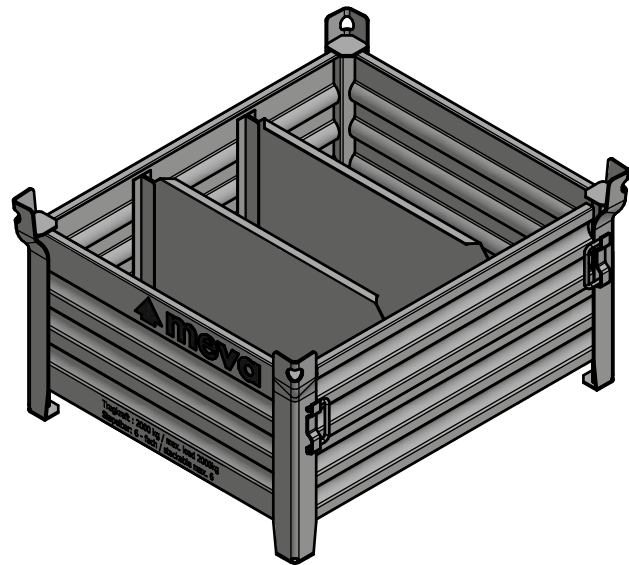




Storage Box 120/100

Operating Instructions



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1. Product description / technical data

Ref. no. 27-000-10 Weight 102 kg
Coated. Stackable. Can be used to store assembly locks, anchoring material and other accessories. Equipped with removable partitions and a hinged front flap. Stacking height 60 cm, see section 5. Permissible load capacity 2,000 kg (20 kN).

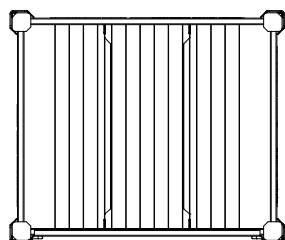
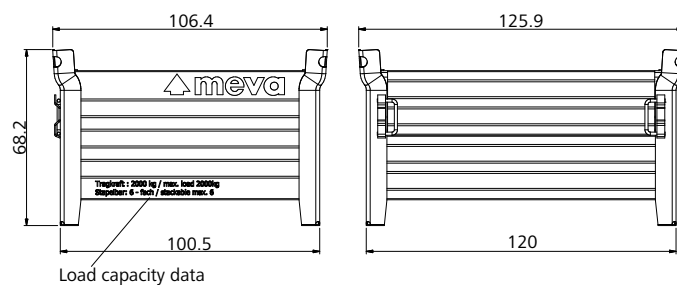


Fig. 1

2. Preventive measures and safety instructions

2.1. Information about the operating instructions

- You must read the operating instructions carefully before using the storage box 120/100 for the first time and make the information provided available to all persons who are authorized to use the storage box 120/100.
- The storage box 120/100 may only be used by authorised and trained personnel in accordance with the currently applicable national laws and regulations.
- Use the storage box 120/100 only for the applications described in these operating instructions. Impermissible use of the storage box 120/100 can result in damage and in extreme cases to danger to life and limb.
- When using the storage box 120/100, the crane rope must never be subjected to oblique pulling and the load must never be subjected to abrupt lifting or tilting strike during rotation.
- There must be no persons present below and/or on the raised load.
- The storage box 120/100 must not be used if the data plate is illegible (Fig. 1 and Fig. 10).
The total load capacity of the storage box 120/100 must never be exceeded (see sections 5 and 8).
- A damaged storage box 120/100 must not be reused.

2.2. Information about use

- Before using it for the first time, the storage box 120/100 must be inspected in accordance with section 6 of these operating instructions.
- Before each use, visually inspect the storage box 120/100 for damage and ensure it is complete and that it functions correctly.
- The storage box 120/100 must only be used for its intended purpose.
- Check that the load is distributed evenly.
- During the lifting process ensure that the load does not swing to and fro or strike other parts. The tips of load hooks must not be subject to load and must move freely in the attachment eyelet (Fig. 5 and Fig. 6).
- Loads must be picked up and set down in such a way that the load cannot fall over, fall apart or slide away unintentionally.
- There must be no load and/or persons on the units nor should anyone climb onto the units.

3. Precautionary measures!



There is a risk of crushing accidents during the entire period of use.



Warning of suspended loads.
It is not permitted to transport the load above other people.

Make sure there is nobody in the hazardous area in the vicinity of the load. Use only lifting gear with lifting chains. The load hooks on the lifting chain must be correctly closed and move freely in the attachment eyelets of the storage box 120/100 (Fig. 5).

Ensure that the necessary personal protective equipment required for the use of the storage box 120/100 is available and used for its intended purpose:



- Safety helmet
- Safety footwear
- Safety gloves
- Safety glasses

4. Behaviour in the event of an accident – First aid



- Secure the scene of the accident
- Provide first aid
- Inform the first-aid officer and the supervisor
- Tend to the injured person(s)

5. Correct use

The storage box 120/100 is used to store and transport assembly locks, anchoring material and other small items. The storage box 120/100 can be stacked (Fig. 2) and is equipped with a front flap (Fig. 3) on the long side as well as two removable partition walls (Fig. 4). The floor and walls are made of profiled sheet steel with reinforced edges. The storage box 120/100 can be relocated by crane (Fig. 7), forklift truck (Fig. 8) or lift truck.

The maximum load capacity is 2,000 kg (20 kN).

- Dimensions: 120 x 100 cm
- Filling height: 50 cm
- Ground clearance: 10 cm
- Stacking height: 60 cm
- Stackability: 6 off
- **Load capacity: 2,000 kg (20 kN)**
- Superimposed load: 10,000 kg (100 kN)



The storage box 120/100 may only be used by authorised and trained personnel.

Only material that is in perfect condition may be used.

Ensure that damaged parts cannot be reused. Only original MEVA parts may be used as spare parts or accessories.

5.1 Transport instructions

The storage box 120/100 can be transported in various ways:

- By crane. Ensure that no persons are located in the danger zone of the load. Use only a 4-rope crane sling with lifting chains. The lifting chains must be able to move freely in the attachment point, and the hook must be closed and secured to prevent it disengaging inadvertently. Crane hooks must be attached to all four crane eyes at all times (Figures 5 to 7).
- Transport using a lift truck
- Transport using a forklift truck. The length of the forks must correspond to the dimensions of the storage box 120/100 (Fig. 8).

Check the suitability of the lifting tackle used.

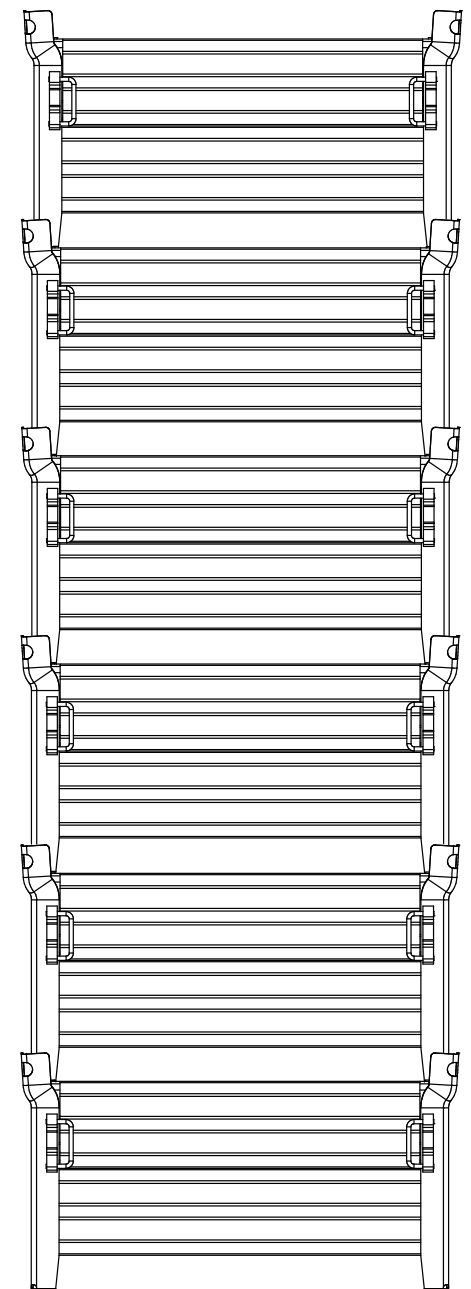


Fig. 2: Six storage boxes stacked one on top of the other



Fig. 3: Front wall flap closed

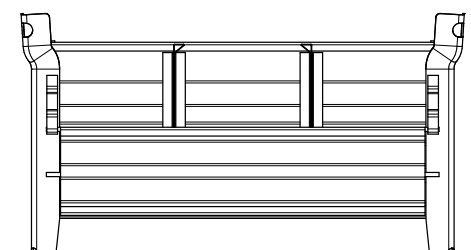


Fig. 4: Front wall flap open

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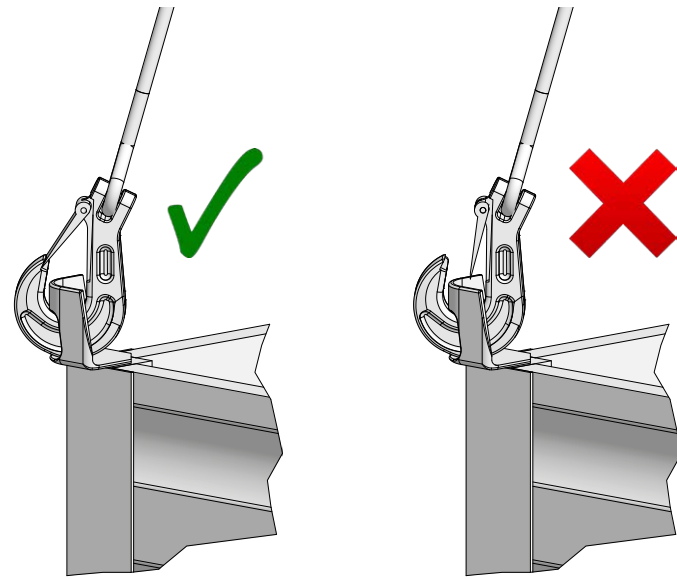


Fig. 5: Load hook closed

Fig. 6: Load hook open

Important

Before use, check the storage box 120/100 for damage. Profiles and welds in the area where the crane hook is attached must be free of damage.

5.2 Avoidable misuse



- The total load capacity of 2,000 kg (20 kN) must not be exceeded. The opening angle of the crane slings must not exceed 60°.
- The storage box 120/100 must be located at a position suitable for taking up a load. The ground should be even, slip-resistant and capable of bearing the load.
- The lifting tackle must be approved for the total load capacity (see section 5).
- A maximum of six storage boxes 120/100 are to be stacked one on top of the other for storage purposes (Fig. 2, stability).

Attention



Persons must never be located on the load being transported when this is being moved or is suspended. Furthermore, ensure that there are no loose objects on the unit when it is being moved.

In all phases of use:



- Injuries to hands and fingers can occur due to the sharp edges of the storage box 120/100.
- The stack can strike you or other persons.

5.3 Crane ganging



Attach the crane sling's load hook to the attachment eyelet (Fig. 5) on the storage box 120/100 so that it cannot slide out of the eyelet when a rope or chain is slack. All **four load hooks** must be attached at all times (Fig. 7).

The lifting chains must be able to move freely in the attachment point, and the hook must be closed and secured to prevent it disengaging inadvertently (Figures 5 and 6).

6. Inspection and maintenance

6.1 Inspection before first use

The storage box 120/100 underwent a final inspection before leaving the factory and is suitable for the corresponding usage. However, before being used for the first time, the storage box 120/100 must be checked by a specialist for any damage that has occurred during transport or due to other causes.

6.2 Inspection

The storage box 120/100 must be visually inspected before every use in accordance with the applicable national industrial safety regulations for damage, deformation, corrosion, cracked welds or incipient cracks in welds, etc. Ensure that the storage box 120/100 is complete and that moving parts are secure, and check it for correct function and wear. Damaged products must be not be reused. The load capacity data must be legible (Fig. 1 and Fig. 10).

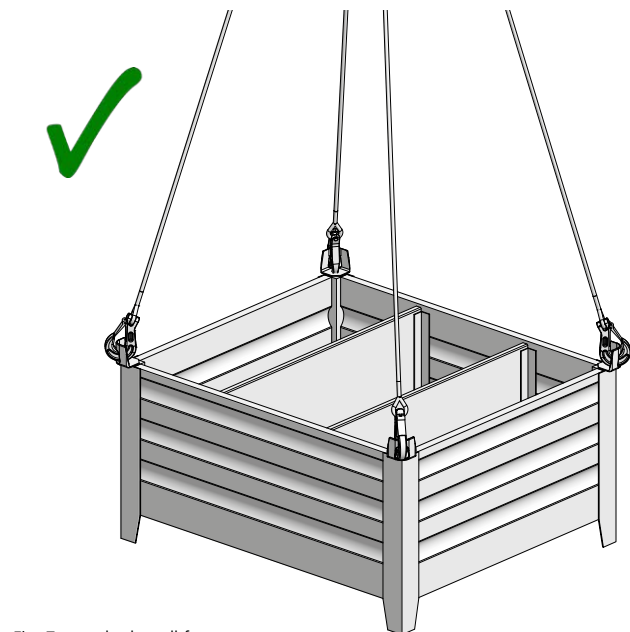


Fig. 7: attached to all four crane eyes

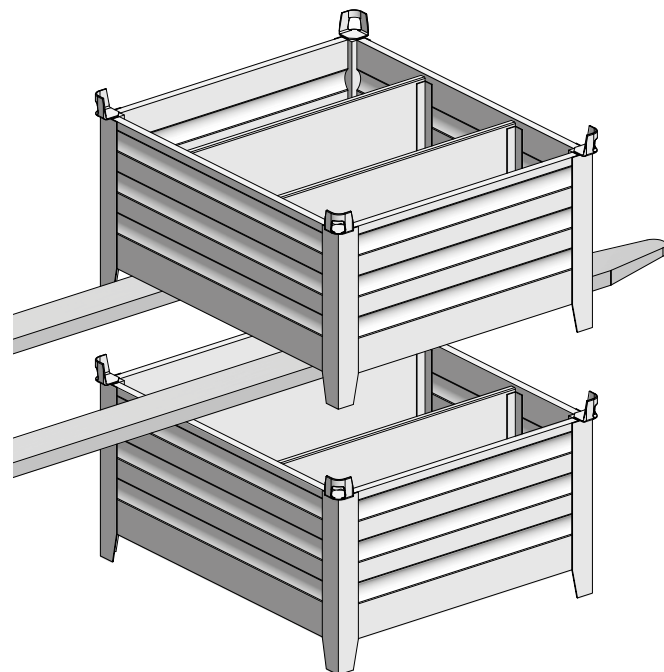


Fig. 8: Transport using a lift truck



During use of the storage box 120/100, the following must be observed:

- The load capacity of 2,000 kg (20 kN) for each storage box 120/100 must not be exceeded.
- Do not exceed the permissible uniform superimposed load of 10,000 kg (100 kN).
- The maximum permissible filling height of 50 cm must be observed.
- A maximum of six storage boxes 120/100 may be stacked one on top of the other for reasons of stability.
- Use the storage box 120/100 in such a way that the lifting device, the lifting tackle and the load cannot accidentally unhook.
- Ensure that no persons are located in the danger zone.
- Ensure that the ground is even and capable of bearing the load when setting down the storage box 120/100.
- If defects are determined that cannot be repaired, the storage box 120/100 is to be disposed of correctly (see section 10).

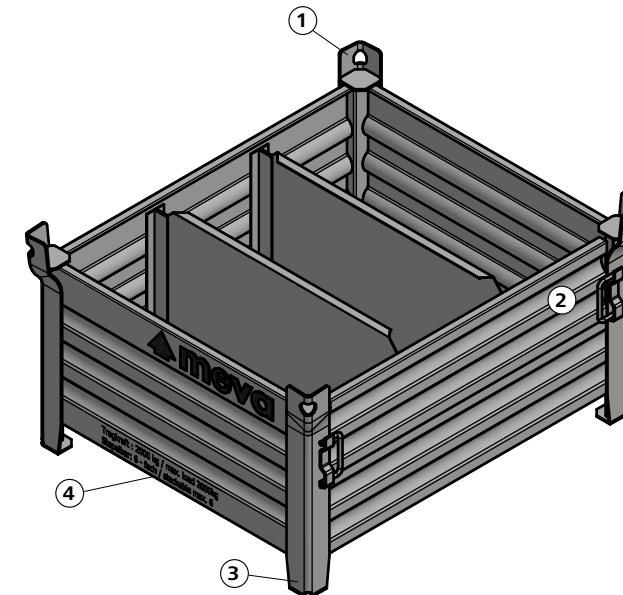


Fig. 9



The storage box 120/100 must be replaced if

- ① the stacking frame or a corner column is deformed.
- ② the front wall flap cannot be moved or is deformed to such an extent that it can no longer be closed.
- ③ the base frame or feet are bent in such a way that the storage box 120/100 no longer stands evenly on four feet or can no longer be safely stacked.
- ④ the load capacity data is no longer legible.

6.3 Extraordinary inspection

The storage box 120/100 must be subjected to an extraordinary inspection performed by a specialist after a case of damage or an exceptional occurrence that could influence the load-bearing capacity as well as after repairs.

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6.4 Maintenance

Any contamination on the on the stacking frame (① Fig. 9) of the storage box 120/100 must be completely removed.

7. Repairs

Repairs must be performed by MEVA or by companies authorised by MEVA. The storage box 120/100 may only be used in its original condition. MEVA assumes no liability for modified products.

8. Load capacity data

The data plate is stamped on the storage box 120/100.

Tragkraft : 2000 kg / max. load 2000kg
Stapelbar: 6 - fach / stackable max. 6

Fig. 10

The maximum load capacity is 2,000 kg (20 kN).



The storage box 120/100 must not be used if the load capacity data is missing or illegible (Fig. 1 and Fig. 10).

9. Storage

Ensure that the storage box 120/100 is stored so that it is suitably protected against the effects of weather and aggressive substances insofar as these have a negative influence on safety.

10. Disposal

After use, dispose of this product in accordance with the laws and regulations that apply in your country.

11. Information for users

- In countries other than Germany observe the currently applicable national regulations and standards!
- If no country-specific regulations are available, we recommend that you observe the German regulations.
- A person with the necessary expertise must be present when the storage box 120/100 is being used.



Failure to comply with the information provided above will result in the loss of entitlements within the scope of the product liability as well as warranty entitlements.

The storage box 120/100 described here is not a lifting device as defined in the CE guidelines and hence does not require a CE marking.