

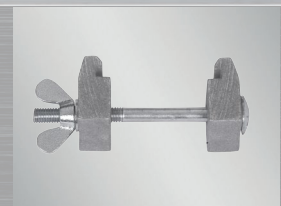
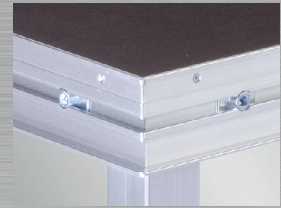
apq stage

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PLATFORMS FOR PROFESSIONALS

ASSEMBLY INSTRUCTIONS

StandardStage 500



apq-stage.com

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You have chosen our StandardStage 500 platform system.

For your own and the safety of your guests / visitors we kindly ask you to read these assembly instructions carefully and to follow our advice.

Please store these instructions safely.

The design has been deliberately focused on simple features which show no signs of wear even in the event of frequent assembly and dismantling.

Our assembly instructions in the form of a video can be found here:



Instructions for Assembly / Dismantling

Before assembling the stage platform, ensure that the load-bearing capacity of the installation site is at least the same as the nominal load of the platform. Ideally, the platforms should be assembled by two people. Where appropriate, please wear safety gloves and safety shoes in order to prevent injuries during assembly / dismantling. In addition, pay attention to the correct and proper use (for example, beech veneer panels for indoor use only and screen printed panels for indoor and outdoor use) and where applicable, to additional wind and snow loads.

Instructions for Use

Our StandardStage 500 platforms have been tested by TÜV with a 500 kN/m² load-bearing capacity. Therefore, travelling over them in a wheelchair presents no problems. But should you want to travel on them with larger vehicles, please discuss this with us in advance in order to clarify the dynamic loads.

Maintenance and Repairs

We recommend an inspection at least once-per-year. Additional checks must take place after extreme loading. As a rule, the products should be briefly checked after each assembly. In the inspection, please pay attention to any sharp edges which may have occurred or to any possibly loose parts.

Please contact us in the event of missing parts or serious damage to the products.

We will happily clarify with you the further use or the delivery of spare parts of the units. Repairs must be only be carried out by qualified personnel or following consultation with our employees. On decommissioning the products, disposal can also be carried out through us.

The inspections must be carried out by qualified personnel. We will be happy to offer you the inspections carried out by our employees.

Minor visual inspections, for example, of the connectors or the feet can also be done by non-qualified personnel.

Please contact our competent team for questions about repairs, maintenance or spare part procurement.

Storage and Cleaning

The platforms should be stored in a dry place.

To ensure quick assembly, it is recommended to store the platforms with the support plate facing downwards. For this, ideally use the supplied accompanying pallets or a transport trolley.

The cleaning of the platforms with a screen printed surface can be done using a damp cloth. Untreated wood surfaces must only be cleaned dry. Please do not use any aggressive cleaning agents!

Positioning of the Protective Equipotential Bonding

If you wish to connect protective equipotential bonding to the platforms, this can be done quite simply by means of two slot nuts, screws M8, and an appropriate wire. Please contact us in the event of further questions.

Product Description Table

Please note that the GS Certification applies to the standard formats.

Standard sizes	2x1 m/ 1x1 m/ 2x0.5 m/ 1x0.5 m/ 0.5x0.5 m
Special forms	Triangles/ Trapezoides
Tare weight (2x1 m) with plywood panel (without feet)	35 kg
Tare weight (2x1 m) with screen printed panel (without feet)	41 kg
Load capacity	500 kg/m ²
Maximum point load	1.5 kN/ 50x50 mm
Fire behaviour	according to DIN 4102 B1
Maximum assembled height	1.6 m
Aluminium frame height	84 mm
Panel thickness	22 mm
Quality	Product 100% „Made in Germany“
Safety	TÜV THÜRINGEN GS - certified



Fitting the Stage and Telescopic Legs (4 legs per platform must be used)

In the corners on the underside, the platforms have the so-called leg mounting brackets with a clamping wedge for the securing of the platform legs. The telescopic legs and the stage legs are inserted in the leg mounting brackets and are then tightened hand-tight (approx. 30 Nm) using the wing screws (approx. 30 Nm). Before inserting the legs, ensure that the clamping wedge has been screwed out sufficiently.

To ensure quick assembly, the platforms should always be stored with the plate facing downwards.

With Telescopic Legs

In order to be able to quickly set frequently used platform heights such as 40, 60 or 100 cm, the telescopic legs have height setting holes with spacing of 5 cm. To set the desired height, loosen the wing nuts and press the securing bolts out of the the telescopic leg. Now slide the inner and outer legs into the desired position so that the corresponding holes lie on top of each other. Push the bolt through the holes again, fit the washer and secure the bolt again using the wing nut (approx. 30 Nm).

Please use an open-ended spanner (size 24) for the fine adjustment and securing of the set height.

Please tighten the wing screws on the leg mounting brackets hand-tight (approx. 30 Nm) and regularly check the firm seating of the wing screws.



Connection of the Platforms

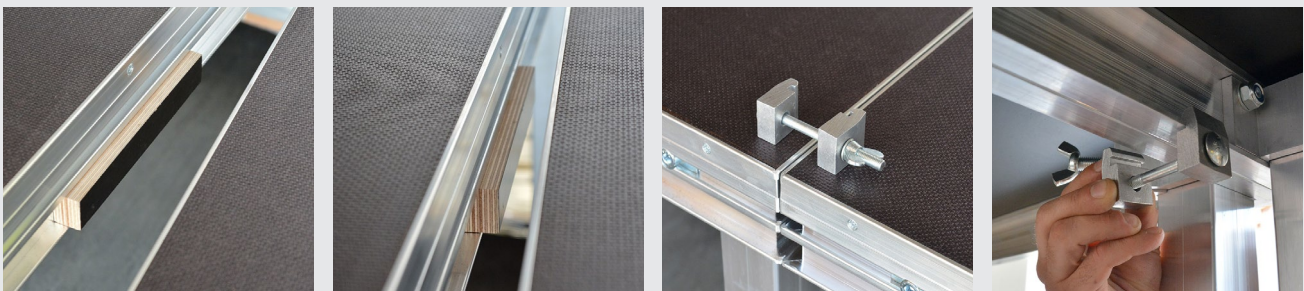
Platform Connectors

The connecting together of the platforms takes place on the underside of the aluminium frame using platform connectors.

The platform connectors function as a kind of screw clamp. First one clamp jaw and then the second clamp jaw is hooked on to the underside of the edge profile. Once the two clamp jaws of the platform connector are positioned correctly, please tighten the wing screws hand-tight (approx. 30 Nm).

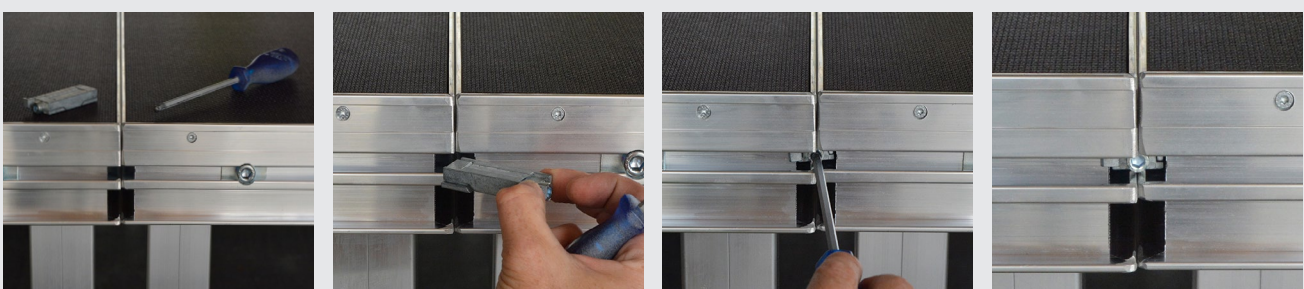
So that the secure connection of the platforms is ensured, each newly added platform is secured using two platform connectors. Depending on the space situation, the assembly should take place row by row or column by column. Please regularly check the firm seating of the platform connectors. Pay attention to the correct height adjustment and ensure that no tripping points (>2 mm) are created.

In addition, the platforms are strengthened by means of small wooden battens (pushed into the groove in the centre) which also ensure additional height levelling.



Groove Connectors

With low platform heights or with platforms assembled without legs, the connection can also take place in the groove in the frame profile. For this, groove connectors (or also clamp connectors) are pushed into the groove between the platforms. The small „nose“ of the connector prevents it from slipping further into the profile. The groove connector can be extended using an Allen key. The jaws press against the frame profile and so connect the two platforms. This also helps to balance out small uneven surfaces in the assembly.



Fitting Stairs

Push the stairs to the desired position at the platform or at the rostrum. Then connect the stairs to the platform frame using the stair-platform connector. In the process, the supplied accompanying slot nut is swivelled into the assembly groove of the platform frame and tightened hand-tight using the wing screws (approx. 30 Nm). The attached block of the platform connector is hooked into the back of the platform frame and likewise tightened. Finally the stair-platform connector is itself screwed to the stairs using the hexagonal screws.

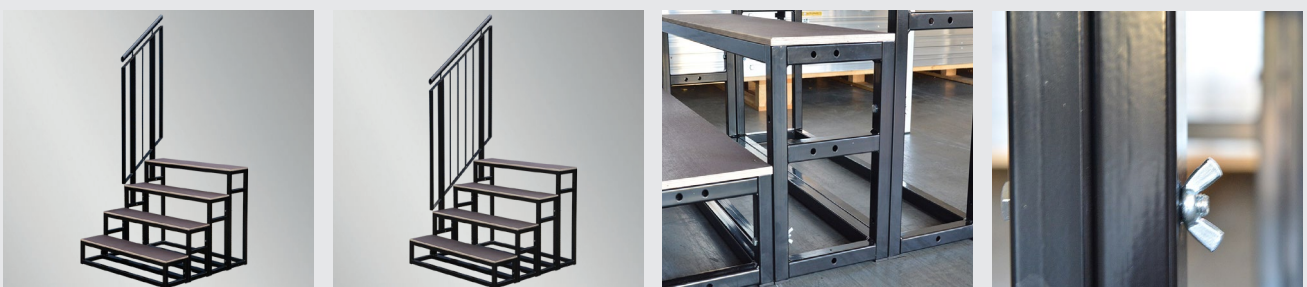
The number of steps of the stairs can be increased or decreased for different platform heights. To do so, simply loosen the carriage bolts between the steps.



Fitting Stair Handrails

The stair handrails as safety handrails in accordance with DIN standards or as railings are each available as standard for two or three steps. Depending on the height of the stairs, one or more handrails are fitted on the side of the steps. To do so, simply fix the handrails to the stairs using the hexagonal screws and the wing nuts. For additional stability, the stair handrails can be connected to each other and to the platform railings likewise using the hexagonal screws.

The handrails and platform railings for two and three steps have been tested and certified by TÜV Thüringen.



Fitting Railings

Railings must be fitted on all open sides of the platforms immediately they are accessible to the public or the assembled height exceeds 20 cm.

Safety Handrails (in accordance with DIN)

The safety handrails or also DIN railings are simply secured in the groove of the frame profile. Swivel the supplied accompanying slot nuts into the groove and secure the railings at the desired position using the wing screws. For additional stability, fit the supporting bearer to the flange of the railings. Set the attached levelling screws so that they press on the platform panels from below. In addition, connect the railings to each other using the hexagonal screws and wing nuts. An additional connection over the corner can be made with the corner connectors. The railings in the widths of 50 cm, 100 cm and 200 cm have been tested and certified by TÜV Thüringen. (200 cm width on StandardStage 750 and ProfiStage 750).



Platform Railings / Safety Barrier

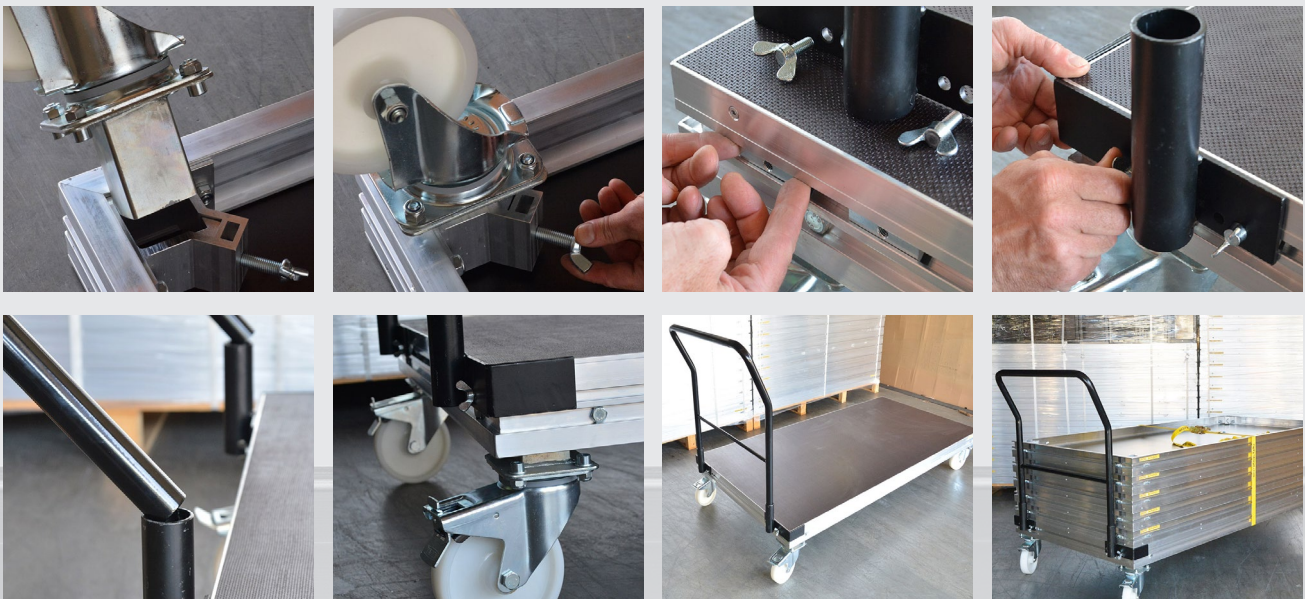
Secure the safety barrier or also box railings in the frame profile likewise using the slot nuts and the wing screws. Simply swivel the slot nut into the profile, slide it to the desired position and secure the safety barrier using the wing screws. Here, too, the railings must be connected to each other by means of the hexagonal screws and wing nuts. A connection over the corners is likewise possible using the corner connectors. The platform railings in the widths of 50 cm and 100 cm have been tested and certified by TÜV Thüringen.



Fitting Castors

Conversion to a Transport Trolley

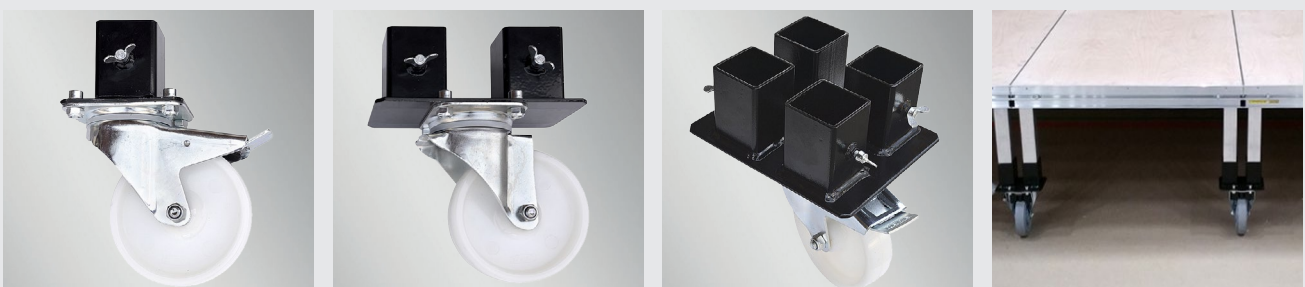
In just a few minutes, the platforms can also be converted to transport trolleys. To do so, insert the castors (with pre-fitted castor mounts) into the leg mounts of the platforms. This is done as with our platform legs. Simply tighten the pressure bars hand-tight (approx. 30 Nm) and turn the platform over again. Using the slot nuts and the wing screws, the push-bar brackets can now be fitted to the right and left corners of the frame. Then insert the push-bar into the brackets and secure it using the attached wing screws. The brackets are available for one, two or four legs.



Rollable Platforms

Naturally, platforms with longer legs can also be fitted with castors. This is very easy with the roll foot adapters. Using the accompanying screws, fit the the adapter to the mounting plate of the castor. Then insert the platform leg into the adapter and secure it using the attached wing screws. Now, as usual, fit the leg to the platform. The adapters are available for one, two or four legs.

The transport trolleys and castors are not included in the scope of the TÜV Thüringen certification.







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We wish you great pleasure and success with our products.
We are always happy and ready to help you with questions, advice or technical assistance under the following contact information:

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