

CF Transport Device 130

Operating Instructions



MEVA Schalungs-Systeme GmbH

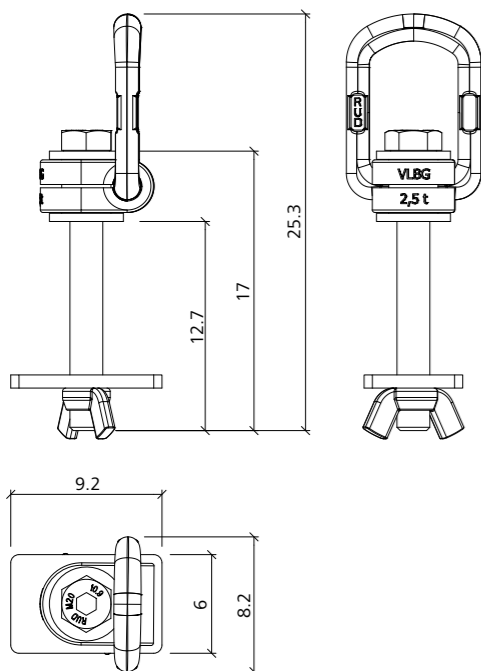
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1. Product description / technical data

Ref. no. 29-413-70, weight 1.7 kg
For vertical transport of column formwork. Bolted. Load capacity 12 kN (1.2 tons). Three CF transport devices are always required per transport unit.



2. Preventive measures and safety instructions

2.1. Information about the operating instructions

- You must read the operating instructions carefully before using the transport device 130 for the first time and make the information provided available to all persons who are authorized to use the CF transport device 130.
- The CF transport device 130 may only be used by authorised and trained personnel in accordance with DGUV R 109-017.
- Use the CF transport device 130 only for the use described in these operating instructions. Impermissible use of the CF transport device 130 can result in damage and in extreme cases to danger to life and limb.
- When using the CF transport device 130, the load must never be subjected to oblique pulling, abrupt lifting or tilting strike during rotation.
- There must be no persons present below and/or on the raised load.
- Never exceed the load capacity of the CF transport device 130 of 12 kN (1.2 tons).

2.2. Information about use

- Before using it for the first time, the CF transport device 130 must be inspected in accordance with section 6 of these operating instructions.
- Before each use, visually inspect the CF transport device 130 for damage and ensure it is complete, that moving parts are secure and that it functions correctly.
- The CF transport device 130 must only be installed at the position provided for this purpose.
- Ensure that the load is distributed evenly.
- During the lifting process ensure that the load attached to the CF transport device 130 does not swing to and fro or collide with other objects. The tips of load hooks must not be subject to load and must move freely in the attachment eyelet.
- Hang up empty load hooks if there is a risk that they can hook unintentionally.
- Loads must be picked up and set down in such a way that the load cannot fall over, fall apart, slide away or roll away unintentionally.

3. Precautionary measures!

- There is a risk of crushing accidents during the entire lifting process.
- 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 hook on the lifting chain must move freely in the attachment eyelet of the CF transport device 130.

Ensure that the necessary personal protective equipment required for the use of the CF transport device 130 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 CF transport device 130 is used to erect the CaroFalt column formwork and to transport it by crane. The CF transport device 130 is also used to connect the CF scaffold bracket and the CF cantilever angle to the CF column panel to enable attachment of the CF access platform.

Above a formwork height of 3.60 m the complete transport unit must be moved by crane using three CF transport devices for each column formwork.

The maximum load capacity is 36 kN (3.6 tons)

During use, the CF transport device remains attached to the formwork at all times.

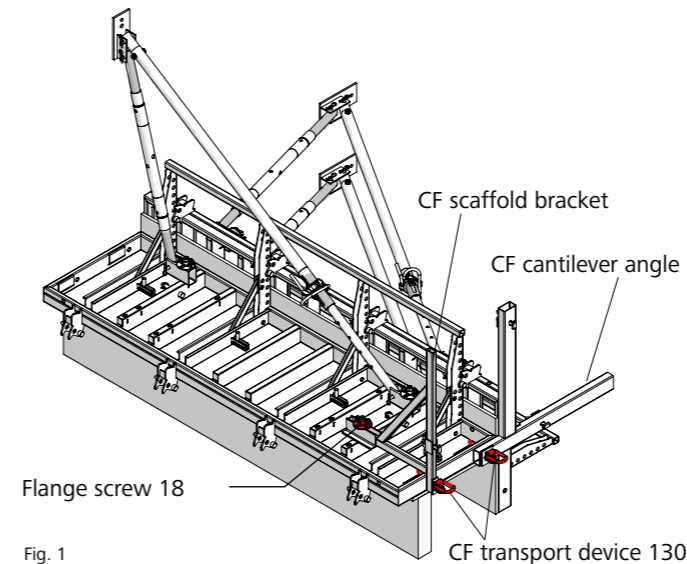


Fig. 1

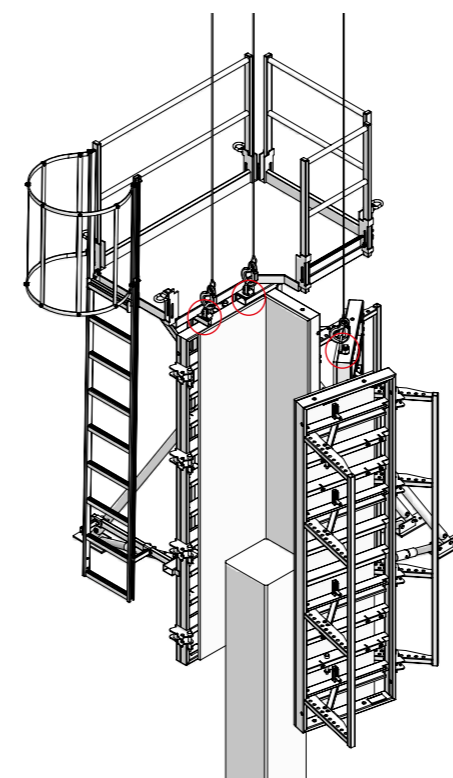


Fig. 2



The installation may only be performed by trained personnel who possess the necessary knowledge and skills (in accordance with the applicable national regulations).



Only material that is in perfect condition may be used. Ensure that damaged parts cannot be reused.

5.1 Installing the CF transport device 130

Remove the wing nut and the washer from the CF transport device 130 and insert the threaded rod through the transport hole in the CF column panel.

The CF transport device 130 is used to connect the CF scaffold bracket and the CH cantilever angle to the formwork to enable attachment of the CF access platform (Fig. 1).

Place the washer onto the threaded rod and secure the CF transport device 130 to the CF column panel using the wing nut. Attach the third CF transport device 130 to a transport hole in the opposite CF column panel as described above in order to transport the erected column formwork (Fig. 3).

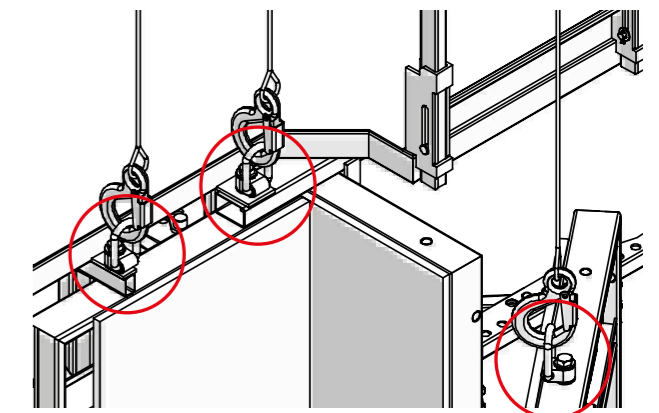


Fig. 3

Attention



Column formwork higher than 3.60 m must always be moved using a crane. When transporting the CaroFalt system with a crane, **three CF transport devices** must be used. When doing so, the column formwork is open (Figures 2 and 3).

Important

Before use, check the CF transport device 130 for damage. The wing nut and threaded rod in the area where the CF transport device 130 is attached must be free of damage.

5.2 Avoidable misuse

- Excessive loads
- Always attach three CF transport devices 130 to move the CF unit (Fig. 3).
- The wing nut must turn easily on the threaded rod.
- The washer must be installed.

Attention



Persons must never be present on the CF column formwork or the CF access platform to be transported, nor should objects be placed on these, when the column formwork is to be relocated.

In all phases of use



- Injuries to hands and fingers can occur due to the sharp edges of the CF column formwork.
- The CF column formwork can strike you or other persons.

5.2 Crane ganging

The CF transport device 130 may only be used under the supervision of a person with the necessary expertise and by suitably qualified persons. The suitably qualified persons must receive appropriate training in the work to be carried out with regard to specific hazards.

6. Inspection and maintenance

6.1 Inspection before first use

The CF transport device 130 underwent a final inspection before leaving the factory and is suitable for the corresponding usage. However, before being used for the first time, the CF transport device 130 must be checked by a specialist for any damage that has occurred during transport or due to other causes.

6.2 Inspection

The CF transport device 130 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 CF transport device 130 is complete and that moving parts are secure, and check it for correct function and wear. Damaged products must not be used and must be put to one side. The data plate and the load capacity data must be present and legible.

Important

Before installing the CF transport device 130, inspect the column panel for damage. Profiles in the area where the CF transport device 130 is attached must be free of damage. Furthermore, the attachment points on the panels must be free of contamination. Any necessary repairs must be performed by MEVA.



During use of the CF transport device, the following must be observed:

- Any contamination such as concrete residue or similar soiling on the CF transport device 130 must be completely removed.
- Check the screw for damage.
- Use the CF transport device 130 in such a way that the lifting device, the lifting tackle and the load cannot accidentally disengage.
- Ensure that the wing nut is tight.
- Do not exceed the load capacity (see section 5).
- Ensure that no persons are located in the danger zone.
- Ensure that the ground is even and capable of bearing the load.
- Remove all loose parts or secure them against falling.
- If defects are determined, the CF transport device 130 is to be disposed of correctly (see section 10).



Ensure that the material used is always in perfect condition. Ensure that damaged parts cannot be reused. Only original MEVA parts may be used as spare parts or accessories.

6.3 Extraordinary inspection

According to DGUV R 109-017, the CF transport device 130 must be subjected to an extraordinary inspection performed by a specialist after cases of damage or exceptional occurrences that can influence the load-bearing capacity and also after repairs. Accessories must be checked in accordance with their specific inspection requirements.

6.4 Maintenance

Any contamination such as concrete residue or similar soiling on the CF transport device 130 must be completely removed.

7. Repairs

Repairs must be carried out by the manufacturer and the CF transport device 130 may only be used in its original condition. MEVA assumes no liability for modified products.

8. Maximum load capacity

The maximum load capacity of the CF transport device 130 is:
12 kN (1.2 tons)

9. Storage

Ensure that the CF transport device 130 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

Render the CF transport device 130 unusable before 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 CF transport device 130 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.

Declaration of Conformity
for the purpose of the directive 2006/42/EC

Producer

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Person based in the community, who is authorised, to collect the relevant technical documentation:

Dr. Olaf Leitzbach
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states explicitly, regarding the product

- product description: **CF transport device 130**
- ref.-No.: **29-430-70**

which this declaration refers to, the appropriate regulations of the following EC-directive are considered:

- 2006/42/EC
Directive 2006/42/EC of the European Parliament and of the Council of 17 May 2006 on machinery, and amending Directive 95/16/EC (recast)

Source of the applied harmonized standards according to article 7 paragraph 2:

- DIN EN 13155:2009-08
Cranes – Safety – Non-fixed load lifting attachments
- DIN EN ISO 12100:2011-03
Safety of machinery – General principles for design – Risk assessment and risk reduction

Haiterbach, 2018-07-24

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(CEO)