

Work platforms, construction hoists, and loading machines

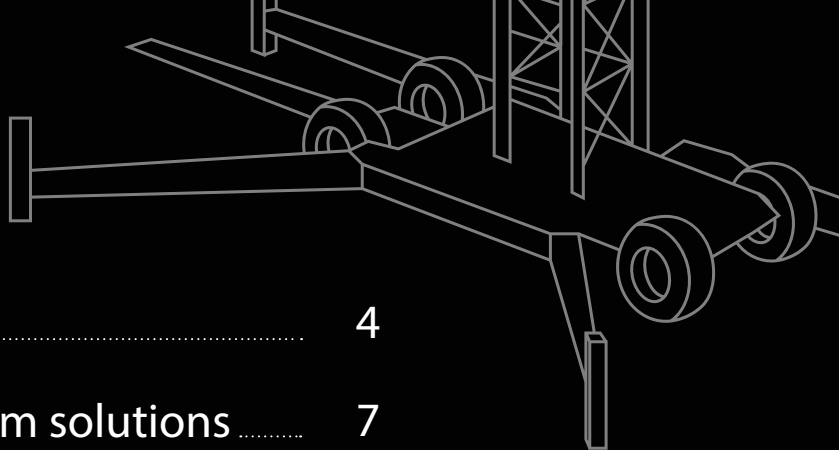
Customized solutions create
perfect conditions for craftsmen
on construction and renovation tasks.



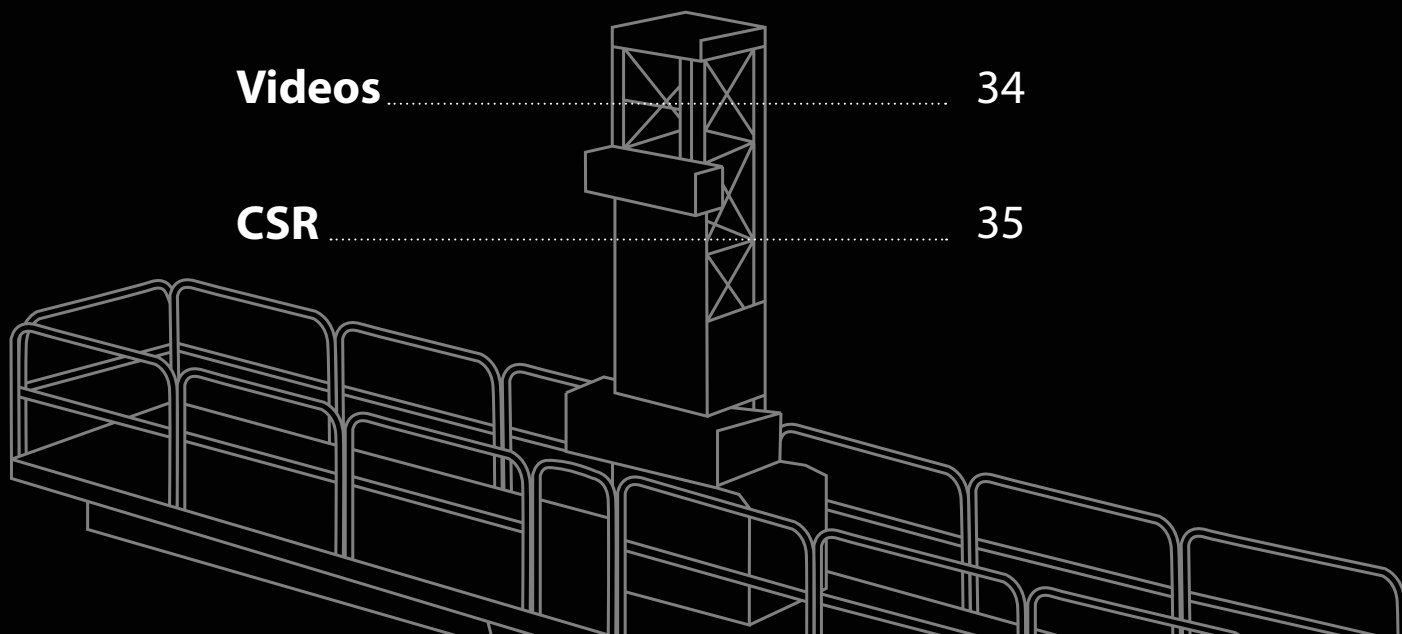
Platform.as is a quality- and service-oriented company that designs and rents out work platforms and hoists for construction and renovation projects throughout Denmark.

At Platform.as, our sales consultants and project managers help you combine platforms and hoists into solutions that best support your specific task, taking into account all the factors at play when you are building or renovating at height. Our skilled and service-minded fitters and drivers, all experienced in mounting a multitude of different solutions exactly as agreed, along with the rest of our organization, guarantee that the work platforms and hoists integrate optimally with the other activities on the construction site - and make a positive contribution to the overall project economy.

We are Denmark's largest lessor of work platforms and among the largest lessors of personnel and material hoists. But we do more than just rent out equipment. We offer a 360-degree collaboration that includes inspection, design, delivery, assembly, relocation, collection, and service as needed.



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Work platforms



Improved ergonomics and working environment, faster and more efficient workflows, happy craftsmen, increased work safety, better flow and less clutter at the construction site, flexible solutions, resident-friendly during renovations, and much more.

Work platforms are well-suited for almost all types of facade work, and they can be used in almost all kinds of weather. Platform solutions can be erected at any desired height and are mobile, so they can easily be moved as needed. The use of work platforms significantly enhances the work environment and safety, and the craftsmen are enthusiastic about the machines.

More and more contractors and master craftsmen have realized this, so today they choose work platforms for carrying out, for example, masonry, insulation, painting, sealing, and inspection work or for installing windows, doors, facade panels, and balconies.

Work platforms have the capacity for several people to work simultaneously, lifting materials and tools up and down for the crew. When **craftsmen** work on a mobile work platform, they can continuously **adjust the height to avoid strenuous work heights** and unsafe work positions. The platform can even be driven down to the ground, where it is easily loaded with the materials needed for the job. This way, craftsmen avoid exposing their bodies to many and inappropriate heavy lifts.

At Platform.as, we costum-makes platform solutions for specific construction and renovation tasks. Regardless of whether the platforms need to move up and down a straight facade, be mounted around a corner of a building, be used in connection with a round construction, or something entirely fourth or fifth. The work platforms can also be built with various types of consoles and special decks, so they can also be used when there are protrusions in the facade, for example, cornices, bay windows, and balconies.

In short. **We solve all types of tasks** that can be done with a platform solution. We take care of all the practicalities, so you can concentrate on what's most important - your construction or renovation project. **So, take us into consideration** when you're about to perform a facade task.





We can design platform solutions that fit almost all construction and renovation tasks. For example, around a round building, a corner, or something completely different. Contact us for a custom-made solution - even if you need setups other than the shown examples.

Examples of platform solutions

Work platforms can be set up and custom-built in many different ways. And a wide range of accessories can be integrated into our platform solutions, which again adds a lot of new possibilities.

Therefore, work platforms can almost **always replace traditional scaffolding** - and at the same time **give the work environment and project economy a serious boost.**

We are often asked if work platforms can be used on round and angled facades, on facades with protruding entrances and facades with various projections, such as cornices, bay windows, balconies, etc. Of course, they can!

Our platform solutions can be adapted to fit almost all facade tasks.

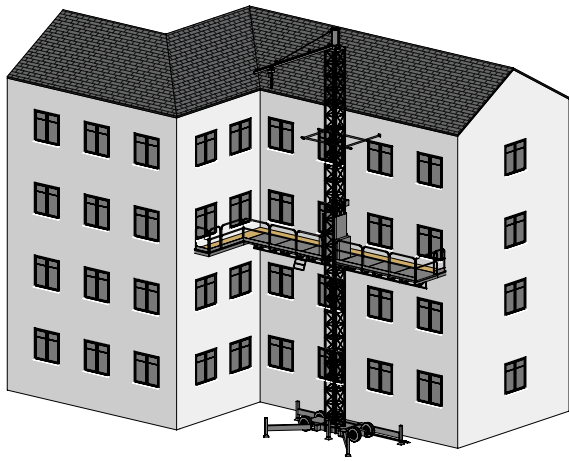
We constantly strive to optimize the way we design and mount our work platforms, so we can reach out wider with our solutions, make more efficient use of work platforms, and increase the quality of our work. And not least, offer our customers new and attractive ways to use work platforms.

As something new, we have started designing solutions where we mount work platforms on top of a scaffolding construction, which is built as a natural passage under the platforms. This means that we can to a greater extent design solutions that can be set up on busy sidewalks. The city's citizens can freely and undisturbed move back and forth under the work platforms, while the craftsmen can perform their facade work above on mobile and flexible work platforms.

Work platforms are increasingly being **used for roof protection**, where the platforms are locked at the roof base. Compared to traditional scaffolding, the craftsmen get a **much larger area to work on** - and much better space for storing materials and tools. People can also move freely around the roof base, as they are not hindered by vertical scaffolding poles.

It is also possible to mount **two work platforms on one mast**, where the platforms independently move up and down the mast. Another solution is to lock one platform at the roof base, so that **roof work can be performed simultaneously with facade work.**

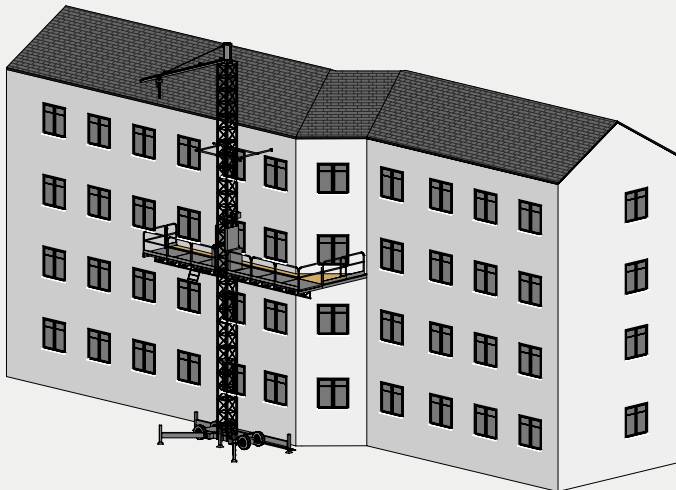
On the following pages, **examples of facade types and matching platform solutions** are shown. If you don't find a solution that matches your construction or renovation project, contact us - and let's together find the best platform solution for your project.



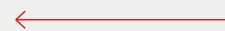
You have a building where the facade forms a right angle:



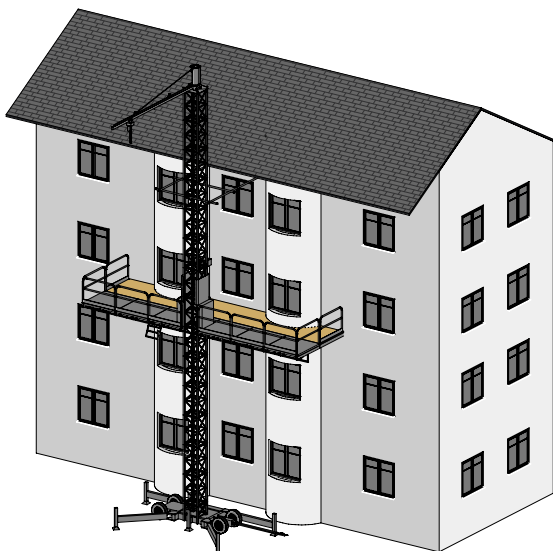
We mount the work platform with a plywood deck console that fits the right angle.



You have a building where the facade continues in an inward sloping angle:



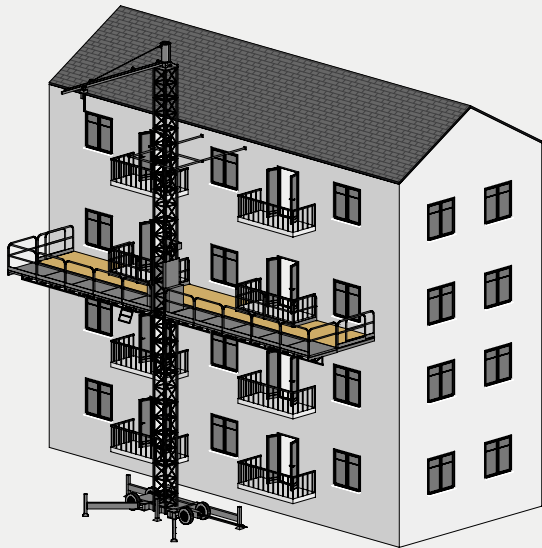
We mount the work platform with a plywood deck console that is adapted to the shape of the facade.



You have a building with two round bay windows on the facade:

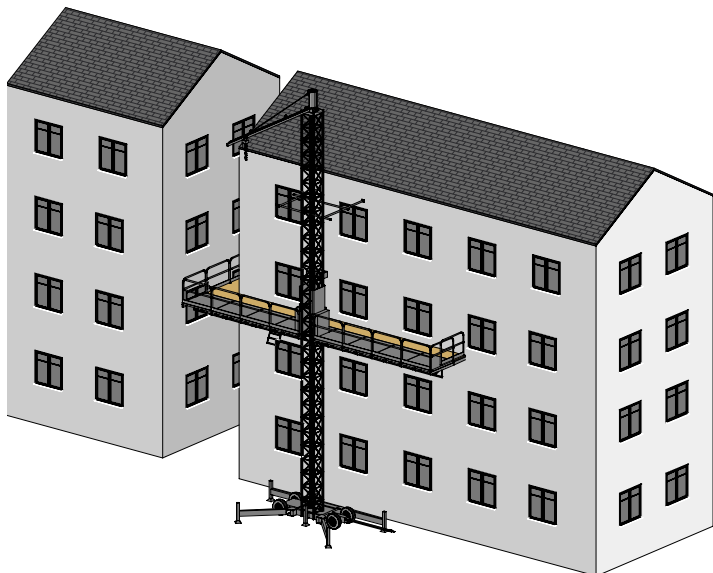


We adjust the plywood deck on the work platform so that the deck fits around the bay windows.



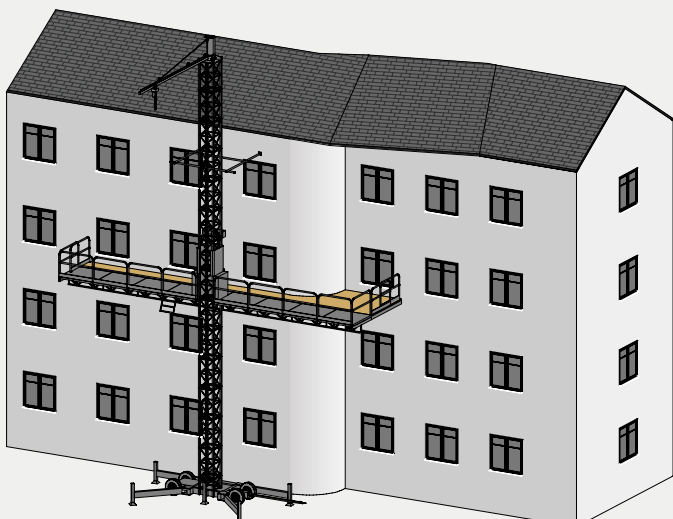
You have a building where balconies are mounted on the facade:

We adjust the plywood deck so that the work platform can move past the balconies, and mount railings around the cutouts in the plywood deck.



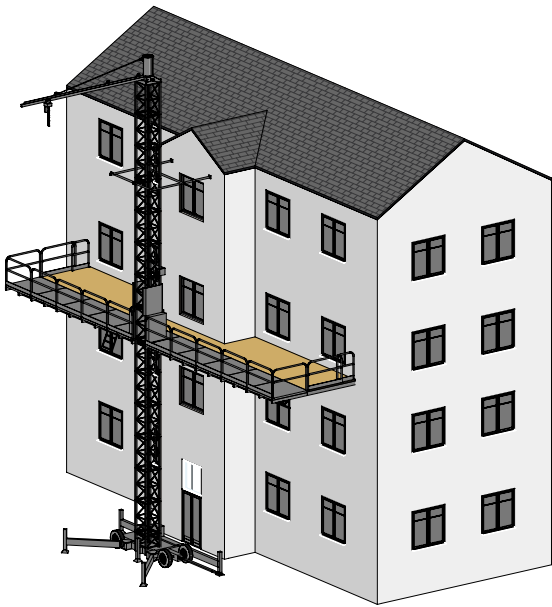
You have a building where work needs to be done on the facade and gable at the same time:

We mount a work platform with a plywood deck console that reaches around the gable.



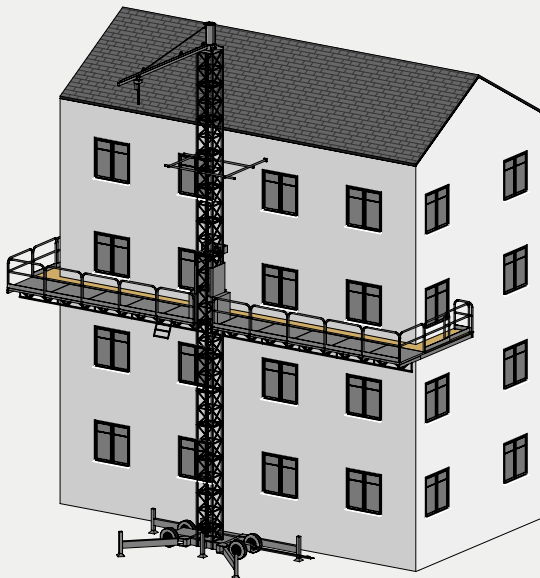
You have a building where part of the facade is an inward curve:

We mount the work platform with a plywood deck console that is adapted to the curved part of the facade.



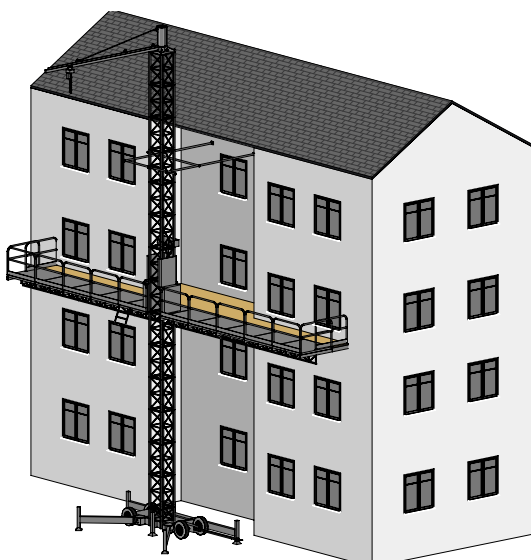
You have a building where the entrance is protruding:

We adjust the plywood deck on the work platform so that the deck fits around the entrance area.



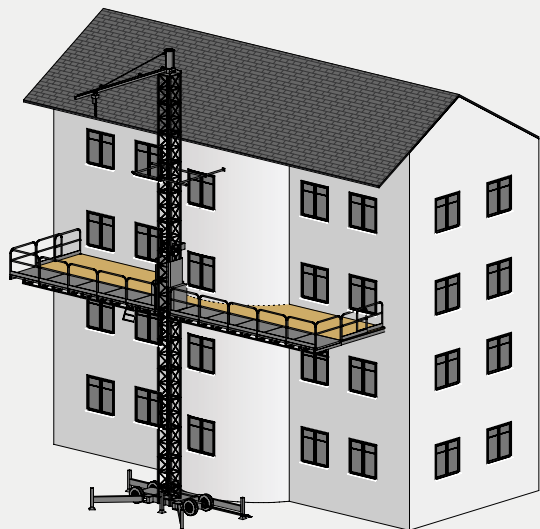
You have a building where work needs to be done on a facade and two gables at the same time:

We mount a work platform with two plywood deck consoles - one on each gable.



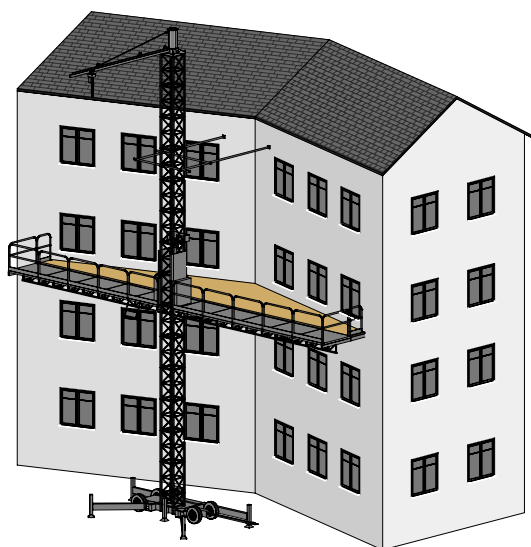
You have a building where part of the facade is recessed:

We adjust the plywood deck on the work platform so that the deck fits the shape of the facade.



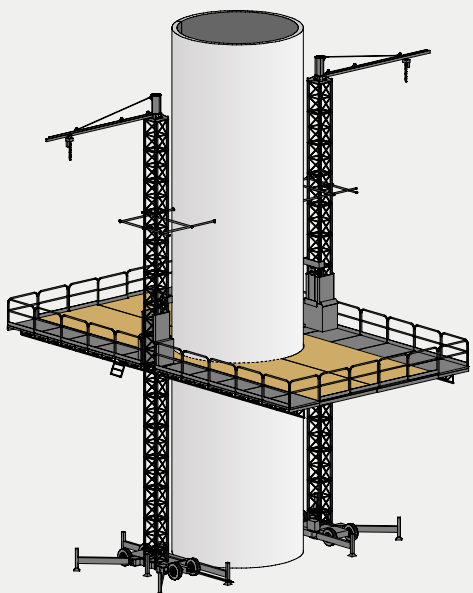
You have a building where part of the facade is a protruding curve:

We adjust the plywood deck on the work platform so that the deck fits around the curve.



You have a building where the facade forms a recessed angle:

We adjust the plywood deck on the work platform so that the deck fits into the angle of the facade.



You have a round building, chimney, or similar:

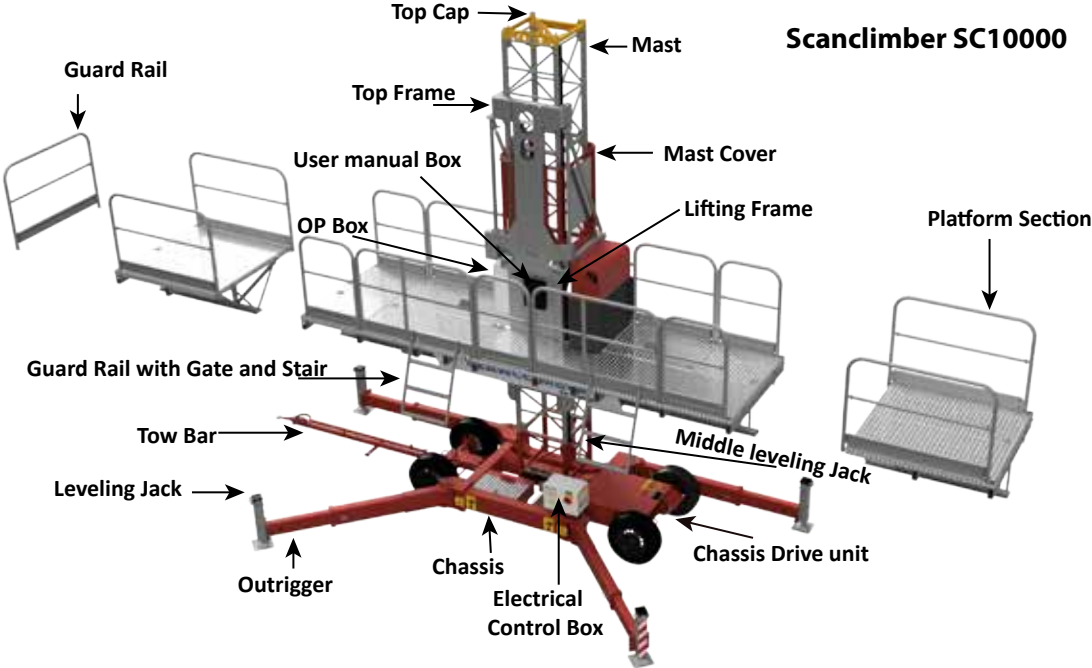
We adjust the plywood deck on the platform solution so that the deck reaches all the way around the building.

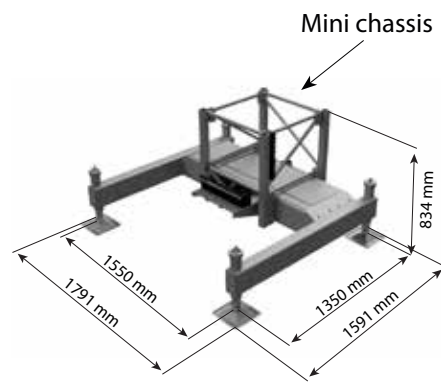
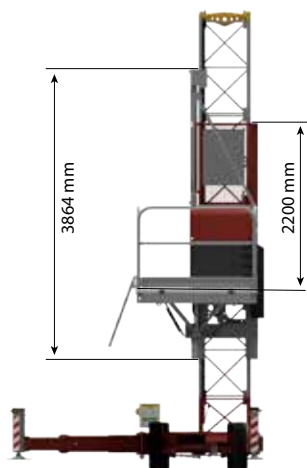
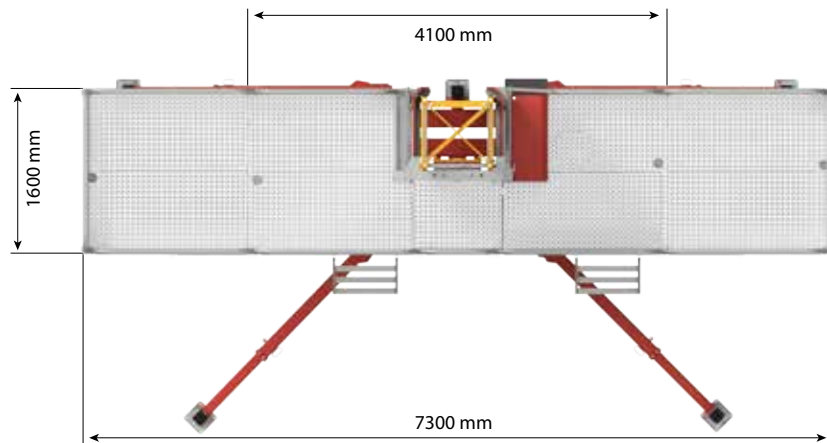
Standard sizes and terminology

In the following pages, work platforms are shown from various angles and set up in the three standard configurations: H-, K-, and X-position.

To better communicate with our customers in day-to-day conversations, we have produced a drawing with terminology that explains a wide range of parts on a work platform.

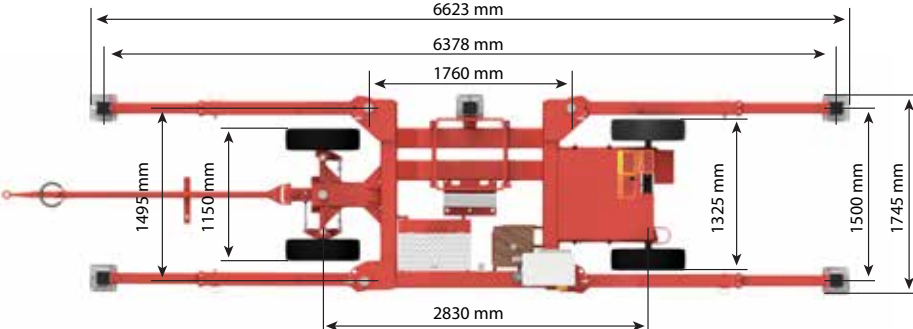
The drawings also contain many useful standard sizes that you can use when planning to use our work platforms for your facade project.



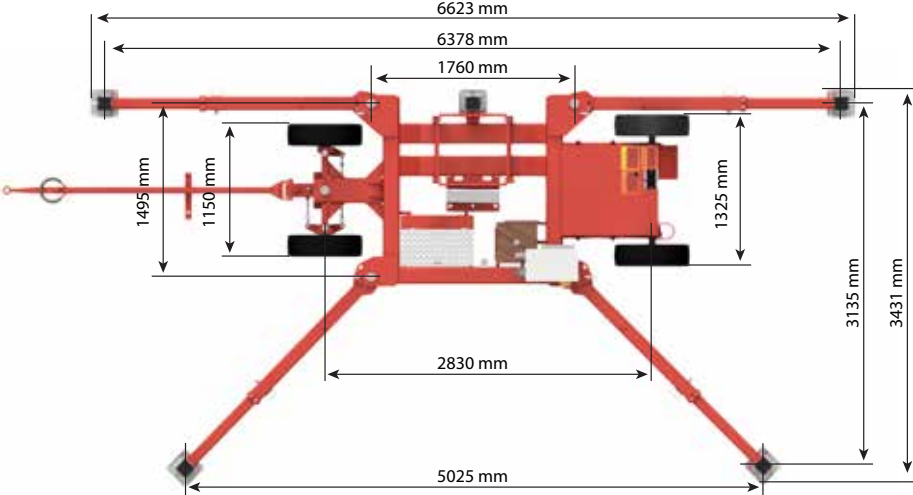


H-, K- og X-position / long configuration

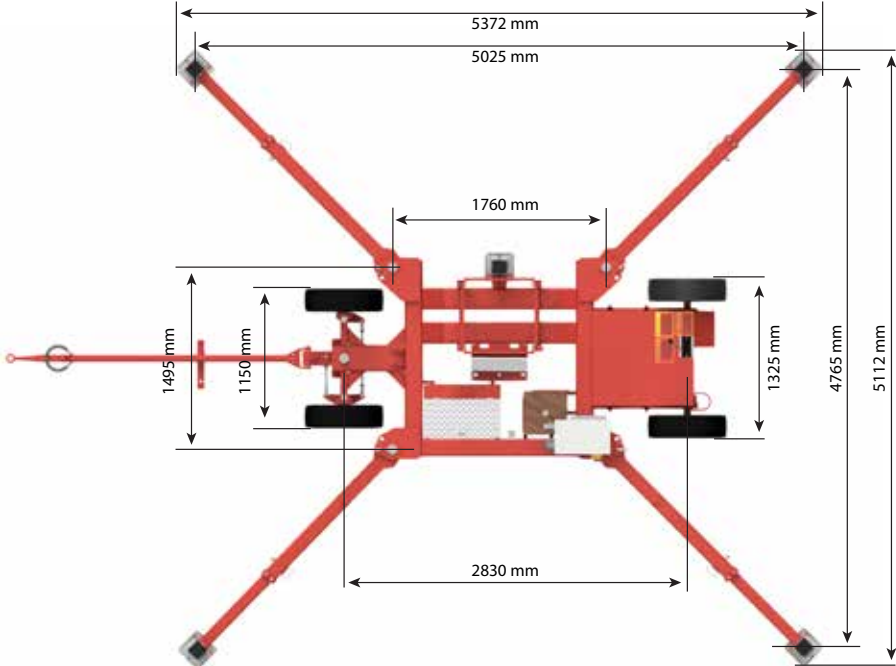
H-position (outrigger in long configuration)



K-position (outrigger in long configuration)

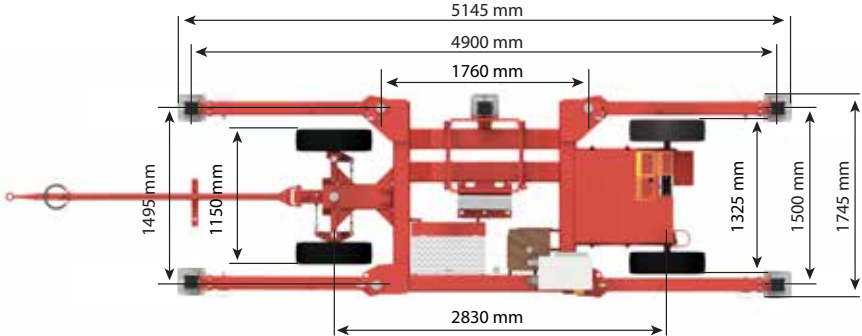


X-position (outrigger in long configuration)

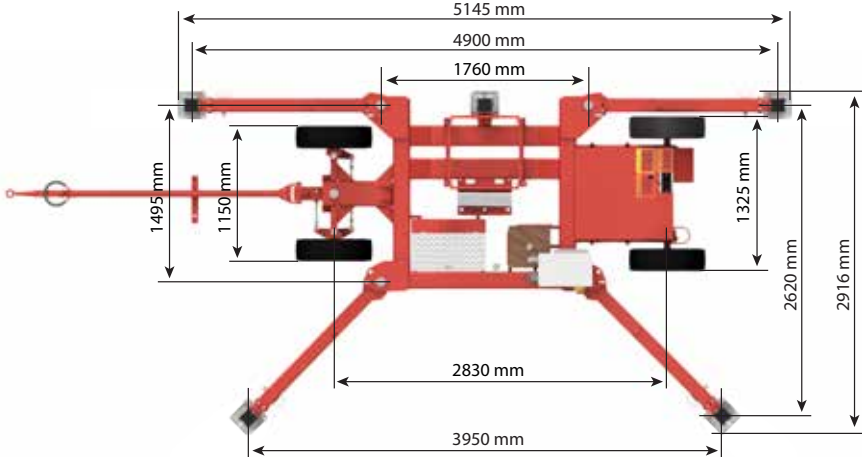


H-, K- og X-position / short configuration

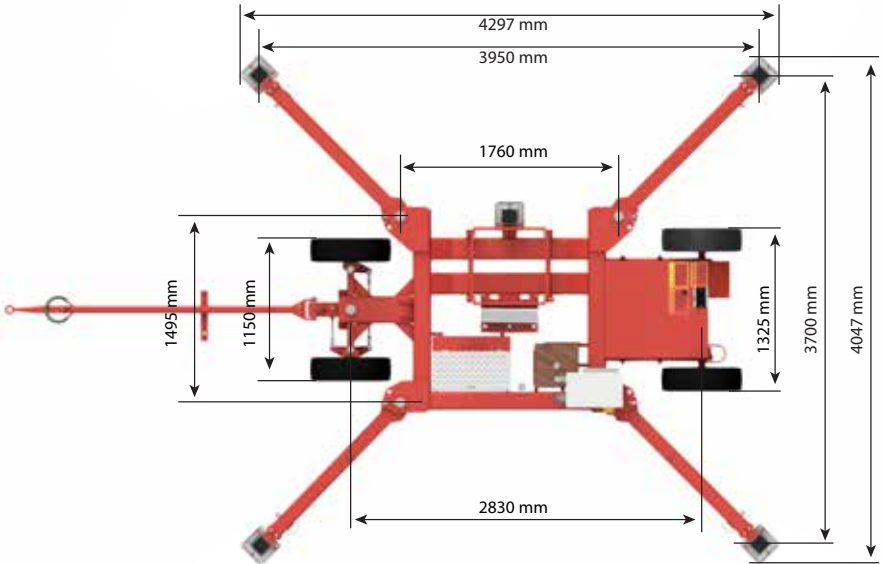
H-position (outrigger in short configuration)



K-position (outrigger in short configuration)



X-position (outrigger in short configuration)



Safety & Service

Platform.as has over 350 reliable working platforms, all from the brand Scanclimber, which we systematically inspect according to our service procedures.

We have written procedures that explain in detail how the work platforms should be checked and serviced at our workshops and preparation sites. This is done both before the platforms are dispatched to customers and again when they are returned.

We also continuously review and further develop the safety procedures for assembly, disassembly, relocation, and other work processes related to our equipment.

On all work platforms - at the top electrical cabinet - we have placed a QR code that provides access to the platform's logbooks, certificates, completed inspections, and instruction manual.

We also offer a 24-hour hotline to assist you in the event of a breakdown.

All our work platforms are also equipped with:

- » Top and bottom switches
- » Motor brake, torque 10/195 Nm (spring-loaded)
- » Mechanical safety brake
- » Manual lowering system
- » Safety railings (h=1.1m) and toe board on the platform

Of course, we are certified to document that our equipment and work processes meet current requirements and standards!

Electrical components

	SC4000	SC5000	SC6000	SC8000	SC10000
Lifting motor	2 x 2,2 (kW)	2 x 3,0 (kW)	2 x 5,5 (kW)	2 x 4,0 (kW)	2 x 7,5 (kW)
Supply voltage	400 V / 50 Hz	400 V / 50 Hz	400 V / 50 Hz	400 V / 50 Hz	400 V / 50 Hz
Power supply fuses	3 x 32 A	3 x 32 A	3 x 32 A	3 x 32 A	3 x 32 A
Required power supply	44 kWA	48 kWA	48 kWA	48 kWA	60 kWA
Maximum starting current	60 A	60 A	132 A	100 A	165 A
Control voltage	48 VAC	48 VAC	48 VAC	48 VAC	48 VAC
Sockets for power tools	230 V / 16 A	230 V / 16 A	230 V / 16 A	230 V / 16 A	230 V / 16 A

(*) Electricity for construction work: Electrical/construction site panel should be brought to the setup location before the start of assembly.

Load diagrams

- Single-masted

Platform length →

Console depth ↓

SC4000	4,2 m	6,1 m	7,4 m	9,3 m	10,5 m	12,5 m	13,7 m
0 m	2.000	1.900	1.700	1.550	1.400	1.200	900
0,6 m	1.800	1.700	1.400	1.250	1.100	900	350
1,2 m	1.750	1.600	1.300	1.100	900	500	
1,4 m	1.700	1.500	1.200	1.000	800	500	
*1,2 m	1.700	1.500	1.200	1.000	800	500	
*2,0 m	1.000	800	500				

* 1.2 m and 2.0 m must be supported.

SC5000	4,1 m	5,7 m	7,3 m	8,9 m	10,5 m	12,1 m	13,7 m	15,3 m	16,9 m
0 m	2.700	2.500	2.300	2.100	1.900	1.700	1.500	1.200	1.000
0,6 m	2.200	2.000	1.800	1.600	1.400	1.200	1.000	700	500
1,2 m	2.300	2.000	1.800	1.600	1.300	1.000	800	500	
1,8 m	2.400	2.100	1.800	1.500	1.200	900	600		
2,4 m	1.700	1.400	1.000	500					

SC6000	4,1 m	5,7 m	7,3 m	8,9 m	10,5 m	12,1 m	13,7 m	15,3 m	16,9 m
0 m	3.300	3.100	2.900	2.600	2.300	2.000	1.700	1.400	1.100
0,6 m	2.800	2.600	2.300	2.100	1.900	1.600	1.400	1.000	600
1,2 m	2.700	2.500	2.200	2.000	1.800	1.600	1.400	1.000	500
1,8 m	2.600	2.400	2.100	1.900	1.700	1.500	1.300	900	500
2,4 m	2.600	2.400	2.100	1.700	1.400	1.000	600		

SC8000	4,1 m	5,7 m	7,3 m	8,9 m	10,5 m	12,1 m	13,7 m	15,3 m	16,9 m
0 m	4.500	4.300	4.100	3.900	3.700	3.300	2.900	2.600	2.300
0,6 m	4.200	4.000	3.500	3.600	3.400	2.900	2.500	2.200	1.800
1,2 m	4.100	4.000	3.700	3.500	3.300	2.900	2.500	2.100	1.600
1,8 m	4.000	3.900	3.800	3.400	3.100	2.800	2.500	2.000	1.400
2,4 m	4.100	3.800	3.300	2.900	2.600	2.200	1.800	1.300	700

SC10000	4,1 m	5,7 m	7,3 m	8,9 m	10,5 m	12,1 m	13,7 m	15,3 m	16,9 m	18,5 m	20 m
0 m	6.000	5.800	5.600	5.400	5.300	4.600	4.000	3.400	3.100	2.700	1.800
0,6 m	5.900	5.600	5.300	5.000	4.900	3.800	3.500	2.900	2.400	1.600	700
1,2 m	5.800	5.500	5.200	4.900	4.800	3.700	3.400	2.800	2.300	1.500	
1,8 m	5.800	5.500	5.200	4.900	4.700	3.600	3.300	2.700	2.200	1.400	
2,4 m	5.500	5.200	4.900	4.600	4.300	2.900	2.600	1.900	1.000		

NB: See note on load diagrams on page 19.

Load diagrams

- Double-masted

Platform length →

Console depth ↓

SC4000	11,9 m	13,5 m	15,1 m	18,3 m	19,9 m	21,5 m	23,1 m	24,7 m	29,5 m	31,4 m
0 m	4.200	4.050	3.800	3.500	3.250	3.020	2.775	2.680	2.165	2.065
0,6 m	3.900	3.710	3.420	3.040	2.750	2.480	2.190	2.057	1.421	1.273
1,2 m	3.620	3.392	3.064	2.608	2.280	1.972	1.650	1.477	728	
1,4 m	3.600	3.330	3.000	2.520	2.155	1.837	1.504	3.121	540	
*1,2 m	3.500	3.257	2.913	2.425	2.081	1.757	1.419	1.182		
*2,0 m	2.272	1.863	1.353	535						

* 1.2 m and 2.0 m must be supported.

SC5000	12,6 m	14,2 m	15,8 m	17,4 m	19 m	20,6 m	22,2 m	23,8 m	25,4 m	27 m	28,6 m
0 m	5.000	4.800	4.600	4.400	4.200	4.000	3.800	3.600	3.400	3.200	3.000
0,6 m	4.300	4.050	3.850	3.600	3.300	3.100	2.900	2.600	2.300	2.000	1.700
1,2 m	4.250	4.000	3.800	3.550	3.250	3.000	2.800	2.500	2.200	1.900	1.600
1,8 m	4.200	3.950	3.750	3.500	3.200	2.900	2.700	2.400	2.100	1.800	1.500
2,4 m	3.200	3.000	2.800	2.400	2.000	1.600	1.200	800	500		

SC6000	12,6 m	13,4 m	14,2 m	15,8 m	17,4 m	19 m	20,6 m	22,2 m	23,8 m	25,4 m	27 m
0 m	5.000	5.500	5.300	5.400	5.300	5.100	4.900	4.800	4.600	4.500	4.100
0,6 m	4.500	5.050	4.700	4.700	4.550	4.250	4.100	3.900	3.600	3.400	2.950
1,2 m	4.450	5.000	4.650	4.650	4.500	4.200	4.000	3.800	3.500	3.300	2.850
1,8 m	4.400	4.950	4.600	4.600	4.450	4.150	3.900	3.700	3.400	3.200	2.750
2,4 m	3.800	4.350	4.000	4.000	3.750	3.416	3.000	2.800	2.500	2.250	1.700

SC8000	12,6 m	14,2 m	15,8 m	17,4 m	19 m	20,6 m	22,2 m	23,8 m	25,4 m	27 m	28,6 m
0 m	7.200	8.000	8.000	8.100	7.900	7.800	7.500	7.500	7.200	6.500	5.800
0,6 m	6.400	7.120	7.120	7.120	6.660	6.600	6.200	6.100	5.700	4.900	4.200
1,2 m	6.350	7.060	7.060	7.060	6.580	6.500	6.100	6.000	5.600	4.800	4.100
1,8 m	6.300	7.000	7.000	7.000	6.500	6.400	6.000	5.900	5.500	4.700	4.000
2,4 m	5.400	6.100	6.100	5.700	5.350	5.000	4.500	4.350	3.800	2.900	1.950

SC10000	12,6 m	14,2 m	15,8 m	17,4 m	19 m	20,6 m	22,2 m	23,8 m	25,4 m	27 m	28,6 m
0 m	8.200	9.300	10.200	9.800	10.400	9.100	8.800	9.000	8.100	7.700	6.800
0,6 m	7.700	8.700	9.500	9.100	9.600	8.200	7.900	8.000	7.100	5.700	5.700
1,2 m	7.600	8.600	9.400	9.000	9.500	8.100	7.800	7.900	6.900	5.500	5.500
1,8 m	7.600	8.600	9.400	8.900	9.400	8.000	7.700	7.800	6.800	5.300	5.300
2,4 m	6.200	7.200	8.000	7.500	8.000	6.600	6.300	6.400	5.500	2.500	2.500

Note on load diagrams

The diagrams show the maximum load in kilograms on single-masted and double-masted work platforms at a given console depth and platform length. **The load capacity must be reduced** for platform solutions with special consoles, coverings, and other accessories, such as the electric slide deck.

Load distribution on all **single-masted** platforms as well as double-masted SC4000: 320 kg can be freely placed on the platform.

Load distribution on all **double-masted** platforms (except double-masted SC4000): 400 kg can be freely placed on the platform.

The rest of the load (materials and tools) must be evenly distributed across the entire platform deck.

30,2 m	31,8 m	33,4 m	35 m	36,6 m	38,2 m	39,8 m	40,6 m
2.800	2.600	2.400	2.200	2.000	1.800	1.600	1.500
1.450	1.200	900	600				
1.350	1.100	800					
1.250	1.000	700					

28,6 m	30,2 m	31,8 m	33,4 m	35 m	36,6 m	38,2 m	39,8 m	41,4 m	43 m	44,6 m
3.500	3.500	3.500	2.600	2.500	2.200	2.000	1.900	1.700	1.400	1.200
2.250	2.200	2.100	1.100	950	850	600				
2.150	2.100	2.000	1.000	850						
2.050	2.000	1.900	900	750						
960	850	680								

30,2 m	31,8 m	33,4 m	35 m	36,6 m	38,2 m	39,8 m	41,4 m	43 m	44,6 m	46,2 m
5.600	5.800	4.800	4.600	4.100	3.900	3.500	3.600	2.900	1.900	1.000
3.800	3.900	2.400	2.300	1.800	1.300	800	600			
3.700	3.800	2.500	2.200	1.700	1.200	700	500			
3.600	3.700	2.600	2.100	1.600	1.100	600				
1.500	1.100	600	500							

30,2 m	31,8 m	33,4 m	35 m	36,6 m	38,2 m	39,8 m	41,4 m	43 m	44,6 m	46,2 m	47 m	47,8 m	48,6 m
6.600	6.500	5.400	5.600	5.000	4.600	4.200	4.000	3.700	2.900	2.400	2.400	2.100	1.500
5.400	5.300	3.100	3.800	2.500	3.100	2.800	2.000	2.100					
5.200	5.100	3.400	3.500	2.800	2.900	2.500	2.300	1.800					
5.000	4.900	3.700	3.800	3.100	2.600	2.200	2.000	1.500					



By combining our work platforms with various types of professional extra equipment, we can solve almost any type of facade task – and in almost any kind of weather. Let us handle all the practicalities, so you can focus on your construction or renovation project.

Extra equipment

Mobile work platforms can be assembled in countless ways, and our platform solutions are always custom-made to the individual facade task. You can also choose a wide range of extra equipment for the work platform, making the work even more efficient and comfortable.

For example, if the work platform is built with **special decks**, it can easily bypass any protrusions on the facade, such as cornices, bay windows, and balconies. The electric sliding decks (sliding extension) are a good example of value-adding extra equipment, as the mobile sliding decks can be controlled in and out towards the facade with a remote control. This way, the craftsmen can quickly and safely bypass protrusions on the building, and they can work on the facade from the entire long side of the work platform.

Mason consoles are recessed decks that provide an ergonomic and back-friendly working position, making everyday life much easier for masons. And **various types of hoists and cranes** help the craftsmen lift the heavy materials up - and around - the platform while they perform their work.

Our **covered platform solutions** are built in accordance with the Working Environment Authority (Arbejdstilsynet) guidance on winter measures. They help reduce the number of sick days and weather-related downtime, streamline work processes, and create job satisfaction - even when it rains and blows. The craftsmen can stay dry and avoid the worst drafts and cold while the risk of work injuries is reduced when the work surface is kept dry. The covering also ensures that materials, electrical tools, etc., are not damaged by rain and sleet.





Side-mounted cranes

Our side-mounted crane arms have an outreach of 2 to 3 meters and a maximum lifting capacity of 240 kg. The crane arms can be mounted on two sides of the mast and swing 270 degrees. They are particularly useful as they help the platform personnel handle heavy materials around the platform deck.



Electric vacuum lift / suction cups

A vacuum lifter is attached to a hoist mounted on a top crane at the top of the platform's mast. The powerful electric suction and remote control then make the job a breeze when carpenters need to maneuver heavy glass windows and doors into place safely. Our electric vacuum suction can lift up to 320 kg, thus saving the craftsmen a lot of heavy and exhausting lifting, and the vacuum suction also helps to reduce the number of work accidents and damage to materials.



Mason console

Masons lay thousands of heavy bricks daily, perform countless bends and stretches, and often work in uncomfortable positions. If the work platform is extended with a mason console, the masons can avoid having to bend down far for bricks and mortar again and again. The console is a recessed deck that sits 50 cm below the platform deck. This means that when the brick stack and mortar tub are on the platform deck and the masons are on the console, they can easily take bricks from the stack and mortar from the tub.



Covering

On a covered platform solution, craftsmen can work in dry conditions, while being protected against the worst drafts.

The coverings help to minimize sick days and weather-related downtime, as well as increase efficiency and minimize costs. At the same time, the personnel avoid having their materials and tools damaged by rain and sleet, and the risk of work injuries is significantly reduced when the work surface is kept dry.



Mini chassis

A mini chassis is used where there is little space for the platform's undercarriage, for example, in a narrow courtyard or other places with limited space.

The mini chassis makes the use of a platform an even more flexible and efficient solution, as this special equipment allows us to fit platforms in most places. Therefore, space should not be an excuse for not choosing work platforms - at the expense of the best possible working conditions for the craftsmen.



Crane rail

Crane rails are mounted on a facade, a wall, or in the ceiling and are used especially if it is not possible to use side-mounted cranes or top cranes, for example, if the work platform cannot be staged (secured) to the facade. We typically rent out crane rails with a carrying capacity of 240 kg, but can offer solutions with a lifting capacity of up to 1,000 kg.



Double-decker

Platform solutions can be expanded with extra decks in height when multiple simultaneous work processes need to be carried out at different heights.

It is possible to install the extra decks along the full length of the work platform, and access to the decks is via fall-protected ladders.



Top crane

Our range of top cranes has a lifting capacity of 240, 500, and 1,000 kg respectively. All crane arms can rotate 360 degrees, making the top crane a super flexible helper.

Top crane 240 kg: The hoist can reach 6 meters out on the crane arm.

Top crane 500 kg: The hoist can reach 5 meters out on the crane arm.

Top crane 1,000 kg: For lifts of 0-900 kg, the hoist can reach 6 meters out on the crane arm. For lifts over 900 kg, the hoist can reach 5 meters out on the crane arm.



Sliding extension

The electric sliding deck (sliding extension) adds a fantastic and innovative possibility for work platforms to move past projections on the facade, such as cornices and balconies. Subsequently, the sliding decks are steered towards the facade while the platform is at height - and in a safe manner. The sliding deck can be installed on platform sections of 80 and 160 cm. They can easily be adjusted from 20 to 135 cm from the facade via a remote control.

Certified lessor

Platform.as' mission is to be Denmark's best lessor of work platforms and large construction hoists. Among other reasons, our core values are...

Service • Quality • Safety

The ambition to be the best lessor was born with the company, and in 2016, Platform.as was the first company in the equipment rental industry to have its management system certified by DRA in quality, environment, and occupational health and safety.

A certified lessor can document that equipment and work processes meet current requirements and standards!



Total Covering



A total covering in Valby consists of 20 work platforms set up in extension of each other on both long sides of an apartment block. Between the two rows of platforms, over the building, cassettes are mounted on which the covering canvas is fastened.



Scan or click to watch the video. Total covering allows for roof renovation year-round in dry weather.

We costum-makes a total covering to best support the flow of the many processes a renovation project consists of. It improves the work environment, streamlines workflows, and creates added value.

There are many possibilities when installing total coverings, but common to the solutions is that they protect ceilings, attic apartments, craftsmen, materials, and tools from rain and sleet while the buildings are being renovated.

The workers on the construction site also get a **much larger working area** along the entire roof base and **plenty of space for storing materials and tools** than if traditional scaffolding were used. Our solution also makes it easier to move around the roof and handle building materials, as there are no vertical scaffolding poles installed in the work area.

In Valby, the contractor company Nordstern is completely renovating **seven apartment blocks**. Among other things, to **improve the work environment and streamline the renovation work**, Platform.as' solution is used. On each block, work platforms, covering, stair towers, and material hoists are mounted. The roof work starts up in dry conditions under the covering, while the platforms are used for bricklaying, window replacement, and other facade tasks. Once the facade work is completed, the platforms are locked at the roof base, and the renovation project is concluded.

The project in Valby is just one of many ways in which our total covering can add a lot of benefits to a renovation project. We can also mount **two work platforms on one mast**, where the top platform is locked at the roof base while the lower one can move up and down. Another option is to set up the platforms in a way that allows **every other machine to be locked at the roof base**. In both cases, the workers can perform facade work while having access to a huge work area along the building's roof.

The covering can be made mobile by mounting it on wheels. This makes particular sense if work is to be carried out in stages on one or more buildings, or if large materials need to be lifted onto the roof while it is covered.

Personnel and material hoists

A tall building under construction with a central shaft of red hoists. The hoists are stacked vertically, with some having red safety railings. The building has many windows, some of which are covered with blue plastic. The background shows a residential area with houses and trees under a clear blue sky.

No one can guard 100% against operational stops, but you minimize the risk when you choose to rent your hoist solution from Platform.as, as all our hoists are quality hoists with high performance. Should an accident still occur, you are always guaranteed quick technical support.

When you choose a personnel and material hoist from Platform.as, you get a reliable, high-quality hoist custom-made to the specific task. Whether the hoist needs to transport materials, people, or both, up to 300 meters high, we have a solution that matches your needs.

The largest of our construction hoists can lift up to **3,200 kg at 54 m/min**. They quickly move craftsmen and materials up and down, which is a clear advantage on the construction site - and it contributes to satisfied and efficient craftsmen!

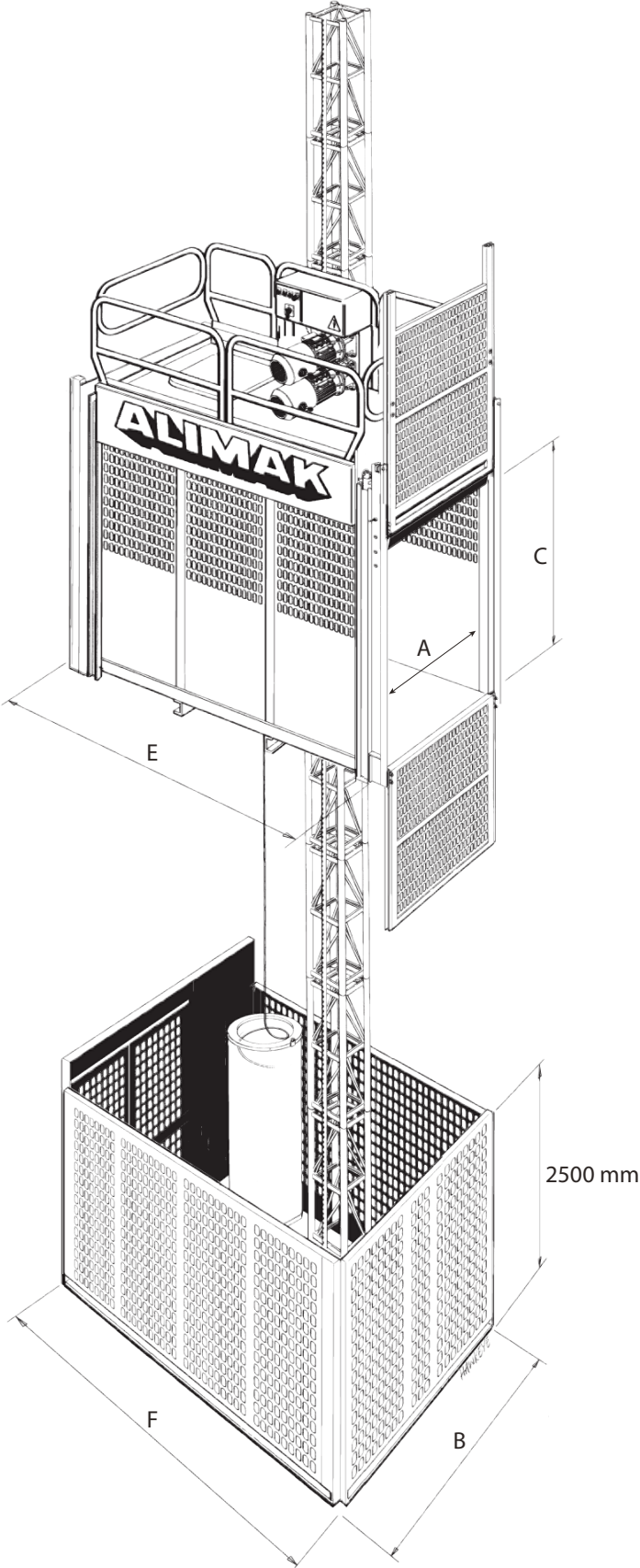
Our largest hoist has internal dimensions of 3.9 x 1.5 x 2.3 m (L x W x H). That's enough space for 29 people or a lot of long, heavy, and unwieldy materials, such as ventilation pipes and panels. A spacious side door also allows for **entire pallets of materials to be loaded directly into the hoist**, for example with one of our telescopic handlers or mini loaders. All these parameters contribute to making the construction project more efficient.

In our fleet of personnel and material hoists, you will find all sizes of rental hoists. Therefore, we can also offer solutions where **we dimension and build the hoist to fit the elevator shaft** in a modern new building. By utilizing the shaft while the building is being constructed, the external facade work can be completed without, for example, scaffolding in the way of the craftsmen.

Almost all our hoists are equipped with ALC control. It's an intelligent control system that ensures the hoist a soft landing when it stops at a floor. The ALC control also means that the hoist can be programmed to think logically. If the hoist is used from the ground floor to the 10th floor, it automatically stops at other floors if summoned. This makes the ride in the hoist reminiscent of riding in an internal elevator.



Alimak hoist - Scando 450/650



Technical data for Scando 450/650

Hoist series	Scando 450		Scando 650				
Elevator cage with standard doors	FC 19/32	FC 20/32		FC 18/39		FC 24/32	
Elevator cage with C-door			FC 17/39		FC 23/32		FC 32/39

Max. lifting capacity	kg	1.900	2.000	1.700	1.800	2.300	2.400	3.200
Max. lifting height	meter	200	200	200	200	200	200	200
Speed 50 Hz	m/min	42	42	42	42	42	42	54
Number of people		22	22	21	22	24	24	29

Cage dimensions

Internal width (A)	meter	1,4	1,4	1,5	1,5	1,5	1,5	1,5
Internal length	meter	3,2	3,2	3,9	3,9	3,2	3,2	3,9
External length (E)	meter	3,38	3,38	4,08	4,08	3,38	3,38	4,08
Internal height (C)	meter	2,0	2,0	2,3	2,3	2,3	2,3	2,3
Door opening (w x h)	meter	1,4 X 2,0	1,4 X 2,0	1,5 X 2,2	1,5 X 2,2	1,5 X 2,2	1,5 X 2,2	1,5 X 2,2
C-door opening (w x h)	meter			3,9 X 2,2		2,5 X 2,0		3,2 X 2,2

Electrical components

Power supply		400 V, 50 HZ, 3-phase						
Power management		FC	FC	FC	FC	FC	FC	FC
Min. insurance	A~	50	63	80	80	63	63	125
Lifting motor	kW	2*11	2*11	2*11	2*11	2*11	2,11	3*11
Power consumption	kVA~	35	35	41	41	41	41	76

(*) Electricity for construction work: Electrical/construction site panel should be brought to the setup location before the start of assembly.

Transport dimensions base unit incl. bottom enclosure

Length (F)	meter	3,957	3,957	4,660	4,660	3,970	3,970	4,660
Width (G)	meter	2,450	2,450	2,610	2,610	2,620	2,564	2,610
Height (excl. lifting motor)	meter	3,10	3,10	3,14	3,14	3,14	3,10	3,14

Telescopic handlers and mini loaders

Let our loading machines handle the heavy lifting on the construction site. It streamlines work processes and significantly improves the working environment and safety.



On many construction sites around the country, loading platforms are done manually. It's a time-consuming task that also exposes workers to numerous heavy and wearisome lifts. With our loading machines, you can streamline work and minimize wear injuries caused by heavy lifting.

Both our telescopic handlers and mini loaders are efficient and powerful machines, great for assisting with loading bricks, mortar, windows, etc., onto work platforms - and pallets with materials into construction elevators. They don't take up much space but are still strong enough to do the heavy work, allowing the workers to focus their energy on their craft. We place great emphasis on the quality of our machines, ensuring work on the construction site is done safely and efficiently.

Telescopic handlers

Telescopic handlers are quite special, and you don't need a certificate to operate them if the extension is between 0 and 1.5 meters. Our telescopic handlers can reach up to 4.8 meters high and have a lifting capacity between 585 and 2,490 kg. (with a maximum extension of 1.5 meters).

Mini loaders

Mini loaders can be operated without a certificate. Our mini loaders, equipped with forks, have a lifting capacity of 1,500 kg and a loading height of 2.3 meters. Besides forks, they can also be equipped with buckets and a specially designed mortar bucket. The mini loader itself is 2.2 meters high, 1.3 meters wide, and 3.8 meters long. It's a small and powerful machine that can navigate most areas of the construction site.



Videos

Scan or click on the QR codes. See a selection of the exciting tasks we have solved. And hear some of our customers talk about their satisfactory collaboration with Platform.as.



Custom solution with platforms at SAS Radisson Blu.



Masons are happy with platforms with covering.



Carpenter master rents a work platform for the first time.



Total covering: Renovate all year round in dry weather.



Carpenters tell about the good service of Platform.as.



Vacuum lifters saves craftsmen many heavy lifts.



Work platforms also create value in the industry.



Roof work protection built from work platforms is efficient.



Construction manager is very satisfied with the rental of hoists and platforms.



Photo: Mads Tolstrup

Sponsor 2023



CSR

- making the world a little better

At Platform.as, we have always tried to help others if we can. Because we can.

For several years, we have sponsored a wide range of good causes. Among other things, associations that do something special for children - and young talents within cycling, football, motorsport, and speedway, as well as a person who drives tractor pulling and a professional off-road driver.

Through the CSR Partnership, we have been part of giving young people in Nicaragua access to education and knowledge at schools we have helped to build. And in Zambia, we have contributed with a mechanical brick press, which we have designed ourselves in the workshop in Ishøj.

The brick press contributes annually to the production of 20,000-25,000 sustainable bricks, pressed from the soil found on-site. Water is the only additive, and the bricks dry in the sun. It is therefore an exceptionally sustainable and easy way to produce building bricks.

We hope that with our CSR projects, sponsorships, services, and products, we contribute to improving the quality of life of the many different people we surround ourselves with all year round - and that they, in one way or another, benefit from our presence.





PLATFORM.AS

SERVICE · QUALITY · SAFETY

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Version 1.2, February 2024