Mobile frame/ A-frame small for aerial artistry powder-coated or galvanized

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If you have any further questions or need spare parts, please contact us using the contact details above.
All information without guarantee. We reserve the right to change without prior notice.

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Dear Customer,

We are pleased that you have chosen one of our props. In this little booklet, we have compiled all the important safety instructions, tips and quick solutions for most small problems. If you still have any questions, please do not hesitate to contact us.

Our drive... our artist equipment...

Our drive: We want to produce artist equipment that can be offered safely, functionally and at a fair price. The artist should be able to work with the prop for a long time and have the opportunity to check the safety of the device at any time.

What does the "Safety First" label mean? The "Safety First" label indicates that there is a very easy way for this item to check safety. For example, in the case of the air rings, the swivel and the vertical cloth bell, it is possible to check the material thickness and thus the load-bearing capacity on the basis of a test piece. This ensures safety for the artist, the amateur and also the technical manager in the variety show or circus.

Where do we produce and why there? We produce mainly in Germany and for some products at least within the EU. This allows us to check the materials at any time before processing and monitor the individual manufacturing processes. Improvements and further developments flow directly into production. All welds are welded according to DIN EN 1090-2 EXC2, which is the same proof as for circus tents, for example. All pipes used have at least a factory certificate of level 2.2 or better.

Why does it take so long for a product to come to market? As a manufacturer, we bear a great responsibility for the safety of our products. We make equipment that is used by people and that must be 100% safe and functional under the circus dome. We think very carefully about what an artist's device should look like and develop it further together with experts such as structural engineers, metal workers, engineers and, of course, artists until we have achieved the best possible result in terms of safety, functionality and cost-effectiveness. Before the devices are launched on the market, they are tested for functionality by artists. Tensile tests, which are documented, prove the load-bearing capacity of our products.

In the area of packaging, we attach great importance to renewable raw materials such as cardboard, cotton or wood. Our company is supplied with green electricity. All coated items are powder coated, an environmentally friendly way to protect the material. As far as possible, offcuts of tarpaulins and fabrics are reused for other products, such as dry bags.

General safety instructions for our products We have summarized all safety instructions that apply to our products in general here; product-specific supplements can be found on the respective product pages. To avoid accidents and serious injuries, please note the following: Before each use, check whether there is any damage to our props, such as cracks, holes, deformations or other irregularities that may have been caused by excessive heat or friction, for example. In such cases, do not use the prop and contact your dealer. Wear appropriate clothing and remove sharp or pointed objects before use so as not to damage yourself, others or the prop. Protect yourself against falling by taking preventive measures, e.g. with a safety line and suitable mats or nets on the ground. Only practice tricks that you dare to do and that are suitable for you. Slipping down quickly can lead to burns and

skin abrasions. Make sure that no body parts are tied off. For emergencies, there should be an adult nearby who can provide assistance in the event of an accident.

Installation and verification of safety: All our products are equipped with sufficient safety factors to ensure the highest possible level of safety. To maintain this security, please note the following points:

- Only use connecting links with load specification and approval for persons. The payload (WLL), not the breaking load (BLL), should be at least 2000 kg. Our components always show both the payload and the breaking load.
- As with a chain, the maximum load capacity is the load capacity of the weakest component.
- Make sure that worn components are replaced in good time. Our test pieces can help you with this: If the test piece can be pushed over the narrowest point of the load bearing point, the component must be replaced.
- The fastening of e.g. ceiling suspensions must be done with suitable screws for the respective substrate.
- In the case of round slings, the minimum bending radii and edge protection must be observed.

Many of our products are made of stainless steel and can be used indefinitely outdoors or in damp circus tents. However, products such as cotton ropes, cloths made of synthetic fibres and steel ropes are only suitable to a limited extent for outdoor use or in humid environments. Check the load capacity of all ropes regularly. Natural ropes must always be kept dry to avoid rot and must only be provided with removable padding.

Powder-coated or painted steel parts must be protected when used outdoors to preserve their resilience. All props should be checked weekly for their carrying capacity.

- Particularly in the case of materials made of synthetic or natural fibres, keep a minimum distance of 1.00 m from heat-radiating devices/materials.
- In some of our products, we have rounded the holes in such a way that carabiners or chain links can be hooked in without much wear. For products with less rounded holes, please use shackles for slinging.
- All slings that fall under DGUV I 209-013 must be inspected once a year by a specialist company.
- Always follow the operating instructions for the respective connecting and hanging links, which are included with each product.

Please note that damage caused by improper use and manual modifications to the device are not covered by the warranty. Failure to comply with the above rules puts yourself and others at risk. In these cases, the liability lies entirely with the buyer.

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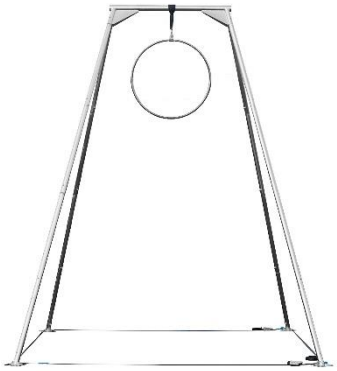

As of: 11/2024

Dear Customer,

We are pleased that you have chosen our Mobile Frame/A-Frame small for aerial artistry.

Safety

Before you start trying it out and training, we would like to ask you to observe the following rules. These protect not only people, but also the prop from damage. Remove the prop from its packaging and check it for damage before each use.

These can be dents, deformations, loose tape, sharp edges and loose screws. In such cases, do not use the prop and contact your dealer.

Wear appropriate clothing and remove sharp or pointed objects before use. You could damage yourself, others or the prop. Protect yourself against falls by taking preventive measures. This can be made possible, for example, by a safety line and/or suitable fall protection mats or safety nets. Only practice tricks that you dare to do and that are suitable for you. Slipping down quickly can lead to burns and skin abrasions. Make sure that no body parts are tied off. For emergencies, there should be an adult nearby who can help with the use of the prop.

Our Mobile Frame/A-Frame small for aerial artistry (2.25 m) is regularly checked for load capacity and safety. Material certificates and welding certificates ensure consistent quality.

General description

The small free-standing apparatus, also known as an aerial rig or air frame, is the ideal solution for quickly and flexibly creating suspension points for aerial artistry.

This can be used to hang aerial acrobatics equipment safely and easily at different locations. The largest version (5 m high, 1.95 m wide) weighs only 130 kg and can be easily transported in a car.

The poles of the kit are available in three different lengths, which means that the height of the frame is variable (height from 2.25 m to 5.00 m, width from 1.45 m to 1.95 m). To avoid confusing the rods, they are marked with the numbers 1-3.

Stressful situations

For dynamic loads (swinging up to max. 90° to the vertical), the stationary apparatus is tested for the following loads:

- One adult person weighing 100 kg (or two people up to 10 years of age weighing 40 kg each)
- Two adults weighing 75 kg each (or four people up to 10 years of age weighing 40 kg each)

In the case of static loads, the aforementioned personnel loads can be increased up to three times.

The small free-standing apparatus can be set up on a flat and non-slip surface without floor fastening, as long as no oscillating movements are made. If the standing apparatus is used for swinging, it must be ballasted or fixed with weights in the event of a deflection over the frame. Detailed information can be found in the statics section (available for an extra charge).

Tension straps or wire ropes must always be attached between the foot sections to fix the position of the positions. As long as the deflections remain within the linkage (maximum 20°), the stability of the apparatus is guaranteed by its own weight alone. Without additional fastening, anti-slip mats must be placed under the feet. For larger deflections, the frame must either be ballasted or secured with steel bar anchors.

We offer two types of surface protection: powder-coated (standard in black, other colours on request) and galvanised in silver. The galvanized version is suitable for prolonged use, but not for long-term outdoor use.

Please note that damage caused by improper use as well as manual modifications to the device are not covered by the warranty claim.

Scope of delivery

Mobile frame/A-frame small for aerial artistry (2.25 m). The scope of delivery is usually included:

- 1 bag for screws and straps
- 2 screws for screwing the crossbeam
- 4 screws each for connecting crossbeams and "slanted rods"
- 4 "sloping poles" (depending on the height, different numbers, but always in steps of four)
- 4 two-person "sloping poles" (depending on the height, different numbers, but always in steps of four)
- 4 footboards
- 4 ratchets for the connection between the foot sections
- 1 Instructions
- 1 overview showing which "slanted poles" are needed for which height

Construction: step by step

Please note that the height is determined by the number of "slanted poles". If you want to achieve a certain desired height, please use the attached table. It should never be built higher than the table allows, otherwise the load-bearing capacity cannot be guaranteed.

Block off the area 2 meters larger than the rack needs space at the end, e.g. with barrier tape. Make sure that no unauthorized persons enter the construction area. Be sure that you and your 2 to 3 other helpers wear safety clothing, such as suitable shoes, pants, shirts and helmets.

1.	Place all rods, straps and screws visibly on the 2 meter edge. The screws and can be easily placed on the pack sack and are thus quickly at hand.	  
2.	Place the two angles in the middle. In between comes the connector. All three parts only fit together in one way. Screw the screws in place with the right tool.	 
3.	Now lift the cross beam in pairs on one side. Another person now first inserts a one bar diagonally (the 1 is visible on the pole). Immediately, this is first screewed hand-tightly with a thin screw, which happens immediately on the same side of the crossbar with another "oblique one-bar".	
4.	Now the two "slanted ones rods" are inserted one after the other on the other side of the crossbar and, just like on the other side, first screwed down by hand and then with tools.	
5.	The game is now repeated again and again on both sides. Please get as many helpers as possible so that there is no danger when lifting. As a rule, however, 2 to 4 adults manage to set up the frame. Depending on the construction plan, the two-pole bars will be inserted at some point instead of one-poles. Some body variants also provide for the short three-bar bars. It is advisable to attach the aerial acrobatics equipment in good time with suitable round slings, a lounge or cable pulls, as long as you can still reach the cross beam without any problems. Later, you can only reach the top cross beam with a ladder	

6.	Finally, like the poles, the feet are screwed first on one side and then on the other. First hand-tight, then again with tools fasten the screws.	
7.	Tensioning with tension belts. To do this, screw on the respective ends of the triangle, hack them in at the foot and. The tensions themselves should have a natural strength due to the ratcheting, i.e. they should be already taut and not loose. Opposite lashing straps are to be designed "of the same length". All tension straps together form a large rectangle. Use without tension straps with closed ratchets is not permitted.	 
8.	Have fun using it! The dismantling takes place in reverse order. Please block off the area beforehand and wear appropriate protective clothing, trousers, jackets and helmets.