provita medical

provi DOCK

FAQ

Frequently Asked Questions

FAQ – MOBILE TRANSFER CART

GENERAL

1. Are there specific „example configurations „for medical devices?

+ Unfortunately, no, because the situations in hospitals are extremely varied, and the medical requirements often differ significantly. However, you can take a look at refernces for our mobile transfer cart → Refernces

2. Does the size selection of the mobile transfer cart only matter because of the payload?

+ The size selection does matter to some extent. In addition to the payload, the size of the lift is crucial for the correct size selection of the mobile transfer cart. In general, the larger, the better, as this ensures that safety during use is optimally guaranteed.

3. Where and for what purpose is a mobile transfer cart used?

+ A mobile transfer cart is primarily used in clinical environments, particularly in hospitals and specialized medical facilities. It is designed to securely and flexibly attach medical devices to the patient bed or transport stretchers. This enables quick mobilization of patients while carrying important medical equipment such as infusion pumps, monitors, or ventilators. By using a docking trolley, patient care is improved, efficiency in daily hospital operations is increased, and safety during transport is enhanced.

4. Can the „provi-Dock“ be attached to any bed?

+ In principle, the provi-Dock is designed to be adapted to a wide range of common bed models. However, an individual check of the specific bed dimensions and construction is necessary to ensure a secure and stable attachment. Factors such as the width of the bed, the distance and position of the wheels, and the material of the bed ends must be considered. Only by doing this can it be guaranteed that the provi-Dock functions reliably and that safe patient care is possible at all times.

5. Are „stretchers“ (patient transport beds) also suitable for carrying the provi-Dock?

+ Yes, the provi-Dock is also suitable for patient transport stretchers. It is important to ensure that the construction of the stretcher allows for a stable and secure attachment of the docking trolley. The frame construction, load capacity, and mobility of the stretcher must be carefully considered. A thorough inspection in advance is essential to ensure the stability and tipping safety during transport, as well as to ensure optimal medical care for the patients.

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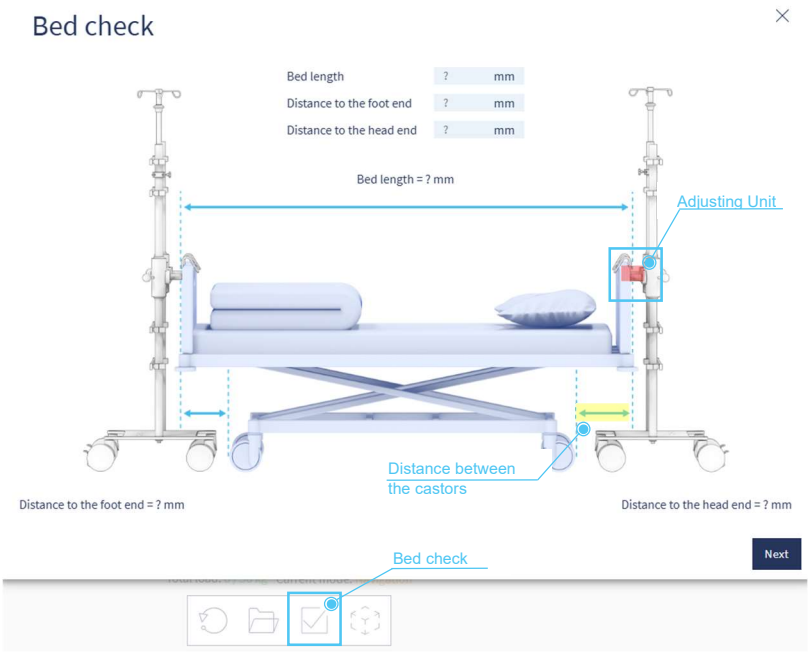
TECHNICAL SPECIFICATIONS & INSTALLATION

6. What bed measurements are important to take?

+ The most important measurements are the length of the bed and the distance of the wheels (in the worst case, when turned) to the end of the bed. When considering the distance of the wheels, it is important to ensure that our wheels on the docking trolley can move under the bed without collision.
The most important measurements can be found in the "Bed Check," which is available in our configurator at the end, just before you finalize the configuration. To access it, click on the checkmark symbol in the navigation bar below → provita Configurator.



To the bed check file

7. Which adjustment unit should be used and why?

+ The choice of the adjustment unit depends on the size of the respective bed as well as the available space required for collision-free wheel movement. The length of the adjustment unit should be designed in a way that ensures smooth and safe adjustment, without causing collisions or blockages.

Item number: Z-DOCK43 / Z-DOCK50 / Z-DOCK44

8. Why use the „open“ push handle?

+ This prevents the push handle from being used as a device holder. "Mis-use" is therefore best avoided.

Item number: Z-DOCK45

9. When should you use balls and when should you use tubes?

+ The balls reduce the space restriction in the adjustment area of the docking trolley. With tube handles, there is a higher risk of collision with mounted devices.

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10. What is important regarding the distance of the device rails?

+ The distance is determined by the devices being carried. These should be operable without restriction. It should also be noted that the sizes / dimensions of medical devices can vary from hospital to hospital.

11. When is a potential equalization used?

+ A potential equalization is used to balance electrical voltage differences between different conductive parts of a system or device. This ensures safety and prevents the risk of electric shock, especially in systems or devices that come into contact with electrical power sources. Although potential equalization is not frequently required for the docking trolley in practice, it is always included in the delivery package.

12. Are there cases where fewer or more rails are used?

+ Yes, this depends on how many medical devices need to be carried.

13. When should a monitor holder be mounted on a standard rail and when on a round tube?

+ The monitor holder is typically mounted on a standard rail when flexibility in positioning the monitor is desired, as the standard rail allows for various adjustments. However, mounting on the round tube is preferred in most cases because it is generally more stable and robust. The round tube provides higher load-bearing capacity and is ideal for applications where the monitor needs to be securely and firmly mounted.

APPLICATION AREAS & COMPATIBILITY

14. When would you mount devices on both sides of the mobile transfer cart?

+ This depends on the operator, as the double rails on both sides double the available space. On the other hand, sometimes it is easier and more advisable to mount medical devices on the bed side.

15. Could it be that you need an additional stand? What are the implications?

+ Yes, an additional stand may be necessary if medical requirements demand it, such as when multiple devices need to be used simultaneously or if additional stability is required. The number of stands influences the placement and weight distribution of the docking trolley and can increase flexibility in its use.

16. When should the „fixed“ locking mechanism be used instead of the „hook-in-hooks”?

+ For plastic bed headboards, it is recommended to use the hook-in hooks. This way, the plastic parts are protected from potential damage.
The locking mechanism provides a firm connection and once fully assembled, is more secure than the hooks.
When using the docking trolley, an additional hand movement is required: if the lever is not moved into position, there is no secured connection between the docking trolley and the bed.

SAFETY & MAINTENANCE

17. Is it sometimes necessary to use larger castors? If yes, why?

+ By default, castors with a diameter of Ø125 mm are used.
However, larger castors may be necessary in certain situations because they can more easily and safely overcome gaps and height differences – such as those encountered when exiting elevators.
Using larger castors slightly raises the device’s center of gravity, which can impair its stability and tilt resistance.
For stability reasons, larger castors should not be used with model IDOCK410 (Size S).

The article numbers with larger castors are:

IDOCK515 (M) – Ø150 mm

IDOCK615 (L) – Ø150 mm

IDOCK410 (S) – Larger castors are not recommended.

18. How many castors are braked?

+ IDOCK410 – 4 braked castors Ø 125 mm

+ IDOCK510 – 2 braked castors Ø 125 mm

+ IDOCK610 – 2 braked castors Ø 125 mm

+ IDOCK515 – 2 braked castors Ø 150 mm

+ IDOCK615 – 2 braked castors Ø 150 mm

19. When should the brake function of the castors be activated?

+ The brake function should be activated whenever the device is in its parked position or not in motion, to prevent it from rolling away unintentionally.
This ensures additional safety and stability, particularly when the device is temporarily left unattended.

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CUSTOMIZATION & SPECIAL SOLUTIONS

20. When should a drawer be included?

+ Some hospitals prefer not to dispense with a drawer on the docking trolley.
However, installing a drawer should generally be avoided, as opening it creates a large lever effect, which could reduce the trolley's stability.

21. Can provita offer customized solutions?

+ Yes, provita offers tailor-made special solutions that are specifically adapted to the individual requirements and conditions of the customers.
To support the selection process, provita also provides a user-friendly online configurator. This tool allows important technical details such as bed dimensions, adjustment options, and accessories to be considered individually right from the planning phase.
Using this configuration, all special requests can be captured precisely, ensuring that all specific requirements are met.