adicam®

Welcome to the adicam family

Manufacture of professional film carts for the film industry.

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Dear Customer

Thank you for choosing the adicam brand and the trust you have put in our company. We are giving you a product made with the utmost care, to provide you with high standards and maximum comfort of use. Our transport carts have proved to be strong and reliable in the most demanding conditions on many filming sets, which has been confirmed by many positive opinions of our previous customers. We hope that you will come back to us soon with such enthusiastic feedback.

At adicam we do our best to ensure that the cart is safe in use. When properly used and stored, it will accompany you to your filming tasks for years. This brief User's Manual will help you to ensure the cart's safe and effective use, minimizing the risk of damage and accidents.

Please, take a moment to read it before using your cart for the first time.

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General description of the adicam transport cart

The adicam transport cart was designed by film professionals and engineers for specific movie set applications. It allows the safe and convenient transport of loads up to 250 kg by a single person (see your cart's load capacity at page 13). After disassembly, it forms a compact, handy and relatively lightweight case that can be easily transported and stored. The adicam transport cart has been perfected and thoroughly tested in difficult movie set conditions, which confirmed its usefulness and the effectiveness of the applied technical solutions.

Warning

Depending of the model, the adicam transport cart can be used for transporting equipment of a total weight of 150kg - 250 kg (see your cart's load capacity at page 13). The cart was not designed for transporting people, and we recommend not using it for such a purpose. We are aware that in specific film situations, it would be beneficial to use such a reliable and convenient cart for filming special shots. However, please remember this is beyond the scope of its use and therefore, you assume full responsibility for any possible accidents.

If your cart is a plus series with a foldable edge of the upper platform, remember not to mount or hang any accessories on the opening side, as accidental folding down can result in damaging the cart or the equipment!

The adicam transport cart's unique features

- The cart can be folded into a case, which occupies little space and is easy to transport. A folded cart can be stored safely in any position (it remains stable in any position, and there is no risk of damaging the floor).
- After being folded, the cart fits into most cars, even small ones.
- All cart parts are kept inside the case it is folded into.
- All parts used for blocking and immobilizing the wheels, platforms and legs are easily accessible and visible, which increases the level of safety for the user and the transported equipment.
- The wheel handles are blocked in their slots with locks located on the upper surface of the lower platform, which provides easy access and reliability. The upper clamping bolts can easily be installed to secure the upper platform in place. The upper clamping bolts can also be used to hang objects on straps.
- Depending of the model, the cart's load capacity is 150 kg - 250 kg, which satisfies the needs of most users, while enabling the cart to be moved with little force by a single person.
- The cart platforms feature a high guard, which increases the safety of the transported equipment.
- The cart is equipped with large wheels with special bearings, which ensure low rolling resistance and require little force to move the cart.
- The wheels are equipped with efficient brakes to make it possible to secure the cart in place and increase safety of use.
- The cart is very maneuverable, which makes it easy to operate, even in small spaces. A folded cart contains small wheels for transport convenience.

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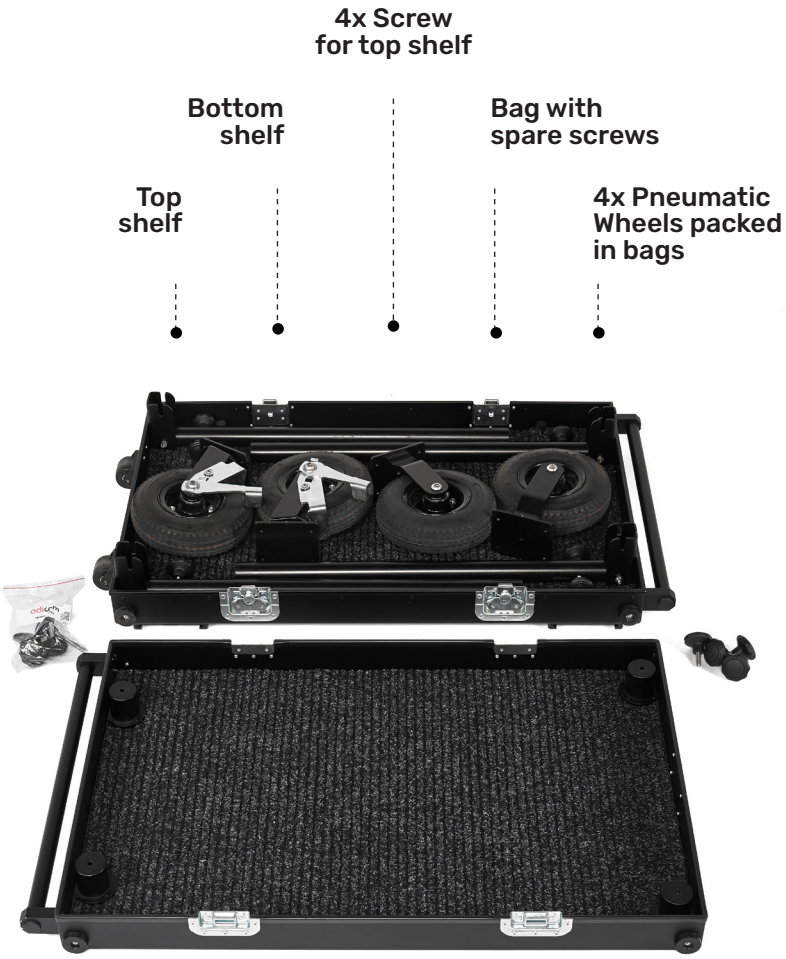
What's in the Box?



Note. Please inspect the contents of your shipped package to ensure you have received everything that is listed.

Cart assembly

01

Place the folded transport cart flat on the floor with the upper platform facing upwards. The upper platform is the one without wheel slots and additional small transport wheels mounted on the shorter side of the platform.

02

Open the outer locks of the folded cart.

03

Lift the upper platform and set it aside. It is convenient to place the platform against the wall (or a solid object) on its longer side or lay it flat with the rubber sealing facing the floor.

04

Take out all the parts, as shown in the image.

05

Lift one side of the lower platform by approximately 25 cm and slide the swivel wheel fork into the wheel slot located close to the edge with the handle. Secure the wheel against sliding out by using the lock on the upper side of the lower platform above the wheel slots – the lock must descend visibly, meaning that it is fully locked. Also ensure that the wheel fork has been completely slid into the wheel slot (the upper plate of the fork has been entered into the slot completely).

06

Slide the fixed wheel fork into the other wheel slot located on the same longer side of the platform. Secure the wheel against sliding out by using the lock on the upper side of the lower platform above the wheel slots – the lock must descend visibly, meaning that it is fully locked. Also ensure that the wheel fork has been completely slid into the wheel slot (the upper plate of the fork has been entered into the slot completely).

Note. Lift the other side of the lower platform and repeat the actions performed for the first two wheels.

07

Lift the legs to a vertical position and secure them in place using the bottom locks. The leg holders are constructed in such a way that the clamping bolts should automatically enter their slots while lifting the legs to the vertical position, which prevents the leg from falling on the lower platform (even though the clamping bolt has not been tightened yet). However, when lifting the legs upwards, make sure that they have entered their slots, and that the legs will not fall under their own weight.

Note. Note. If you want to install holders for additional cart accessories, now is the time do slide these holders onto the legs.

08

Place the upper platform, with its inner surface facing upwards, onto the lifted and locked legs. Due to the different leg spacing on each platform side (which enables the legs to lie next to each other on the cart's lower platform), the upper platform can be installed in only one way (the sockets with wider spacing on one side of the upper platform match only the legs with wider spacing on the same side of the lower platform). Carefully slide the upper platform sockets onto the vertically positioned legs and make sure that the upper platform rests flat and firmly on the legs, and that the legs are fully inserted into the sockets.

09

Take the upper clamping bolts from the lower platform and screw them into the threaded holes in the upper ends of the legs, pressing the upper platform against the legs. For longer journeys, you can also screw the upper clamping bolts into the endings of the legs, while they are lying flat on the cart's lower platform. In this way, they will be fixed in one position which prevents them from being lost.

10

Version 1

Only for adicam Standard version

Version 2

Tighten the lower clamping bolts on the legs to stabilize the cart frame (this fixes the legs to their bottom holders).

Now the cart is ready for use.

Practical remarks

The transport cart is equipped with brakes mounted on the swivel wheels. These brakes are designed to be foot operated and enable the user to set the braking force by turning the brake regulator. With this feature, you can use the brake not only to immobilize the cart (in which case, the regulator should be pushed in completely), but also to make pushing the cart on slopes easier and safer. When moving the cart with partially engaged brakes, make sure that the braking force on both wheels is similar (so that the cart will not turn) and stay alert to be able to push the brake fully in case the cart is accelerating too rapidly.

When using additional accessories to hang heavy equipment that remains outside of the cart, ensure appropriate cart balance to prevent it from falling over. When balancing the cart, place the load on the lower platform (to lower the centre of the mass as much as possible) so that the centre of the mass is in the centre of the cart. Therefore, if the additional equipment is hanging outside one of the cart's shorter sides, the additional load should be placed close to the opposite side on the lower platform. When preparing the cart, after all accessories have been installed, it is recommended that the cart is tilted (while standing by to protect it from falling over), to ensure that it is properly balanced. If a loaded cart falls over on someone, it can cause serious injuries! After assembly, secure the butterflies of the outer locks by placing them in a position closest to the cart's side frame. Butterflies left in the „open" position may hit walls, door frames or locks when passing through the narrow passages, which may cause damage to the outer locks or to the hit surfaces.

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Cart folding

Note. To fold the cart, follow the assembly procedure in reverse order.

1. Loosen the cart's lower clamping bolts.
2. Screw out the upper clamping bolts from the threaded holes in the upper endings of the legs. Put the removed clamping bolts in the cart's lower platform.
3. Remove the upper platform from the legs and set it aside. It is convenient to place the platform against the wall (or a solid object) on its longer side, with the inner surface facing the user or lay it flat with the rubber sealing facing the floor.
4. Unlock (lift) the lower leg locks and place the legs flat on the inner surface of the cart's lower platform. You can screw the clamping bolts of the upper legs into the upper endings of the legs to prevent them from getting lost and moving freely inside the folded cart. If any accessory holders are installed on the legs, remove the pipes from these holders and loosen the holders on the legs, placing them so that they are positioned properly on the lower platform's surface (if they are supposed to remain on the legs).
5. Unlock the swivel wheel lock, remove the wheel and put it on the inner side of the cart's lower platform.
6. Unlock the other wheel on the same side of the cart (the fixed wheel), remove the wheel and put it on the inner side of the cart's lower platform. It is best to place the wheels on the lower platform so that the forks face each other, and the tyres face the legs. In this way, they will remain in a fixed position, and the cart legs will not get scratched by the wheel forks.
7. Place one side of the lower platform on the floor (the side with wheels removed), so that the longer side without wheels rests on the ground.
8. Unlock the swivel wheel lock, remove the wheel and put it on the inner side of the cart's lower platform.
9. Unlock the remaining wheel (the fixed wheel), remove the wheel and put it on the inner side of the cart's lower platform. Place the lower platform flat on the floor.
10. As with the first two removed wheels, it is best to place the wheels on the lower platform, so that the forks face each other, and the tyres face the legs. Furthermore, the swivel wheels should be placed with their brakes facing the upper platform. In this way, they will remain in a fixed position, and the cart legs will not get scratched by the wheel forks.
11. Make sure that all cart parts are placed on the lower platform (wheels, cart legs lying flat on the platform, upper platform clamping bolts).

12. Place the upper platform (which now becomes the upper side of the case) on the lower platform, so that the handle of this platform is on the same side as the small transport wheels on the lower platform. After ensuring that the upper side is placed properly on the bottom side, lock all four outer locks.

13. After making sure that the outer locks are properly locked (they have clamped the upper and bottom sides together), you can safely lift the folded cart. The transport handle of the upper platform, in combination with the small transport wheels, enables you to place the folded cart in a stable vertical position.

General description of size and load capacity

Model type	Folded cart dimensions	Assembled cart dimensions	Weight		Capacity
	height / width / lenght		without accessories		max load
adicam MINI	150mm / 630mm / 860mm	980mm / 630mm / 860mm	8" Wheels	28,5kg	150kg
adicam MINI+	175mm / 630mm / 860mm	1035mm / 630mm / 860mm	9" Wheels	37kg	200kg
adicam STANDARD	175mm / 630mm / 1045mm	1025mm / 630mm / 1045mm	9" Wheels	37kg	200kg
adicam STANDARD+	175mm / 630mm / 1045mm	1025mm / 630mm / 1045mm	9" Wheels	40kg	200kg
adicam MAX	180mm / 630mm / 1260mm	1035mm / 630mm / 1260mm	9" Wheels	41,5kg / 43kg with built-in mounting together with the crossbar	250kg
adicam MAX+	180mm / 630mm / 1260mm	1035mm / 630mm / 1260mm	9" Wheels	47kg	250kg

*Modifying the type of wheels used with the product may result in a variance of its weight and height dimensions.

Practical advice

A folded transport cart is relatively heavy, and it may be difficult for a single person to take it out, especially with high vehicles or deep car trunks with high edges. From our experience, we found that when the unloading is done by a single person, it might be much easier to assemble the cart while it is still in the car trunk. After opening the outer locks, lifting the upper platform and removing the wheels (and putting these elements next to the car), the lower platform is much lighter and can be easily taken out even from a deep car trunk. In most cases, the adicam transport cart is used for transporting filming equipment from the car to the movie set or to the warehouse, which involves assembling the cart anyway; therefore, doing it before taking the cart out of the car does not come as an additional work.

Basic safety rules - safety first!

Owing to its large wheels with special bearings, the adicam transport cart offers exceptionally low rolling resistance. As a result, even a fully-loaded cart does not require much force, and it can be easily operated by a single person. However, remember that a loaded transport cart, even while moving with a low, walking speed, has a dangerous amount of energy and stopping it right away is practically impossible. If a loaded moving cart collides with a person or an obstacle, this may result in serious injury or damage. Furthermore, slopes pose a danger for a loaded cart that has not been immobilized. Even on a gentle incline, a fully loaded cart rolling down exerts a force impossible to control and stop by an average person. Imagine the damage it may cause if left unattended! Act responsibly when using your cart and remember that you are the guarantor of its safe use.

Tyre markings

Tyres are typically coated with a variety of substances during the production and transportation process to facilitate handling and storage. Some of these substances may go into chemical reaction with a certain type of floor surfaces, causing marking, softening and staining. To avoid soilage of the flooring surface, it is advisable to perform a series of mild breaking in procedures during the initial use of the cart in a neutral area, as these substances may be released and leave marks and stains on the floor. **Wooden and epoxy floors are particularly sensitive to soilage when in direct contact with the tyre.**

Maintenance

The adicam transport cart does not require special maintenance, apart from regular cleaning and measuring the tyre pressure. If the mechanical locks are covered with dirt (mud), they should be cleaned with a brush. Wipe and dry all wet parts. No cart parts require any greasing or additional maintenance.

Storage

When storing the cart for longer periods, disassemble it, clean it and dry it thoroughly, before folding into a case. Leaving the cart parts wet and/or dirty for longer periods of time may make it impossible to use or lead to damage.

Warranty and service

As a manufacturer, we provide a two-year warranty period for this product from the date of its purchase. The warranty covers only defects regarding the used materials or the product's performance that were present at the time of its purchase. The product will be repaired or replaced free of charge during the warranty period if it is recognized as faulty due to these defects. Proof of purchase must be presented (bill or invoice). The warranty does not cover any damage caused by wear and tear, overstrain, improper use or use of inappropriate accessories.

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