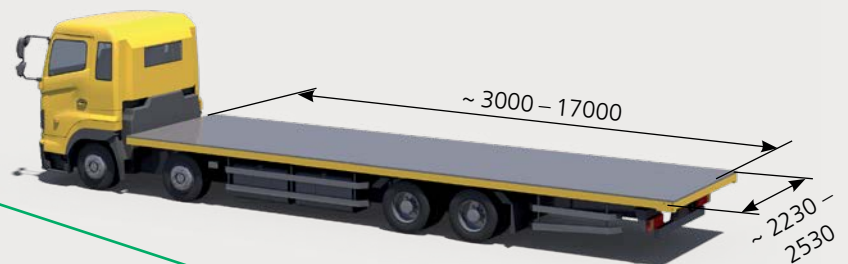
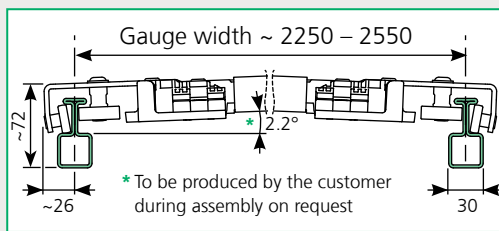
- 5 - 15 % more payload compared to steel-walls or steel-box
- Possibly ~10 % increasing turnover because 1 - 2,5 h time saving on any loadings
- Reselling - value increases up to the value of extra costs
- Risk of unpaid transports due to wet loads stops
- No tarpaulin-replacements needed for whole trailer life
- Added value for advertisement on tarp possible
- Huge savings for industry due to up to 20 times quicker loadings
- Cost reduction on any kilometer
- ROI in about only 1 year possible
- Proven german quality since 1969

* compared to traditional bodies (as shown on page 8 by way of example)





Full tarpaulin roof system New body



Full tarpaulin system (VP)

The Edscha TS sliding roof body components in the VP system allow maximum flexibility in the design of new and existing vehicles. Individual transport requirements, the desired scope of function and the nature of the basis vehicle define the selection of the body components. The high variability of the VP system allows the local vehicle builder to create a transport vehicle

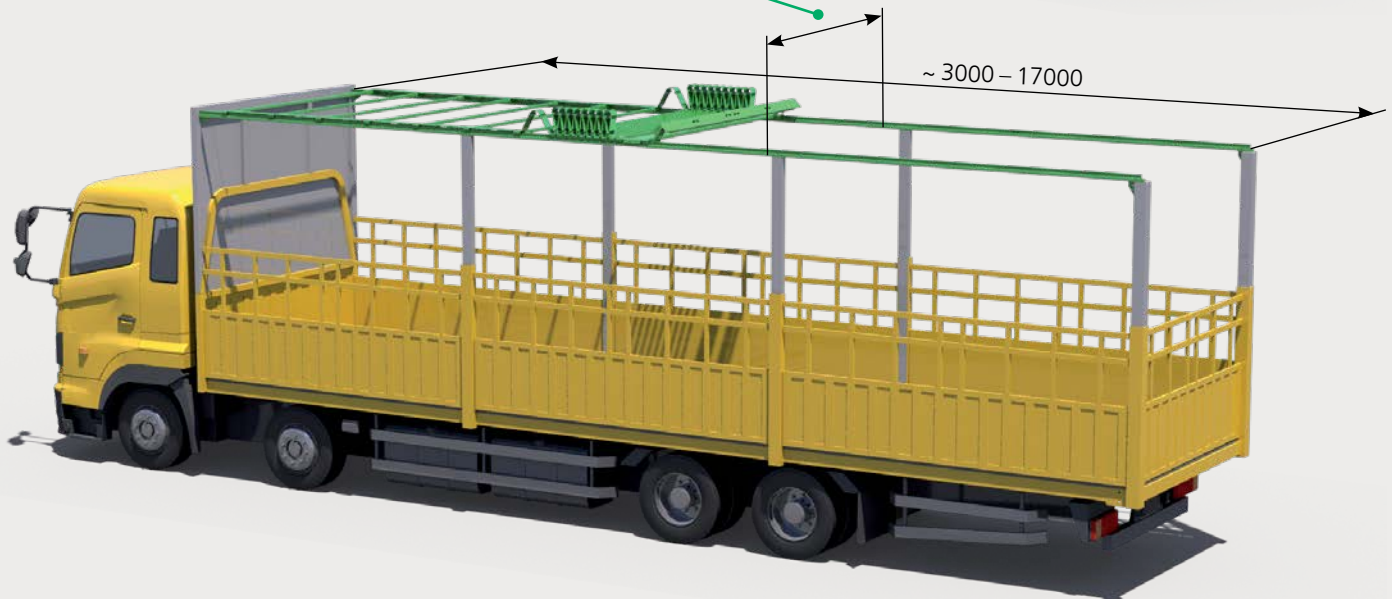
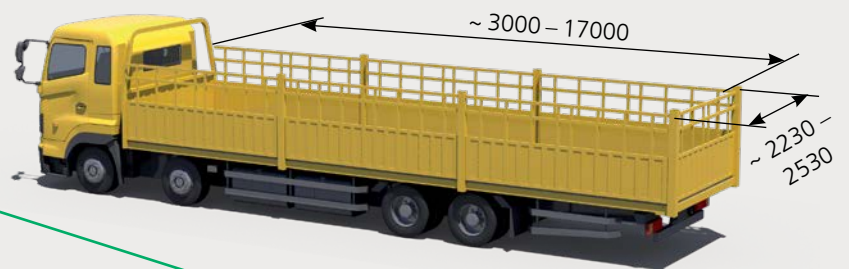
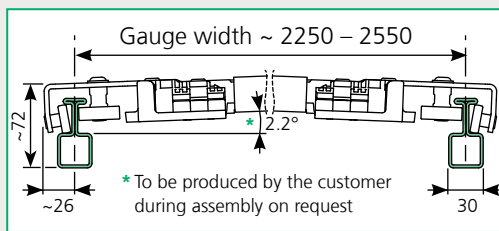
that is customised and complies with international standards from almost all basis vehicles. Edscha TS offers professional advice and the decades of experience of German engineers on site. There are only a few parameters to be considered when planning the body: the body gauge width is the most important value besides the length, width and height (= loading volume)

of the basis vehicle. This value is the average distance between the system running rails along which all moving roof and side tarpaulins are moved.

The value has been proven internationally and can usually be realised easily in most cases with Edscha TS VP system components, on new bodies and for extensions to drop side vehicles.



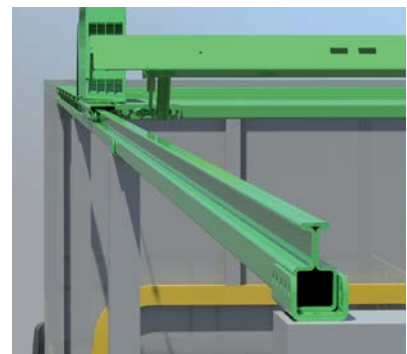
Extension body



- High variability of the VP system
- Internationally proven system gauge widths
- New and extension bodies possible



Sliding pillar

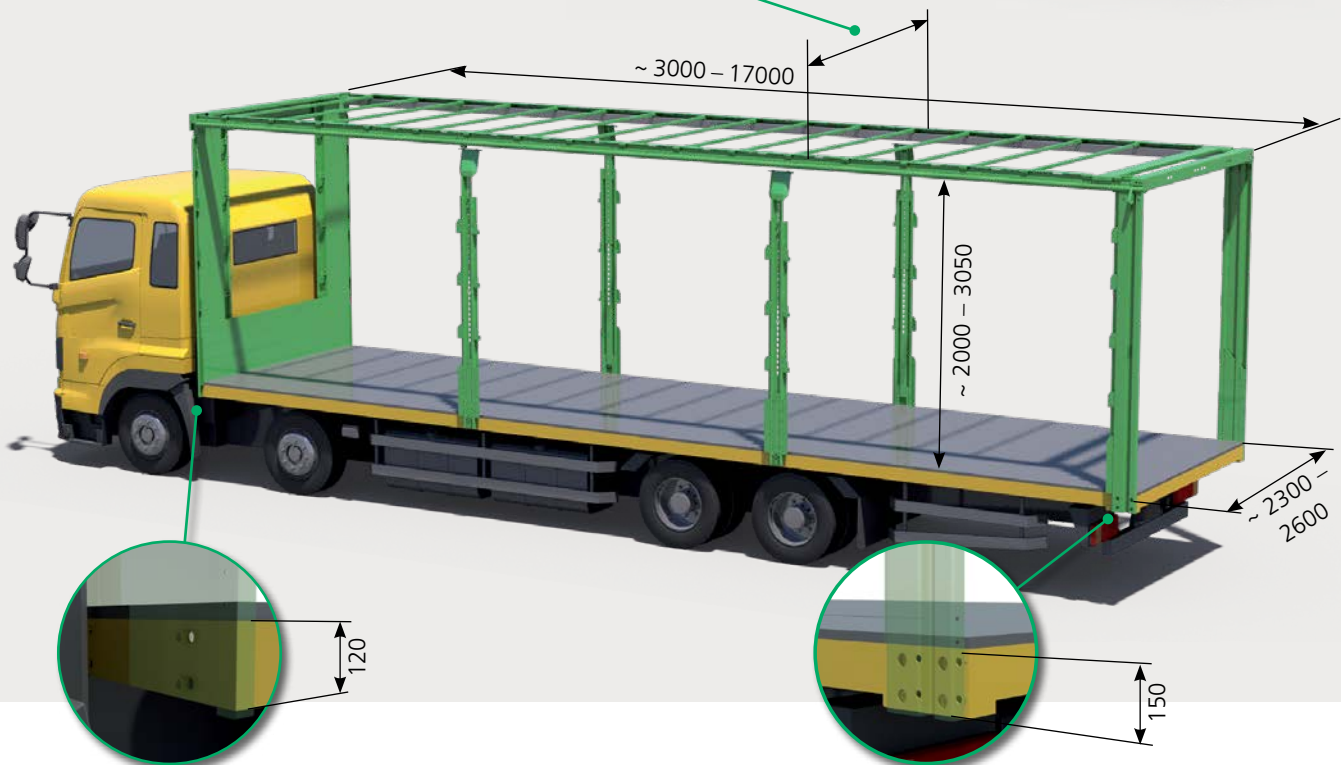
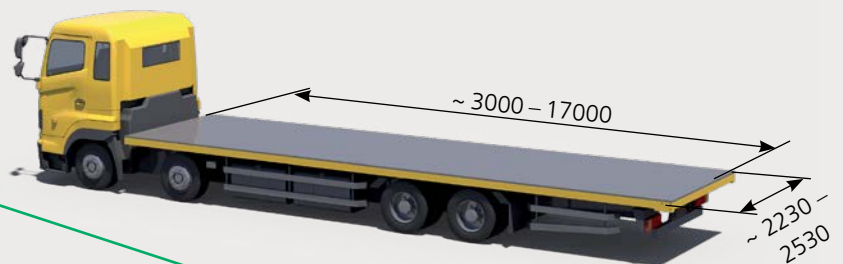
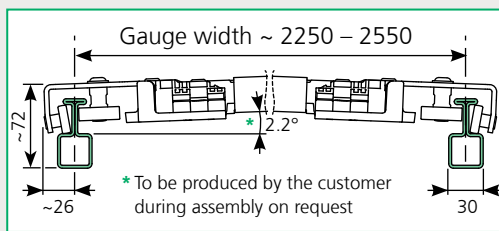


Fixed pillar



Curtain sider roof system

New body



Curtain sider system body (CS)

The Edscha TS sliding roof body components in the CS system give the greatest possible adaptability when designing bodies for new and existing vehicles.

The selection of system components is defined depending on sector (e.g. consumer goods and industrial production, automotive industry, steel

products, construction materials etc.) based on your individual transport requirements, the required scope of function (e.g. sliding pillars, fixed pillars, rear doors, rear blind etc.) and the nature of the basis vehicle.

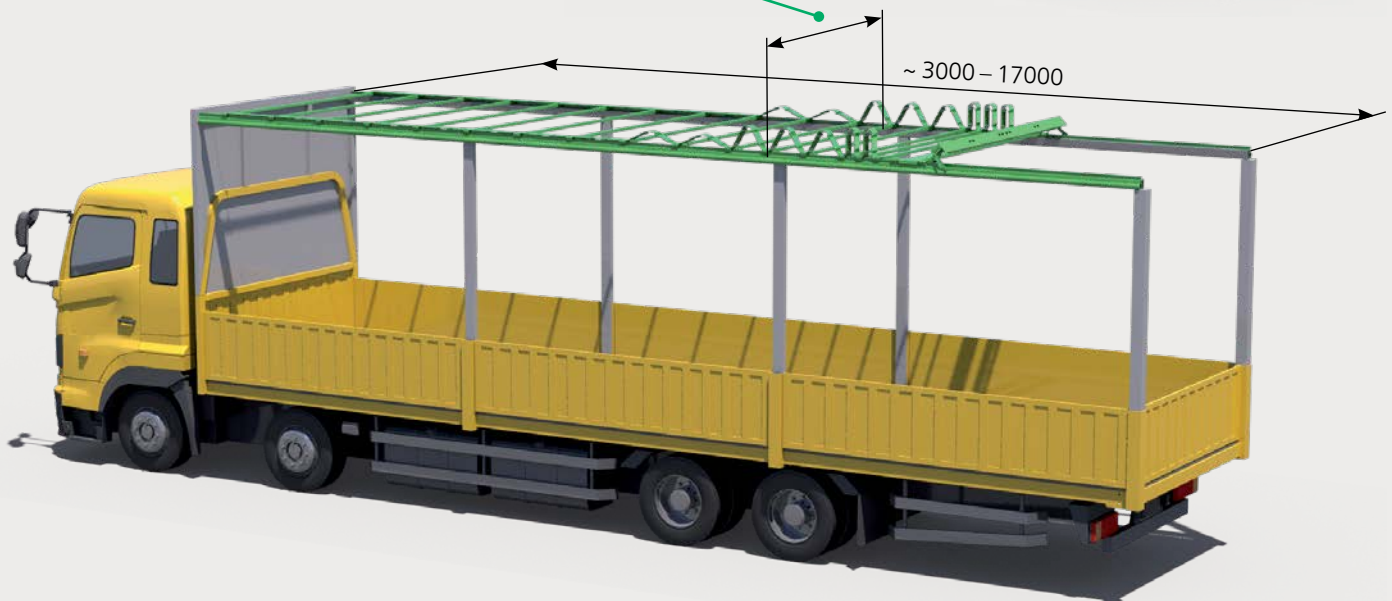
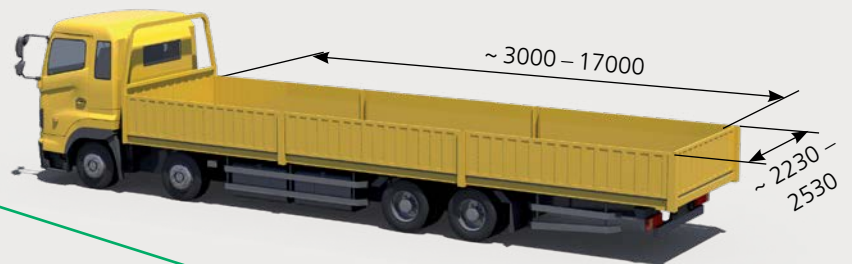
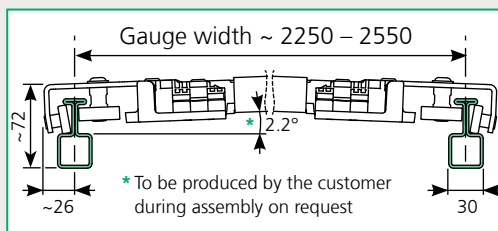
The highly variable CS system bodies by Edscha TS put the vehicle builder in a position to create a completely indi-

vidual transport vehicle from most basis vehicles that complies with international standards.

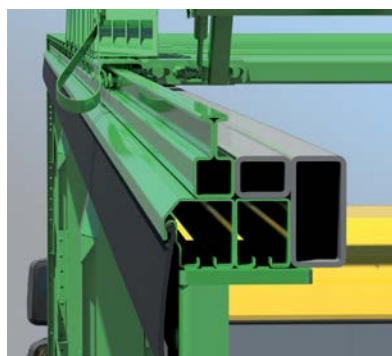
Edscha TS offers expert advice, decades of experience of German engineers and help with the planning and assembly on site. There are only a few parameters that need to be taken into account for body planning, as for the VP full tarpaulin system.



Extension body



- High variability of CS system
- Internationally proven system gauge widths
- New body and extension body possible



Sliding pillar

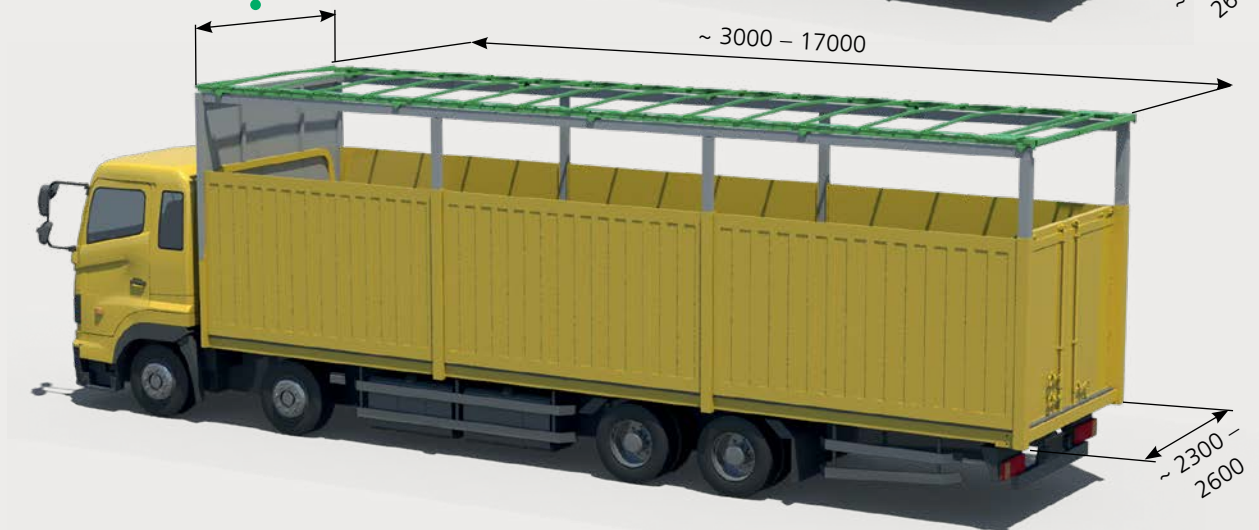
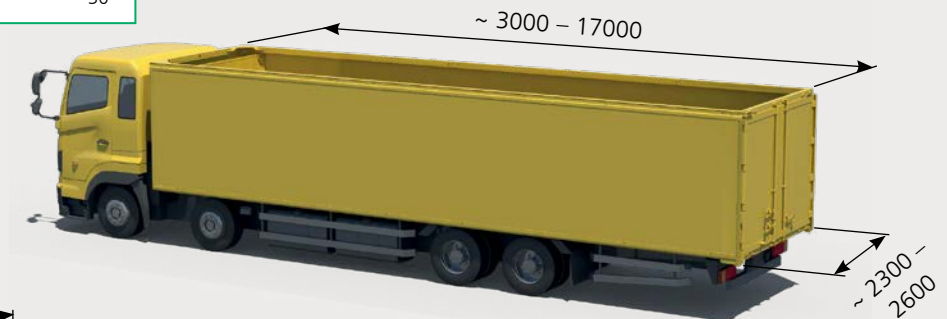
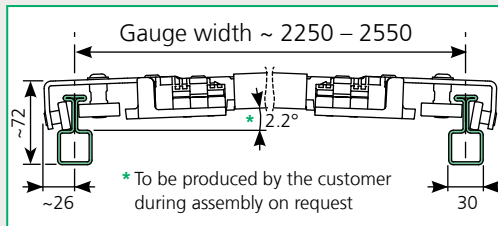


Fixed pillar



OpenBox sytem

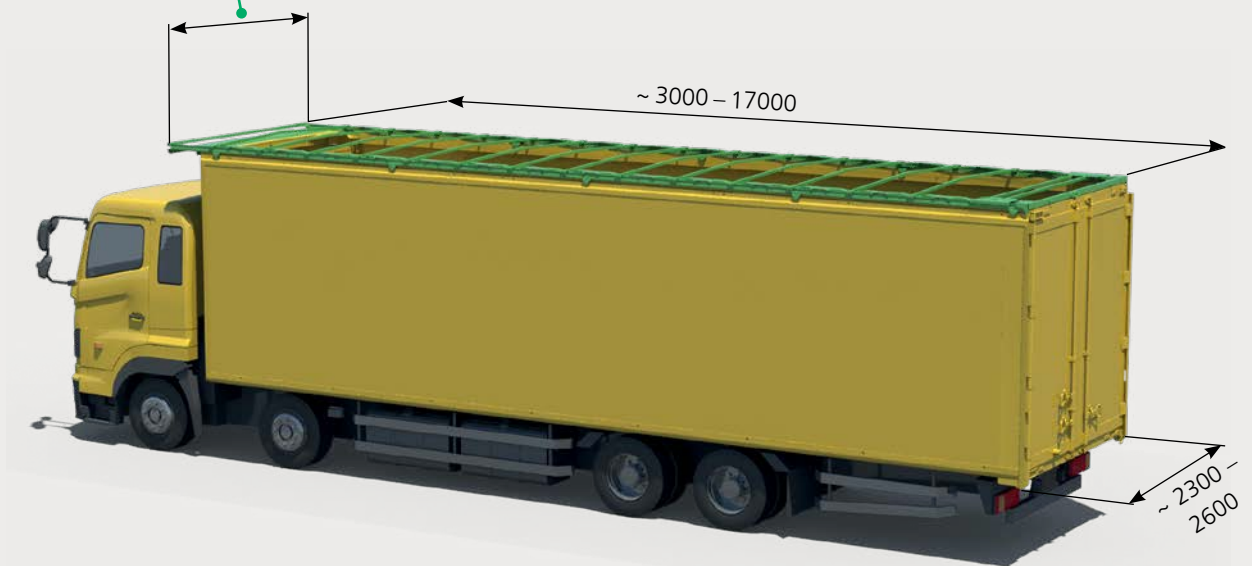
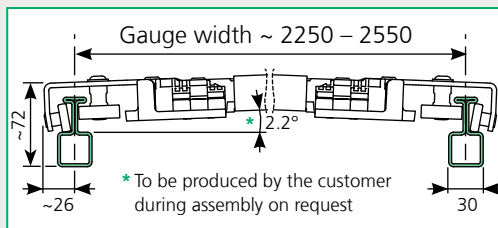
Bracket / Extension body



OpenBox system (OB)

Truck bodies with solid walls are an essential requirement for the transport of bulk goods. This applies regardless of whether the load is loaded via a wheel loader from the side via the wall, through a hopper, via a filling pipe from above or via a rear door. During unloading, there are also the options of digging from the top, unloading via a tailgate or pushing out or

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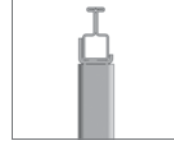


- Fits perfectly as a complement to the traditional vehicle superstructure
- Does not get stuck thanks to its patented connection
- It is modular to CS and VP with all the advantages

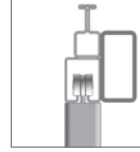


Full tarpaulin roof system Overview

Fixed pillar



Sliding pillar



Extension body with fixed pillars

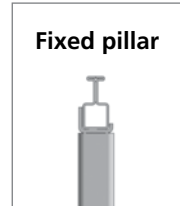


New body with sliding pillars

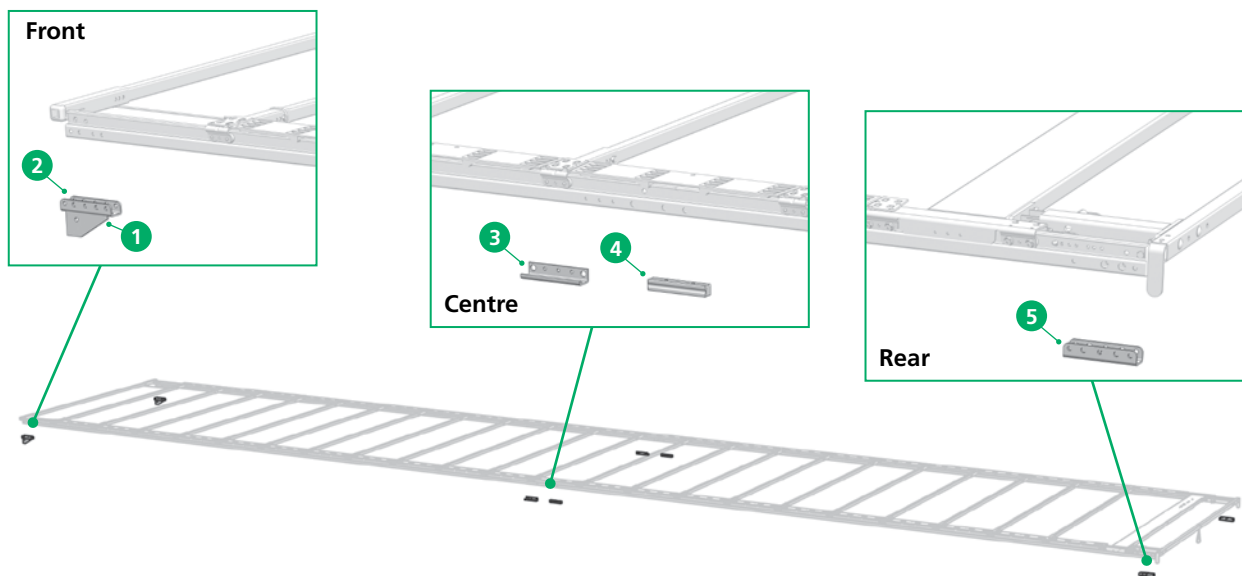


Full tarpaulin roof system

Extension body



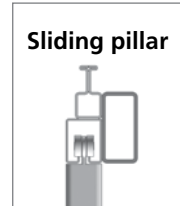
Assembly parts



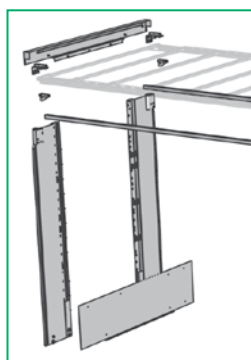
Pos.	Order-No.	Designation
1	37 010 310	Corner plate
2	38 030 640	Support connection front
3	38 030 700	Support connection centre
4	38 030 720	Connection bolt with thread M 10
5	38 032 360	End support connection with bolt

Full tarpaulin roof system

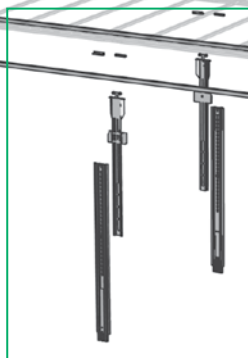
New body



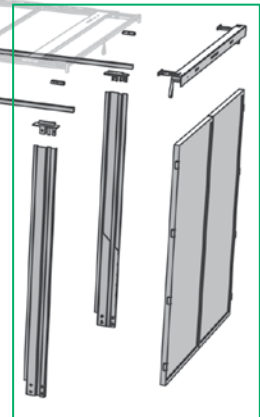
Overview: Optional accessories



Entire system front
see page 19



Entire system centre
see page 20



Entire system rear
see page 21

Includes the following individual components *(in different quantities):*

Front frame 2021

Assembly sets

Sliding pillars LP-2

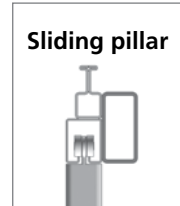
Rear frame 2102

Gantry beam

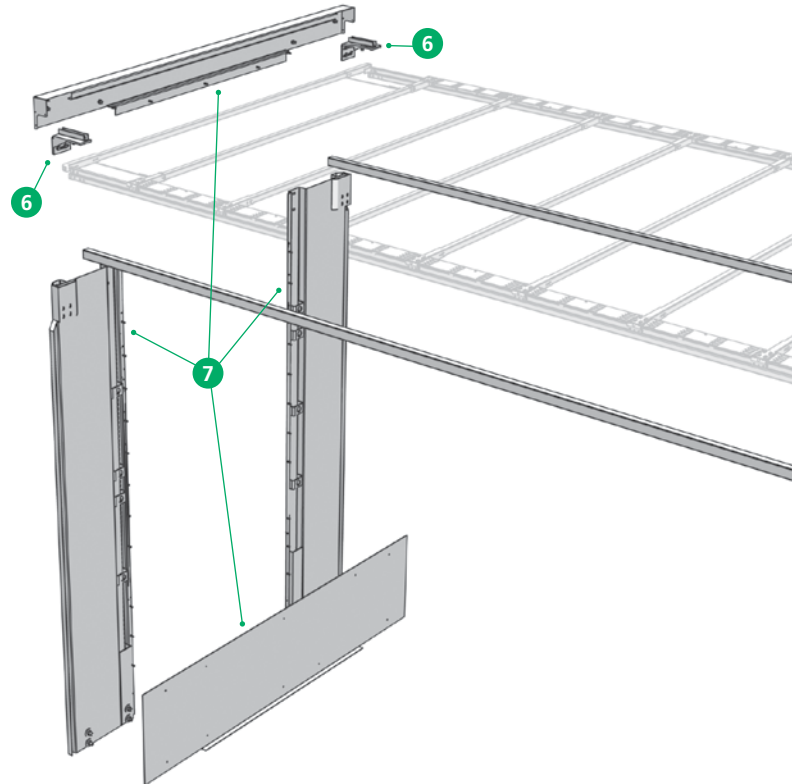
Doors

Steel profile on sliding pillars

Full tarpaulin roof system New body



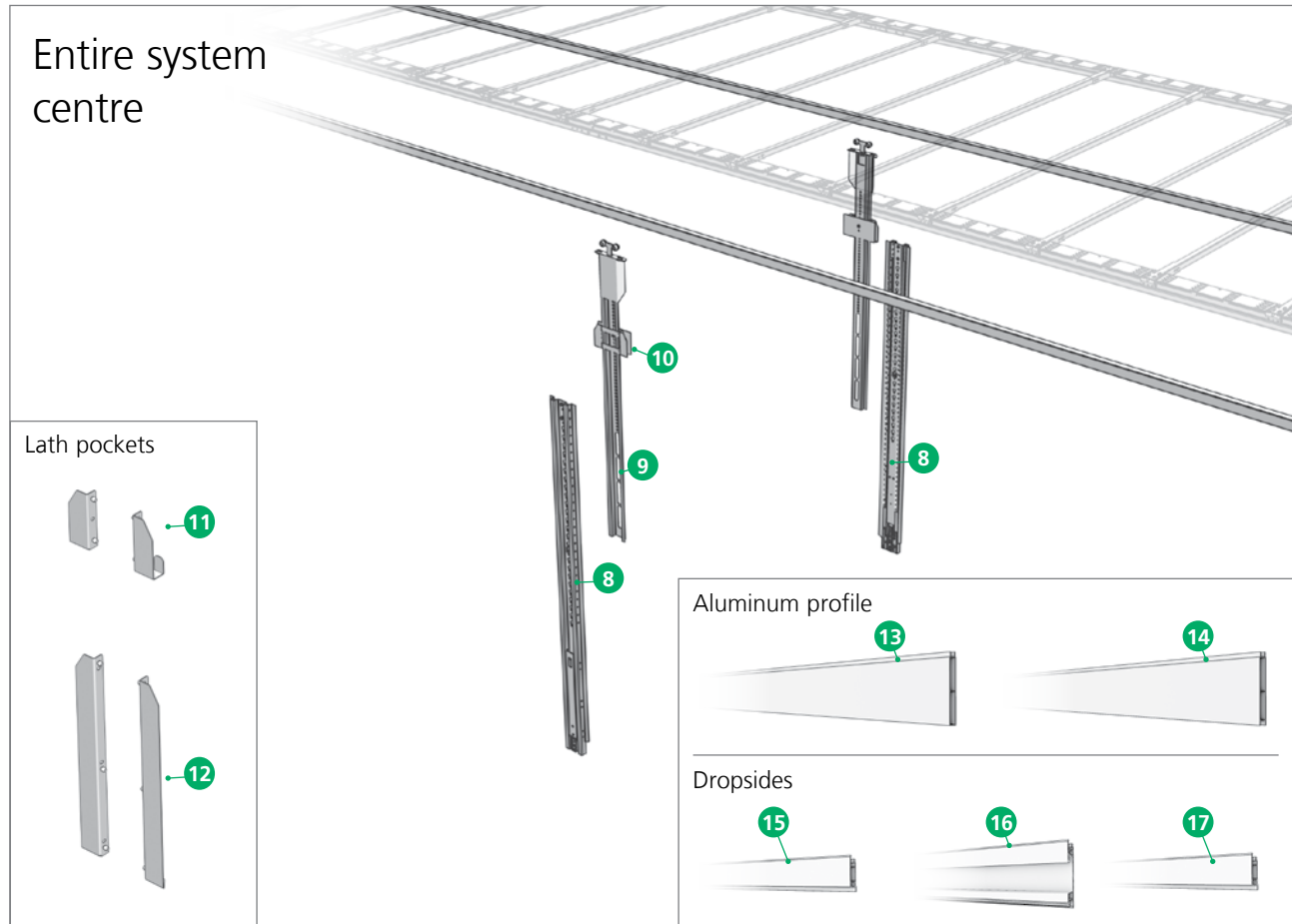
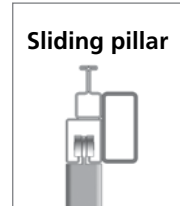
Entire system front



Pos.	Order-No.	Designation
Accessories for vehicle statics, additional equipment		
6	38 099 650	Mounting kit front wall VARIO
7	38 100 860	VARIO front wall kit
-	38 100 870	VARIO front wall screw set

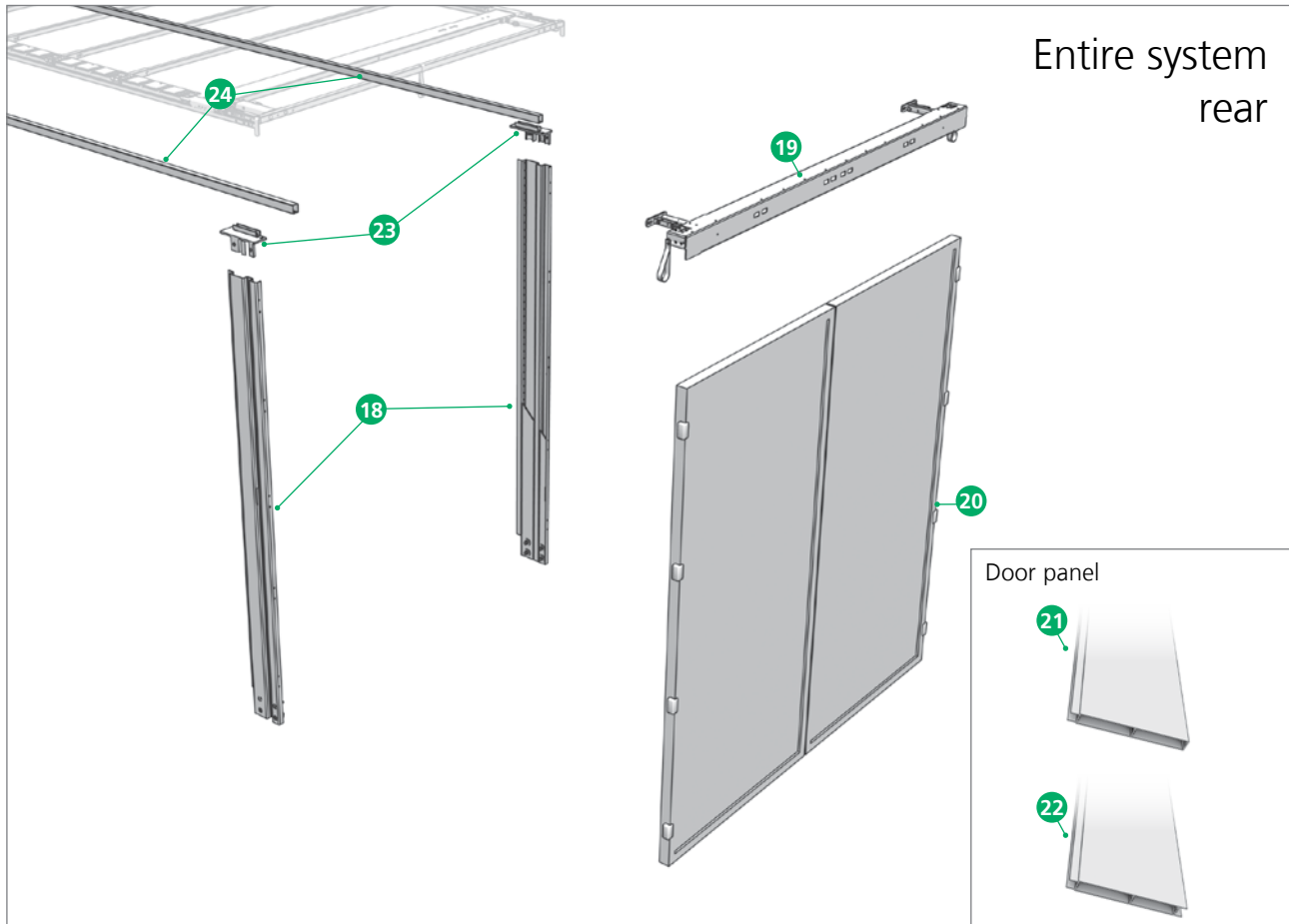
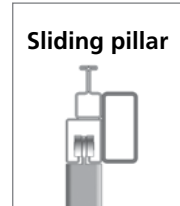
Full tarpaulin roof system

New body



Pos.	Order-No.	Designation
Accessories for vehicle statics, additional equipment		
8	38 094 450	LP2 XL basic stanchions
9	38 094 720	Head end LP2 1700/0
10	38 101 000	Lath pocket carrier
11	70 002 768	Set of lath pockets short
12	70 002 767	Set of lath pockets long
13	70 002 322	Aluminum profile lower part (L = 7.5 m)
14	70 002 323	Aluminum profile middle part (L = 7.5 m)
15	38 100 150	Dropside profile bottom part (L = 7,5 m)
16	38 100 140	Dropside profile center part (L = 7,5 m)
17	38 100 141	Dropside profile top part (L = 7,5 m)
-	38 100 890	Mounting kit stanchion VARIO

Full tarpaulin roof system New body



Pos.	Order-No.	Designation
Accessories for vehicle statics, additional equipment		
18	38 100 880	Rear frame VARIO
19	69 013 970	Gantry beam VP variable width
20	70 003 098	Classic Door EVO (Ba=2600 Ht=2800) - PWP Bausatz
21	70 003 332	Door panel 1st profile - Classic Door EVO
22	70 003 333	Door panel - Classic Door EVO
23	38 100 900	Mounting kit rear stanchion VP-VARIO
24	90 000 731	Steel profile sliding pillars 50/40 (L=7,8m)
-	38 083 770	Screw set rear frame VARIO
-	70 003 334	Rivet set for Classic Door panel

Full tarpaulin roof system: Configuration 1/2

		Body length (2550 - 7030)							
Component	Weight ~kg/St.	2550 to 3130	3200 to 3780	3850 to 4430	4500 to 5080	5150 to 5730	5800 to 6380	6450 to 7030	
Running rails									
74 611 Running rail (L=7m)	3.7 kg/m	1	2	2	2	2	2	3	
90 000 731 Steel profile sliding pillars 50/40 (L=7,8m)	2.4 Kg/m	1	1	2	2	2	2	2	
Bows									
58 325 Rectangular tube 30x30x1,5x5100 – for bow tube (30 x 30 x 1.5) (L=2278 at RW 2600)	1.3 kg/m	3	4	5	6	7	8	9	
70 002 540 Roller carriage MRS VG	0.77	6	8	10	12	14	16	18	
Folding plates									
69 001 650 Joint 650 CS Hybrid	0.2	6	8	10	12	14	16	18	
End carriages									
58 416 Rectangular tube 30x30x2x5050 – for end carriage bow tube (30 x 30 x 2) (L=2463 at RW 2600 / 2 tubes)	1.75 kg/m	2	2	2	2	2	2	2	
70 003 797 End carriage kit VARIO	13.2	1	1	1	1	1	1	1	
Rear end									
69 013 970 Gantry beam VP variable width	15.3	1	1	1	1	1	1	1	
32 283 Rectangular tube 35x35x2x5100 – for end bow tube (35 x 35 x 2) (L=2570 at RW 2600)	2.0 kg/m	1	1	1	1	1	1	1	
38 100 850 End bow kit CS/VP-VARIO	1.85	1	1	1	1	1	1	1	
Accessory kit									
38 100 910 Screw set VP-VARIO up to 8 m (11 bows)	3	1	1	1	1	1	1	1	
38 100 920 Screw set VP-VARIO up to 13.6m (19 bows)	3.46	0	0	0	0	0	0	0	
Tie rod									
69 016 130 Tie rod	3	1	1	1	1	1	1	1	
Front wall									
38 100 860 VARIO front wall kit	171.4	1	1	1	1	1	1	1	
38 100 870 VARIO front wall screw set	1.9	1	1	1	1	1	1	1	
38 099 650 Mounting kit front wall VARIO	5.6	1	1	1	1	1	1	1	
Option: 70 002 322 Aluminum profile lower part (L = 7.5 m) for Aluminum profile lower part (front frame)	2.7 kg/m								
Option: 70 002 323 Aluminum profile middle part (L = 7.5 m) for Aluminum profile middle part (front frame)	2.7 kg/m								
Option: 70 003 334 Rivet set for Classic Door panel	0.35	1	1	1	1	1	1	1	

Full tarpaulin roof system: Configuration 1/2

	Body length (7100 - 16780)														
	7100 to 7680	7750 to 8330	8400 to 8980	9050 to 9630	9700 to 10280	10350 to 10930	11000 to 11580	11650 to 12230	12300 to 12880	12950 to 13530	13600 to 14180	14250 to 14830	14900 to 15480	15550 to 16130	16200 to 16780
	3	3	3	3	3	4	4	4	4	4	5	5	5	5	5
	2	3	3	3	3	3	3	4	4	4	4	4	4	5	5
	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48
	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48
	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1
	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1
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	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Continue on next page

Full tarpaulin roof system: Configuration 2/2

		Body length (2550 - 7030)							
Component	Weight ~kg/St.	2550 to 3130	3200 to 3780	3850 to 4430	4500 to 5080	5150 to 5730	5800 to 6380	6450 to 7030	
Rear gantry									
38 100 880 Rear frame VARIO	88.8	1	1	1	1	1	1	1	
38 083 770 Screw set rear frame VARIO	1.6	1	1	1	1	1	1	1	
38 100 900 Mounting kit rear stanchion VP-VARIO	9.1	1	1	1	1	1	1	1	
Stanchions									
38 094 450 LP2 XL basic stanchions	18.3	0	2	2	2	2	2	4	
38 094 720 Head end LP2 1700/0	7.6	0	2	2	2	2	2	4	
38 100 890 Mounting kit stanchion VARIO (for 1 stanchion)	2.4	0	2	2	2	2	2	4	
Option (1x per stanchion): 38 101 000 Lath pocket carrier	1.5	0	2	2	2	2	2	4	
Tarpaulin mounting									
64 012 240 Tarpaulin mounting kit with rain strip	2.5	1	1	1	1	1	1	1	
70 003 695 ALU strip kit for tarpaulin attachment VP-VARIO	1	1	1	1	1	1	1	1	
Side drop sides									
38 100 260 Dropside accessory set (1x per dropside)	4.2	2	4	4	4	4	4	6	
38 100 150 Dropside profile bottom part (L = 7,5 m) (1x per dropside)	1.7 kg/m								
38 100 140 Dropside profile center part (L = 7,5 m) (1x per dropside)	2.8 kg/m								
38 100 130 Dropside profile top part (L = 7,5 m) (1x per dropside)	1.5 kg/m								
Rear dropside									
38 100 260 Dropside accessory set (1x per dropside)	4.2	1	1	1	1	1	1	1	
38 100 150 Dropside profile bottom part (L = 7,5 m) (1x per dropside)	1,7 kg/m								
38 100 140 Dropside profile center part (L = 7,5 m) (1x per dropside)	2.8 kg/m								
38 100 130 Dropside profile top part (L = 7,5 m) (1x per dropside)	1.5 kg/m								
Doors option									
70 003 098 Classic Door EVO (Ba=2600 Ht=2800) - PWP Kit	98	1	1	1	1	1	1	1	
70 002 322 Aluminum profile lower part (L = 7.5 m) for 70 003 332 Door panel 1st profile - Classic Door EVO	2.7 kg/m								
70 002 323 Aluminum profile middle part (L = 7.5 m) for 70 003 333 Door panel - Classic Door EVO	2.7 kg/m								
70 003 334 Rivet set for Classic Door panel	0.35	1	1	1	1	1	1	1	

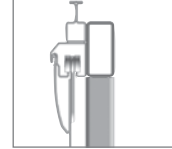
Full tarpaulin roof system: Configuration 2/2

	Body length (7100 - 16780)														
	7100 to 7680	7750 to 8330	8400 to 8980	9050 to 9630	9700 to 10280	10350 to 10930	11000 to 11580	11650 to 12230	12300 to 12880	12950 to 13530	13600 to 14180	14250 to 14830	14900 to 15480	15550 to 16130	16200 to 16780
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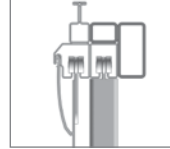
Curtain sider roof system

Overview

Fixed pillar



Sliding pillar



Extension body with fixed pillars

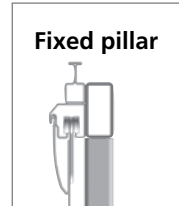


New body with sliding pillars

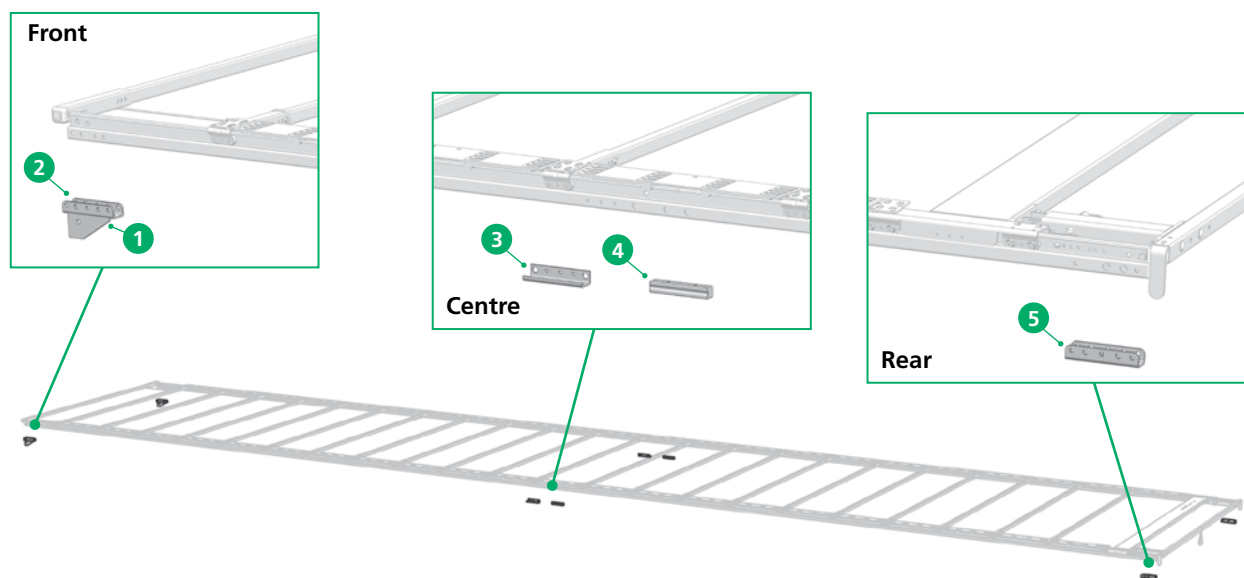


Curtain sider roof system

Extension body

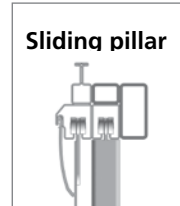


Assembly parts

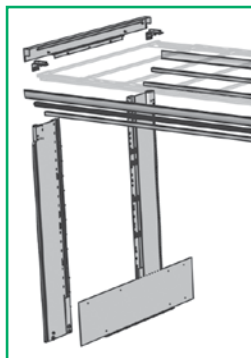


Pos.	Order-No.	Designation
1	37 010 310	Corner plate
2	38 030 640	Support connection front
3	38 030 700	Support connection centre
4	38 030 720	Connection bolt with thread M 10
5	38 032 360	End support connection with bolt

Curtain sider roof system New body



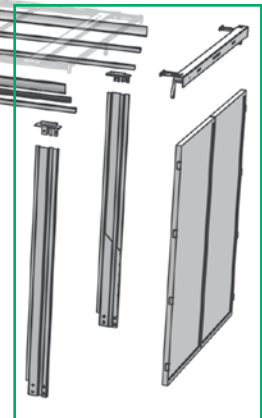
Overview: Optional accessories



Entire system front
see page 29



Entire system centre
see page 30



Entire system rear
see page 31-32

Includes the following individual components *(in different quantities):*

Front frame 2021

Assembly sets

Sliding pillars LP-2

Rear frame 2102

Gantry beam

Doors

Steel profile on sliding pillars

Steel profile CS

Profile seal

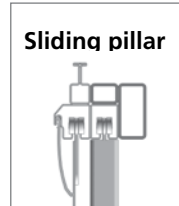
Aluminium draw-in tubes

Tensioning ratchets

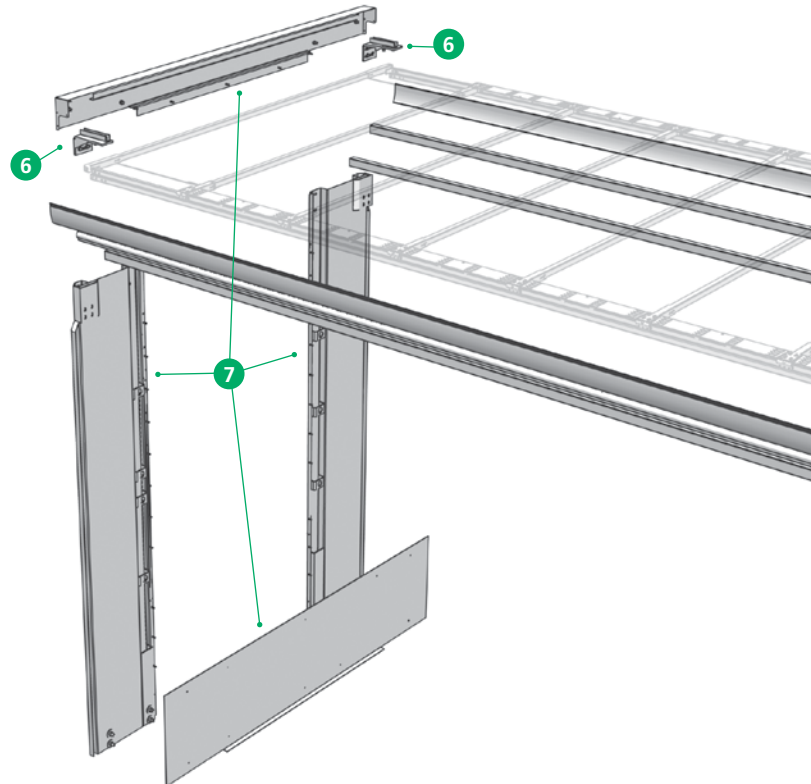
Draw-in tube adapter

Curtain sider roof system

New body



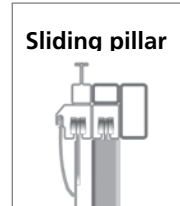
Entire system front



Pos.	Order-No.	Designation
Accessories for vehicle statics, additional equipment		
6	38 099 650	Mounting kit front wall VARIO
7	38 100 860	VARIO front wall kit
-	38 100 870	VARIO front wall screw set

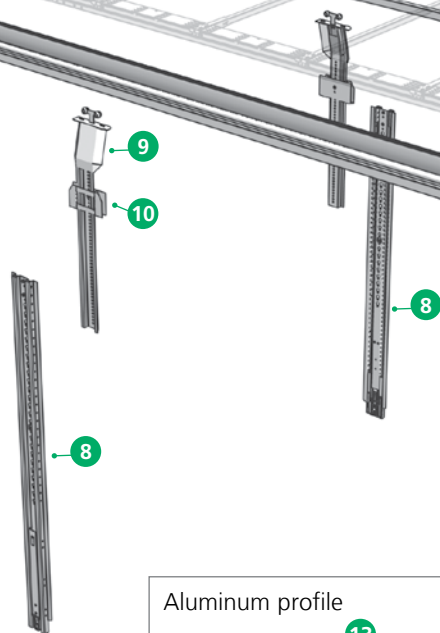
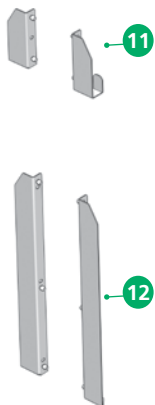
Curtain sider roof system

New body



Entire system
centre

Lath pockets



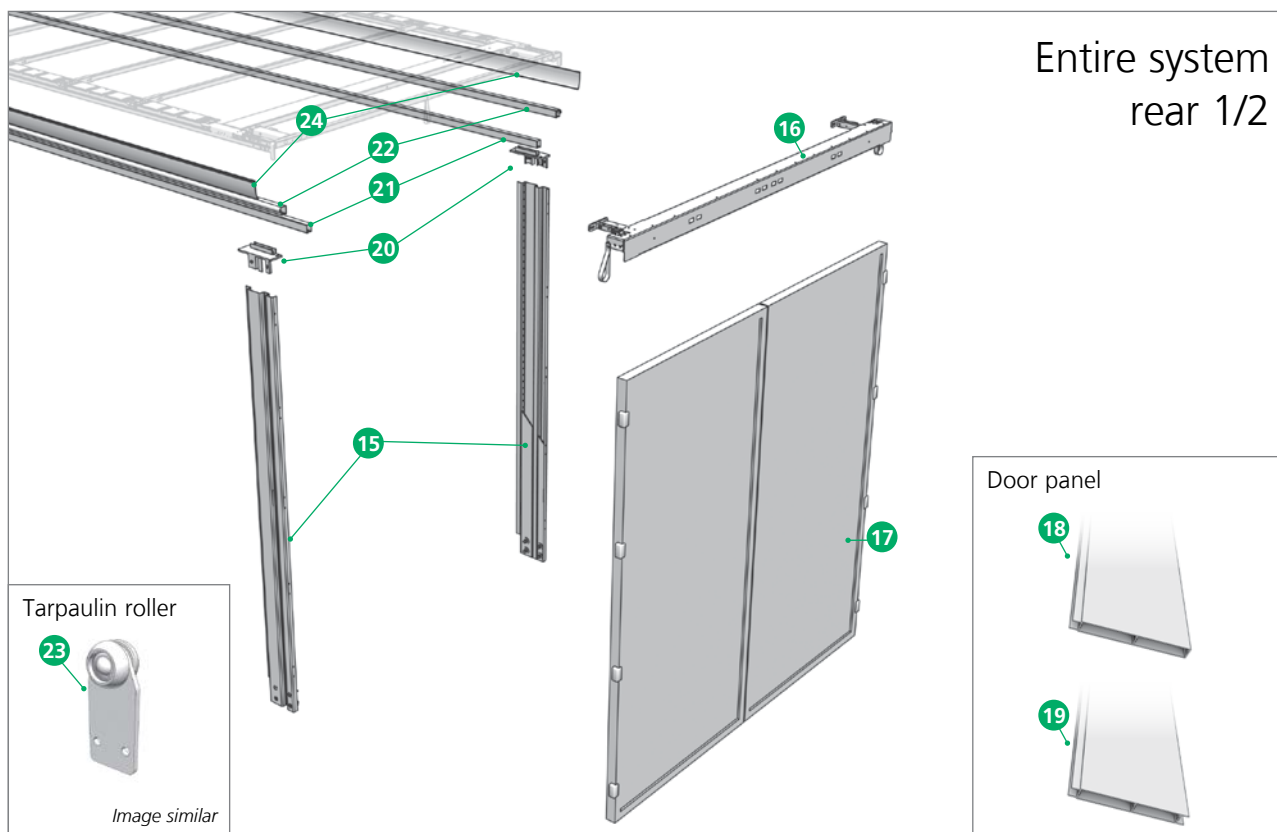
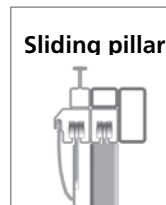
Aluminum profile



Pos.	Order-No.	Designation
Accessories for vehicle statics, additional equipment		
8	38 094 450	LP2 XL basic stanchions
9	38 094 720	Head end LP2 1700/0
10	38 101 000	Lath pocket carrier
11	70 002 768	Set of lath pockets short
12	70 002 767	Set of lath pockets long
13	70 002 322	Aluminum profile lower part (L = 7.5 m)
14	70 002 323	Aluminum profile middle part (L = 7.5 m)
-	38 100 890	Mounting kit stanchion VARIO

Curtain sider roof system

New body



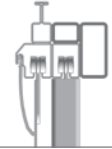
Pos.	Order-No.	Designation
Accessories for vehicle statics, additional equipment		
15	38 100 880	Rear frame VARIO
16	69 013 970	Gantry beam VP variable width
17	70 003 098	Classic Door EVO (Ba=2600 Ht=2800) - PWP Bausatz
18	70 003 332	Door panel 1st profile - Classic Door EVO
19	70 003 333	Door panel - Classic Door EVO
20	38 099 690	Assembly set rear
21	90 000 731	Steel profile sliding pillars 50/40 (L=7,8m)
22	9 0000 481	Steel profile with lug 50/40 (L=7.8m)
-	38 083 770	Screw set rear frame VARIO
-	70 003 334	Rivet set for Classic Door panel
Accessories for side tarpaulin		
23	90 000 292	Tarpaulin roller
24	3 8087 440	Profile seal 33000 x 120 black

Curtain sider roof system

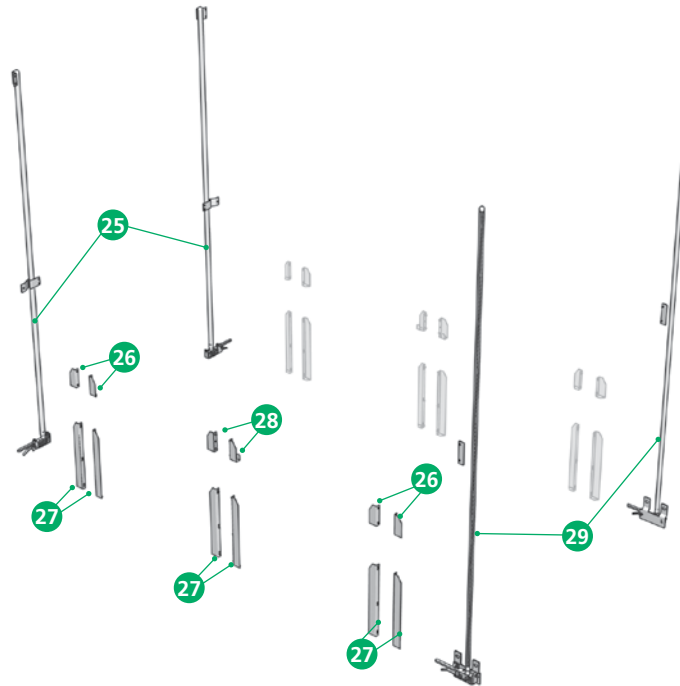
New body



Sliding pillar



Entire system rear 2/2



Pos.	Order-No.	Designation
Accessories		
25	38 099 820	Tensioning kit front wall - VARIO
26	38 082 820	Lath pockets short front
27	70 002 767	Set of lath pockets long
28	70 002 768	Set of lath pockets short
29	38 099 810	Tensioning kit rear pillar – VARIO



Curtain sider roof system: Configuration 1/2

		Body length (2550 - 7030)							
Component	Weight ~kg/St.	2550 to 3130	3200 to 3780	3850 to 4430	4500 to 5080	5150 to 5730	5800 to 6380	6450 to 7030	
Running rails									
74 611 Running rail (L=7m)	3.7 kg/m	1	2	2	2	2	2	3	
90 000 481 Steel profile with lug 50/40 (L=7.8m)	3.15 kg/m	1	1	2	2	2	2	2	
90 000 731 Steel profile sliding pillars 50/40 (L=7,8m)	2.4 Kg/m	1	1	1	1	1	1	1	
Bows									
58 325 Rectangular tube 30x30x1,5x5100 – for bow tube (30 x 30 x 1.5) (L=2278 at RW 2600)	1.3 kg/m	3	4	5	6	7	8	9	
70 002 540 Roller carriage MRS VG	0.77	6	8	10	12	14	16	18	
Folding plates									
69 001 650 Joint 650 CS Hybrid	0.2	6	8	10	12	14	16	18	
End carriages									
58 416 Rectangular tube 30x30x2x5050 – for end carriage bow tube (30 x 30 x 2) (L=2463 at RW 2600 / 2 tubes)	1.75 kg/m	2	2	2	2	2	2	2	
70 003 797 End carriage kit VARIO	13.2	1	1	1	1	1	1	1	
Rear end									
69 013 970 Gantry beam VP variable width	15.3	1	1	1	1	1	1	1	
32 283 Rectangular tube 35x35x2x5100 – for end bow tube (35 x 35 x 2) (L=2570 at RW 2600)	2.0 kg/m	1	1	1	1	1	1	1	
38 100 850 End bow kit CS/VP-VARIO	1.85	1	1	1	1	1	1	1	
Accessory kit									
38 100 830 Screw set CS-VARIO up to 8 m (11 bows)	3.8	1	1	1	1	1	1	1	
38 100 840 Screw set CS-VARIO up to 13.6m (19 bows)	4.3	0	0	0	0	0	0	0	
Tie rod									
69 016 130 Tie rod	3	1	1	1	1	1	1	1	
Front wall									
38 100 860 VARIO front wall kit	171.4	1	1	1	1	1	1	1	
38 100 870 VARIO front wall screw set	1.9	1	1	1	1	1	1	1	
38 099 650 Mounting kit front wall VARIO	5.6	1	1	1	1	1	1	1	
Option: 70 002 322 Aluminum profile lower part (L = 7.5 m) for Aluminum profile lower part (front frame)	2.7 kg/m								
Option: 70 002 323 Aluminum profile middle part (L = 7.5 m) for Aluminum profile middle part (front frame)	2.7 kg/m								
Option: 70 003 334 Rivet set for Classic Door panel	0.35	1	1	1	1	1	1	1	

Curtain sider roof system: Configuration 1/2

Body length (7100 - 16780)															
	7100 to 7680	7750 to 8330	8400 to 8980	9050 to 9630	9700 to 10280	10350 to 10930	11000 to 11580	11650 to 12230	12300 to 12880	12950 to 13530	13600 to 14180	14250 to 14830	14900 to 15480	15550 to 16130	16200 to 16780
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	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48
	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48
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Continue on next page

Curtain sider roof system: Configuration 2/2

		Body length (2550 - 7030)							
Component	Weight ~kg/St.	2550 to 3130	3200 to 3780	3850 to 4430	4500 to 5080	5150 to 5730	5800 to 6380	6450 to 7030	
Rear gantry									
38 100 880 Rear frame VARIO	88.8	1	1	1	1	1	1	1	
38 083 770 Screw set rear frame VARIO	1.6	1	1	1	1	1	1	1	
38 099 690 Assembly set rear	4.8	1	1	1	1	1	1	1	
Stanchions									
38 094 450 LP2 XL basic stanchions	18.3	0	2	2	2	2	2	4	
38 094 650 Head end LP 1200/45	7.6	0	2	2	2	2	2	4	
38 100 890 Mounting kit stanchion VARIO (for 1 stanchion)	2.4	0	2	2	2	2	2	4	
Option (1x per stanchion: 38 101 000 Lath pocket carrier	1.5	0	2	2	2	2	2	4	
Tarpaulin mounting									
64 012 240 Tarpaulin mounting kit with rain strip	2.5	1	1	1	1	1	1	1	
Doors option									
70 003 098 Classic Door EVO (Ba=2600 Ht=2800) - PWP Kit	98	1	1	1	1	1	1	1	
70 002 322 Aluminum profile lower part (L = 7.5 m) for 70 003 332 Door panel 1st profile - Classic Door EVO	2.7 kg/m								
70 002 323 Aluminum profile middle part (L = 7.5 m) for 70 003 333 Door panel - Classic Door EVO	2.7 kg/m								
70 003 334 Rivet set for Classic Door panel	0.35	1	1	1	1	1	1	1	

Curtain sider roof system: Configuration 2/2

	Body length (7100 - 16780)														
	7100 to 7680	7750 to 8330	8400 to 8980	9050 to 9630	9700 to 10280	10350 to 10930	11000 to 11580	11650 to 12230	12300 to 12880	12950 to 13530	13600 to 14180	14250 to 14830	14900 to 15480	15550 to 16130	16200 to 16780
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OpenBox roof system

Bracket / Extension body

Sliding floor vehicle



OpenBox sytem: Configuration 1/2

		Body length (2655 - 7065)							
Component	Weight ~kg/St.	2655 to 3165	3305 to 3815	3955 to 4465	4605 to 5115	5255 to 5765	5905 to 6415	6555 to 7065	
Running rails									
64 008 920 End rail 2.4m	8.7	2	2	2	4	4	4	4	
64 008 930 Running rail 2.4m	8.7	2	2	2	2	2	2	2	
38 100 980 Rail holder set 50 mm OpenBox	1.3	3	3	3	4	4	4	4	
Option for 90 mm frame: 38 100 990 Rail holder set 90 mm OpenBox	1.5	3	3	3	4	4	4	4	
38 100 970 OpenBox drilling template kit (Mounting aid for running rail holder)	0,8								
Bows									
58 325 Rectangular tube 30x30x1,5x5100 – for bow tube (30 x 30 x 1.5) (L=2278 at RW 2600)	1.3 kg/m	3	4	5	6	7	8	9	
70 002 540 Roller carriage MRS VG	0.77	6	8	10	12	14	16	18	
Folding plates									
69 001 650 Joint 650 CS Hybrid	0.2	6	8	10	12	14	16	18	
End carriages									
58 416 Rectangular tube 30x30x2x5050 – for end carriage bow tube (30 x 30 x 2) (L=2463 at RW 2600 / 2 tubes)	1.75 kg/m	2	2	2	2	2	2	2	
70 003 797 End carriage kit VARIO	13.2	1	1	1	1	1	1	1	
70 003 549 Rail clearing set OpenBox	0.21	1	1	1	1	1	1	1	
38 100 960 Locking kit OB-VARIO	0.29	1	1	1	1	1	1	1	
Rear end									
70003550 End bow tube (55 x 34 x 2) (L=2570 at RW 2600)	2.6 kg/m	1	1	1	1	1	1	1	
38 100 930 End bow kit OpenBox-VARIO	1.9	1	1	1	1	1	1	1	
Front end									
58 416 Rectangular tube 30x30x2x5050 – for front wall bow tube (30 x 30 x 2) (L=2235 at RW 2600)	1.75 kg/m	1	1	1	1	1	1	1	
Accessory kit									
38 100 940 Screw set OB-VARIO up to 8 m (11 bows)	3.6	1	1	1	1	1	1	1	
38 100 950 Screw set OP-VARIO up to 13.6 m (19 bows)	4.1	0	0	0	0	0	0	0	

OpenBox sytem: Configuration 1/2

	Body length (7205 - 16815)														
	7205 to 7715	7855 to 8365	8505 to 9015	9155 to 9665	9805 to 10315	10455 to 10965	11105 to 11615	11755 to 12265	12405 to 12915	13055 to 13565	13705 to 14215	14355 to 14865	15005 to 15515	15655 to 16165	16305 to 16815
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Continue on next page

OpenBox sytem: Configuration 2/2

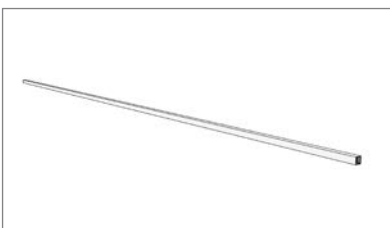
		Body length (2655 - 7065)							
Component	Weight ~kg/St.	2655 to 3165	3305 to 3815	3955 to 4465	4605 to 5115	5255 to 5765	5905 to 6415	6555 to 7065	
Tie rod									
69 016 130 Tie rod	3	1	1	1	1	1	1	1	
Tarpaulin mounting									
64 012 240 Tarpaulin mounting kit with rain strip	2.5	1	1	1	1	1	1	1	
Canopy sliding over option									
70 003 547 (400 mm surplus) Front cover 400/2600mm OpenBox-VARIO	10	1	1	1	1	1	1	1	
70 003 547 (800 mm surplus) Front cover 400/2600mm OpenBox-VARIO	10	2	2	2	2	2	2	2	
70 003 547 (1200 mm surplus) Front cover 400/2600mm OpenBox-VARIO	10	3	3	3	3	3	3	3	

OpenBox sytem: Configuration 2/2

	Body length (7205 - 16815)														
	7205 to 7715	7855 to 8365	8505 to 9015	9155 to 9665	9805 to 10315	10455 to 10965	11105 to 11615	11755 to 12265	12405 to 12915	13055 to 13565	13705 to 14215	14355 to 14865	15005 to 15515	15655 to 16165	16305 to 16815
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Roof, accessories and structural components

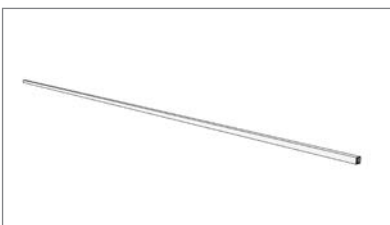


Order No. 32 283

Rectangular tube 35x35x2x5100

VP	CS	OB
●	●	

Pieces: 1 | 5 | 50

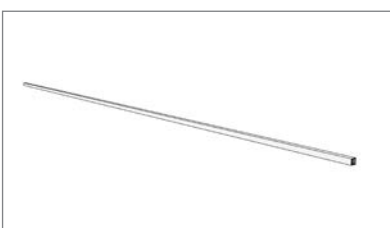


Order No. 58 325

Rectangular tube 30x30x1,5x5100

VP	CS	OB
●	●	●

Pieces: 1 | 75 | 750



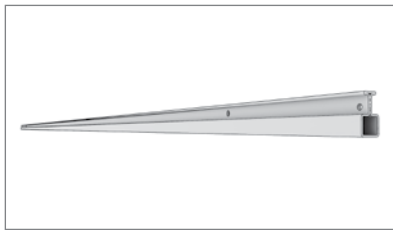
Order No. 58 416

Rectangular tube 30x30x2x5050

VP	CS	OB
●	●	●

Pieces: 1 | 10 | 100

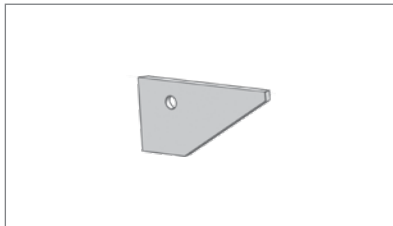
Roof, accessories and structural components


Order No. 74 611

Running rail (L=7m)

VP	CS	OB
●	●	

Pieces: 1 | 50 | 300


Order No. 37 010 310

Corner plate

VP	CS	OB
●	●	

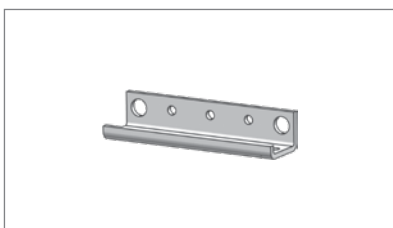
Pieces: 1 | 20 | 200


Order No. 38 030 640

Support connection front

VP	CS	OB
●	●	

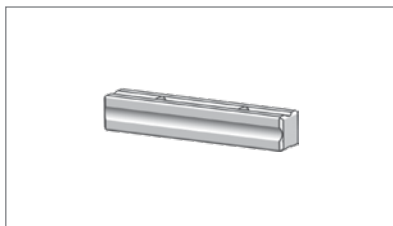
Pieces: 1 | 20 | 200


Order No. 38 030 700

Support connection centre

VP	CS	OB
●	●	

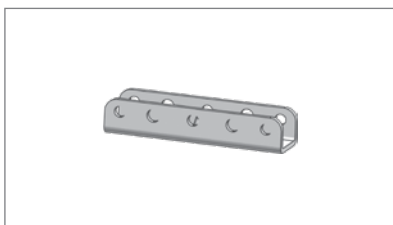
Pieces: 1 | 20 | 200


Order No. 38 030 720

Connection bolt with thread M 10

VP	CS	OB
●	●	

Pieces: 1 | 50 | 500


Order No. 38 032 360

End support connection with bolt

VP	CS	OB
●	●	

Pieces: 1 | 20 | 200


Order No. 38 082 820

Lath pockets short front

VP	CS	OB
	●	

Pieces: 1 | 20 | 200

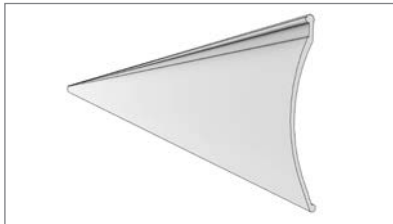
Roof, accessories and structural components


Order No. 38 083 770

Screw set rear frame VARIO

VP	CS	OB
●	●	

Pieces: 1 | 10 | 100


Order No. 38 087 440

Profile seal 33000 x 120 black

VP	CS	OB
	●	

Pieces: 1 | 5 | -


Order No. 38 094 450

LP2 XL basic stanchions

VP	CS	OB
●	●	

Pieces: 1 | 50 | 500


Order No. 38 094 650

Head end LP 1200/45

VP	CS	OB
	●	

Pieces: 1 | 50 | 500


Order No. 38 094 720

Head end LP2 1700/0

VP	CS	OB
●		

Pieces: 1 | 50 | 500


Order No. 38 099 650

Mounting kit front wall VARIO

VP	CS	OB
●	●	

Pieces: 1 | 10 | 100


Order No. 38 099 690

Assembly set rear

VP	CS	OB
	●	

Pieces: 1 | 10 | 100

Roof, accessories and structural components


Order No. 38 099 810

Tensioning kit rear pillar – VARIO

VP	CS	OB
----	----	----



Pieces: 1 | - | -

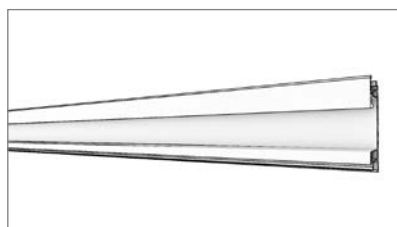

Order No. 38 099 820

Tensioning kit front wall - VARIO

VP	CS	OB
----	----	----



Pieces: 1 | - | -

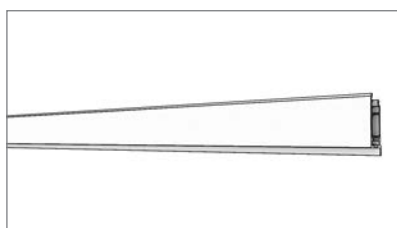

Order No. 38 100 140

Dropside profile center part (L = 7,5 m)

VP	CS	OB
----	----	----



Pieces: 1 | - | -

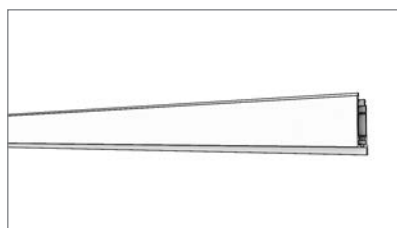

Order No. 38 100 141

Dropside profile top part (L = 7,5 m)

VP	CS	OB
----	----	----



Pieces: 1 | - | -

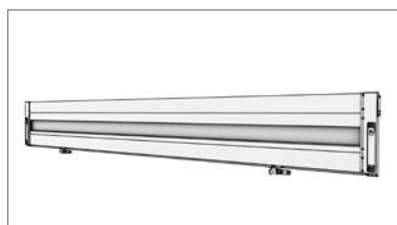

Order No. 38 100 150

Dropside profile bottom part (L = 7,5 m)

VP	CS	OB
----	----	----



Pieces: 1 | - | -


Order No. 38 100 260

Dropside accessory set (1x per dropside)

VP	CS	OB
----	----	----



Pieces: 1 | 50 | 500


Order No. 38 100 830

Screw set CS-VARIO up to 8 m (11 bows)

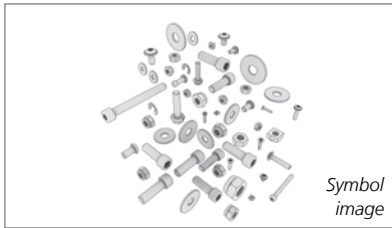
VP	CS	OB
----	----	----



Pieces: 1 | 10 | 100

*Symbol
image*

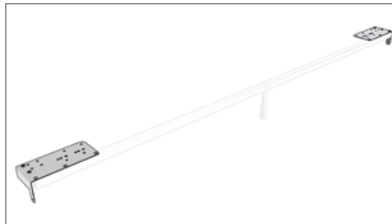
Roof, accessories and structural components


Order No. 38 100 840

Screw set CS-VARIO up to 13.6m (19 bows)

VP	CS	OB
	●	

Pieces: 1 | 10 | 100


Order No. 38 100 850

End bow kit CS/VP-VARIO

VP	CS	OB
●	●	

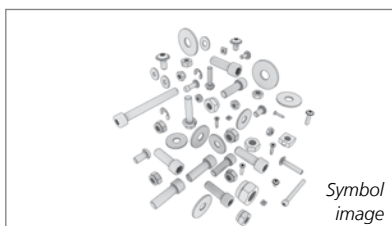
Pieces: 1 | 5 | 50


Order No. 38 100 860

VARIO front wall kit

VP	CS	OB
●	●	

Pieces: 1 | 10 | 100


Order No. 38 100 870

VARIO front wall screw set

VP	CS	OB
●	●	

Pieces: 1 | 10 | 100


Order No. 38 100 880

Rear frame VARIO

VP	CS	OB
●	●	

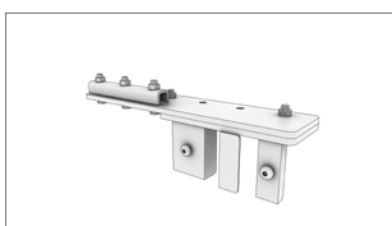
Pieces: 1 | 10 | 100


Order No. 38 100 890

Mounting kit stanchion VARIO

VP	CS	OB
●	●	

Pieces: 1 | 50 | 500

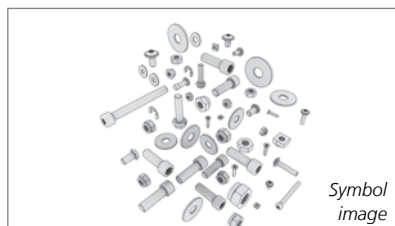

Order No. 38 100 900

Mounting kit rear stanchion VP-VARIO

VP	CS	OB
	●	

Pieces: 1 | 10 | 100

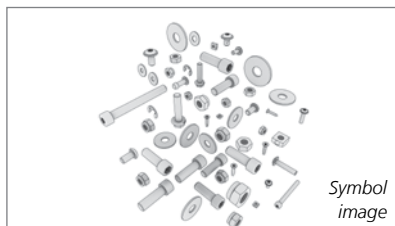
Roof, accessories and structural components


Order No. 38 100 910

Screw set VP-VARIO up to 8 m (11 bows)

VP	CS	OB
●		

Pieces: 1 | 10 | 100


Order No. 38 100 920

Screw set VP-VARIO up to 13.6m (19 bows)

VP	CS	OB
●		

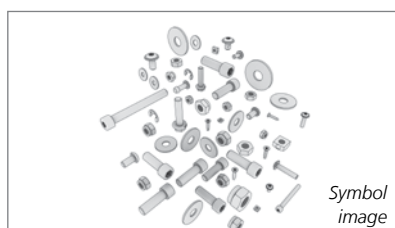
Pieces: 1 | 10 | 100


Order No. 38 100 930

End bow kit OpenBox-VARIO

VP	CS	OB
		●

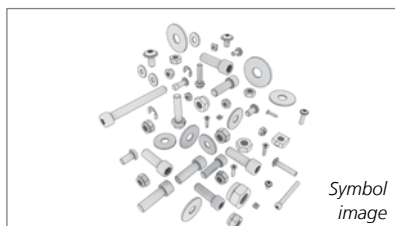
Pieces: 1 | 10 | 100


Order No. 38 100 940

Screw set OB-VARIO up to 8 m (11 bows)

VP	CS	OB
		●

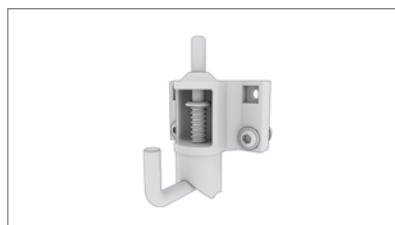
Pieces: 1 | 10 | 100


Order No. 38 100 950

Screw set OP-VARIO up to 13.6 m (19 bows)

VP	CS	OB
		●

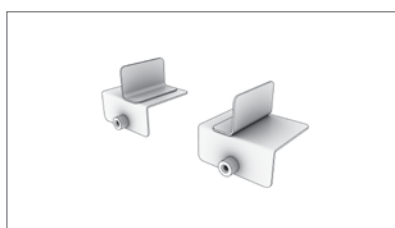
Pieces: 1 | 10 | 100


Order No. 38 100 960

Locking kit OB-VARIO

VP	CS	OB
		●

Pieces: 1 | 10 | 100

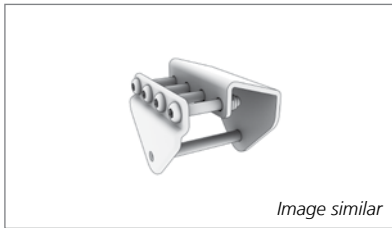

Order No. 38 100 970

OpenBox drilling template kit

VP	CS	OB
		●

Pieces: 1 | 10 | 100

Roof, accessories and structural components


Order No. 38 100 980

Rail holder set 50 mm OpenBox

VP	CS	OB
		●

Pieces: 1 | 10 | 100


Order No. 38 100 990

Rail holder set 90 mm OpenBox

VP	CS	OB
		●

Pieces: 1 | 10 | 100


Order No. 38 101 000

Lath pocket carrier

VP	CS	OB
●	●	

Pieces: 1 | 250 | 2500


Order No. 64 008 920

End rail 2.4m

VP	CS	OB
		●

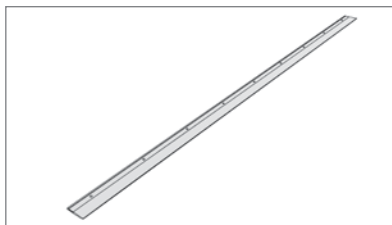
Pieces: 1 | 20 | 200


Order No. 64 008 930

Running rail 2.4m

VP	CS	OB
		●

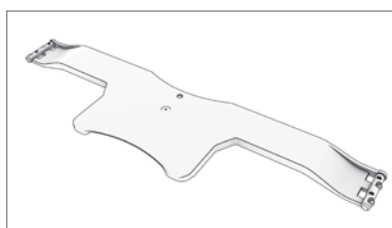
Pieces: 1 | 50 | 500


Order No. 64 012 240

Tarpaulin mounting kit with rain strip

VP	CS	OB
●	●	●

Pieces: 1 | 10 | 100

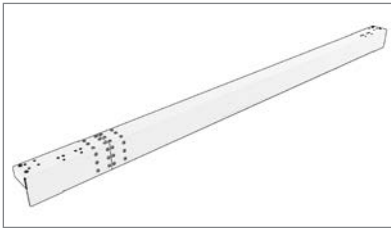

Order No. 69 001 650

Joint 650 CS Hybrid

VP	CS	OB
●	●	●

Pieces: 1 | 500 | 3000

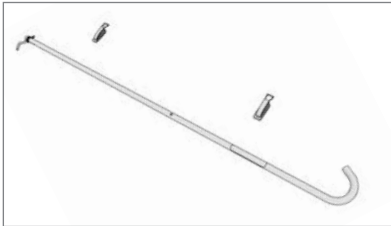
Roof, accessories and structural components


Order No. 69 013 970

Gantry beam VP variable width

VP	CS	OB
●	●	

Pieces: 1 | 10 | 100


Order No. 69 016 130

Tie rod

VP	CS	OB
●	●	●

Pieces: 1 | 10 | 125


Order No. 70 002 540

Roller carriage MRS VG

VP	CS	OB
●	●	●

Pieces: 1 | 300 | 3000


Order No. 70 002 767

Set of lath pockets long

VP	CS	OB
●	●	

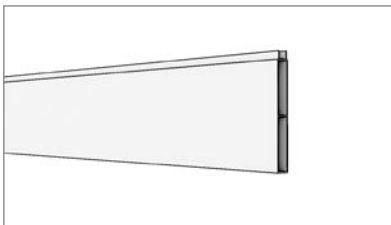
Pieces: 1 | 250 | 2500


Order No. 70 002 768

Set of lath pockets short

VP	CS	OB
●	●	

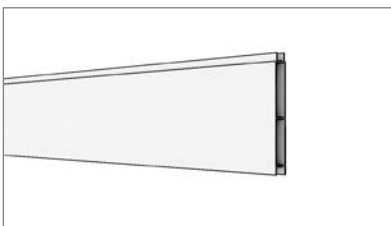
Pieces: 1 | 250 | 2500


Order No. 70 002 322

Aluminum profile lower part (L = 7.5 m)

VP	CS	OB
●	●	

Pieces: 1 | - | -


Order No. 70 002 323

Aluminum profile middle part (L = 7.5 m)

VP	CS	OB
●	●	

Pieces: 1 | - | -

Roof, accessories and structural components


Order No. 70 003 098

Classic Door EVO (Ba=2600 Ht=2800) - PWP Kit

VP	CS	OB
●	●	

Pieces: 1 | - | -


Order No. 70 003 332

Door panel 1st profile - Classic Door EVO

VP	CS	OB
●	●	

Pieces: 1 | - | -


Order No. 70 003 333

Door panel - Classic Door EVO

VP	CS	OB
●	●	

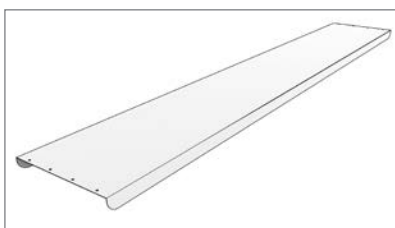
Pieces: 1 | - | -


Order No. 70 003 334

Rivet set for Classic Door panel

VP	CS	OB
●	●	

Pieces: 1 | 10 | 100


Order No. 70 003 547

Front cover 400/2600mm OpenBox-VARIO

VP	CS	OB
		●

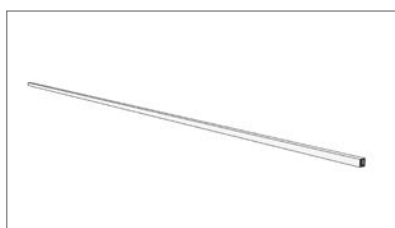
Pieces: 1 | 10 | 100


Order No. 70 003 549

Rail clearing set OpenBox

VP	CS	OB
		●

Pieces: 1 | 10 | 100

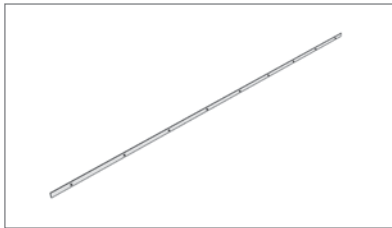

Order No. 70 003 550

End bow tube (55 x 34 x 2) (L=2570 at RW 2600)

VP	CS	OB
		●

Pieces: 1 | - | -

Roof, accessories and structural components

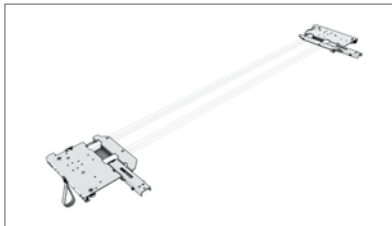

Order No. 70 003 695

ALU strip kit for tarpaulin attachment VP-VARIO

VP

CS
OB

Pieces: 1 | 10 | 100


Order No. 70 003 797

End carriage kit VARIO

VP

CS

OB

Pieces: 1 | 10 | 100

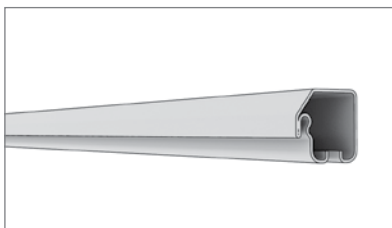

Order No. 90 000 292

Tarpaulin roller

VP

CS
OB

Pieces: 1 | 300 | 3000

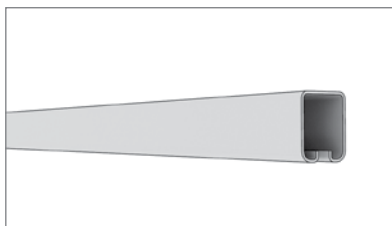

Order No. 90 000 481

Steel profile with lug 50/40 (L=7.8m)

VP

CS
OB

Pieces: 1 | 30 | 300


Order No. 90 000 731

Steel profile sliding pillars 50/40 (L=7,8m)

VP

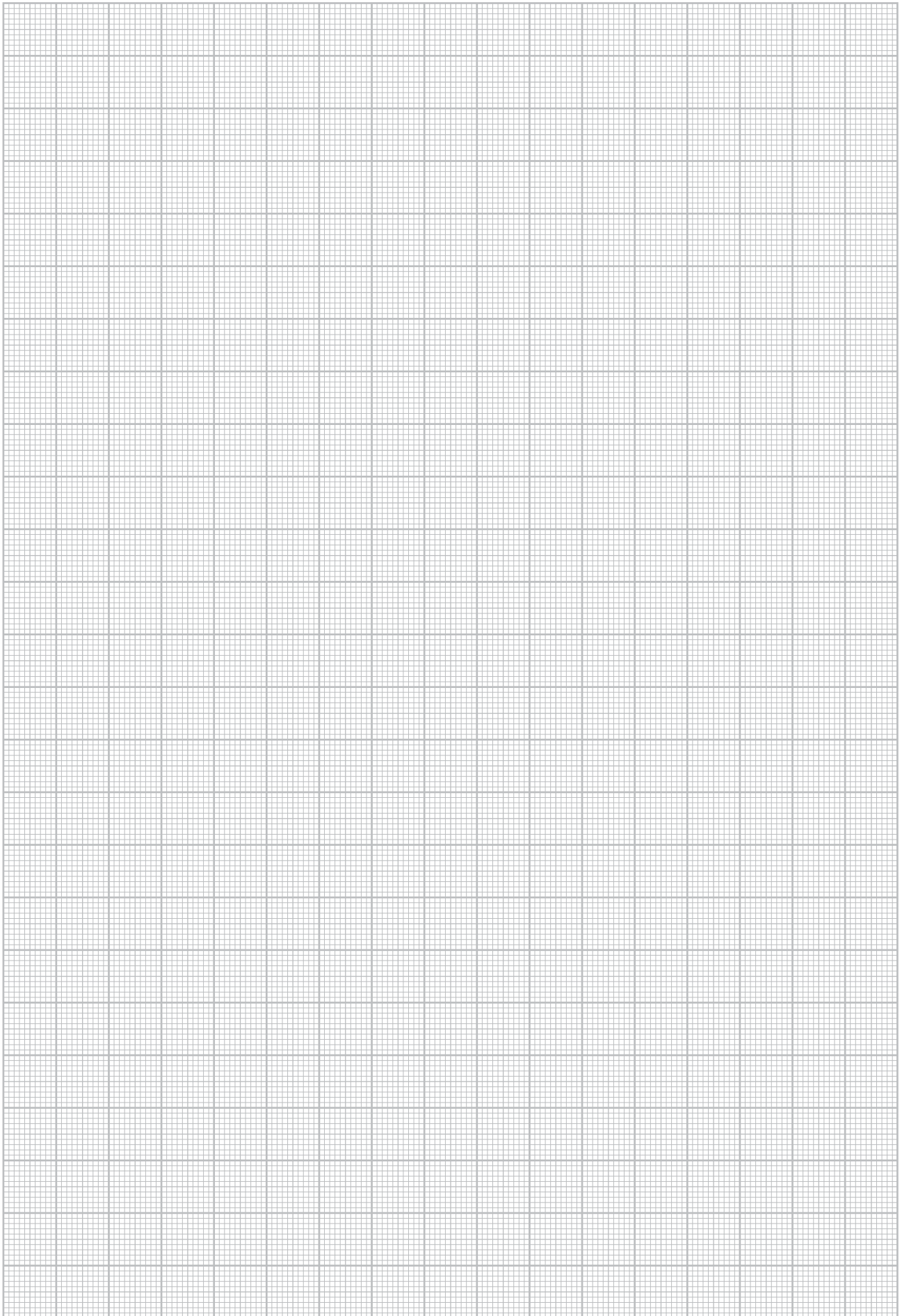
CS
OB

Pieces: 1 | 30 | 300

Notes

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.A full-page sheet of white graph paper featuring a uniform grid of thin, light gray horizontal and vertical lines. The grid consists of small squares covering the entire area of the page.

Sketches





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