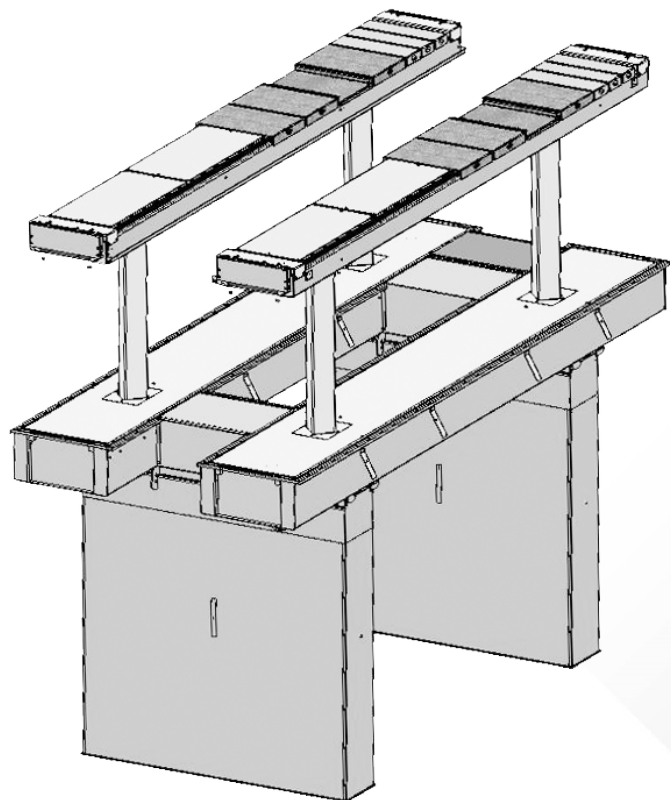


Four Post Inground Lifts

Technical Information

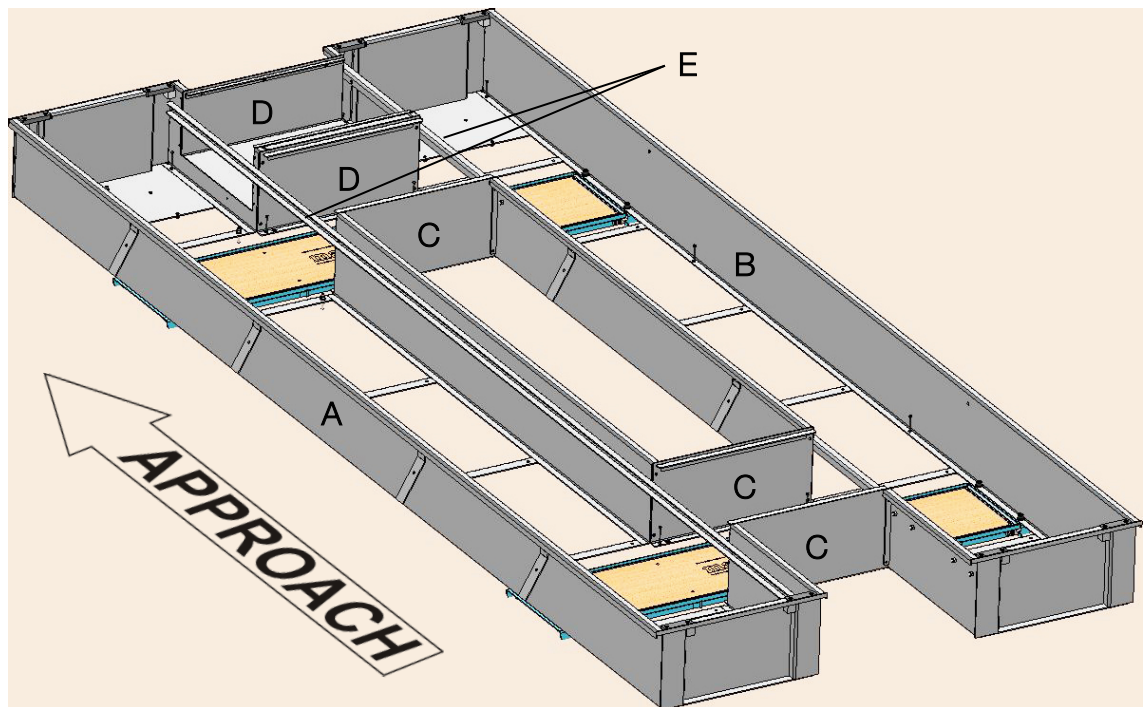
TI320001_011-en

Installation frame for runway support structures



Main components

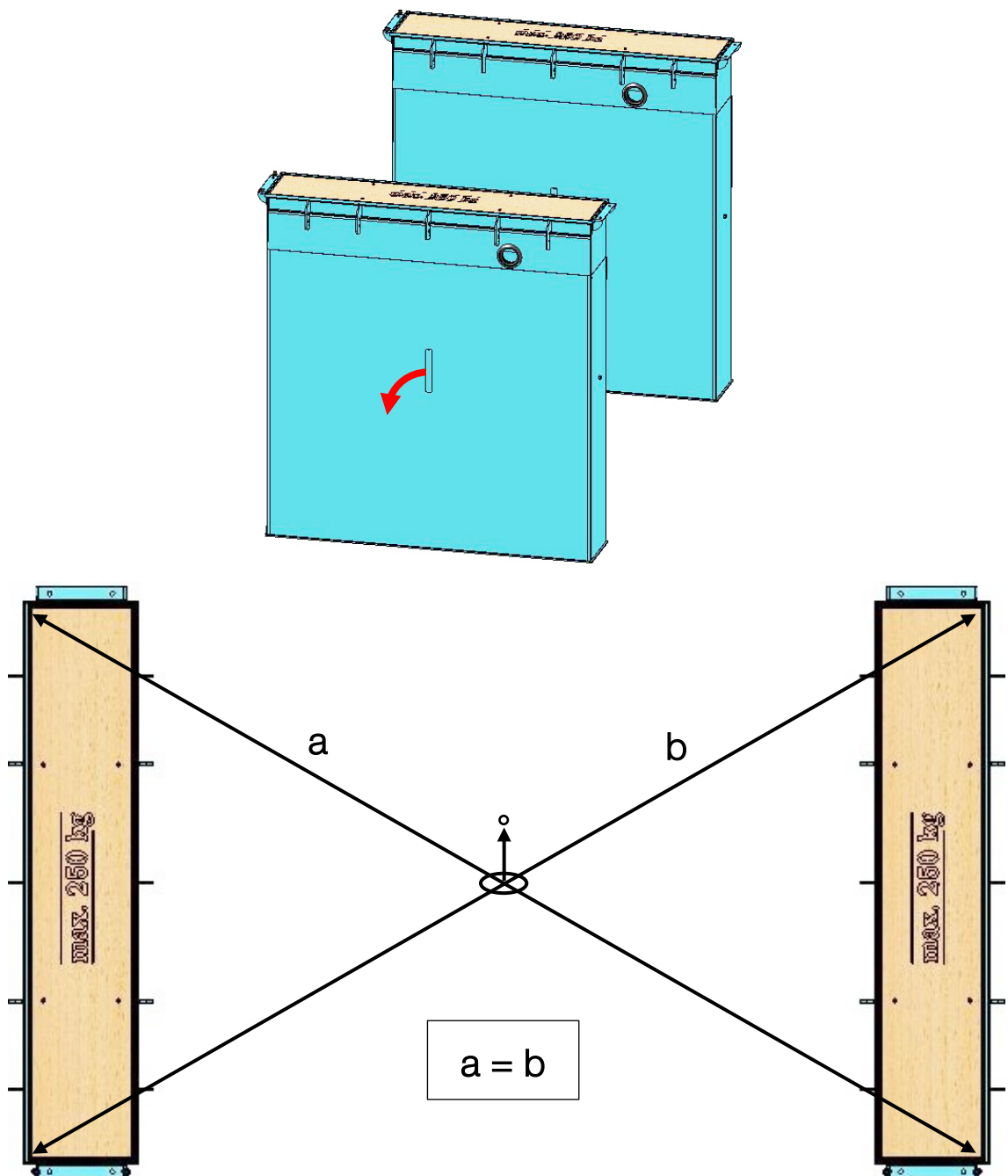
- | | | | |
|---|-----------------------|---|------------------------|
| A | Frame half, left-hand | B | Frame half, right-hand |
| C | Centre pieces | D | Axle lift shaft |
| E | Transport restraint | | |



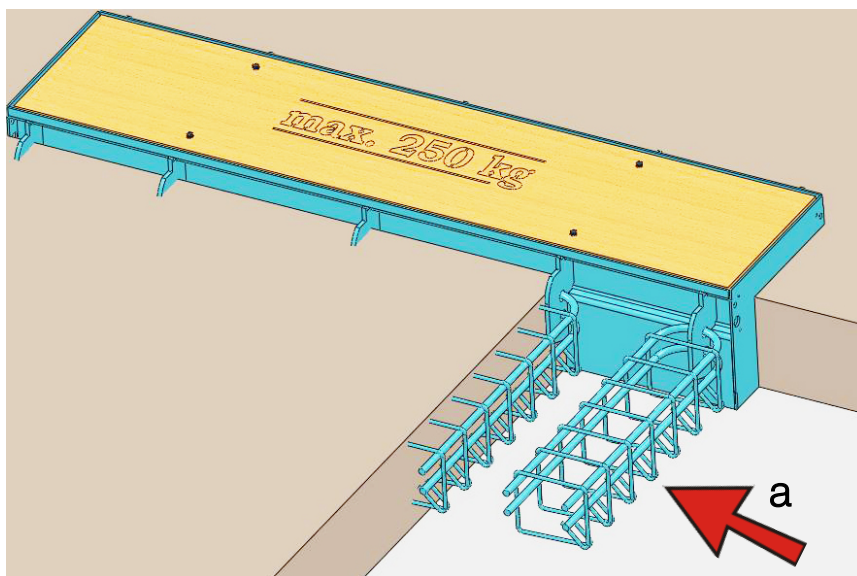
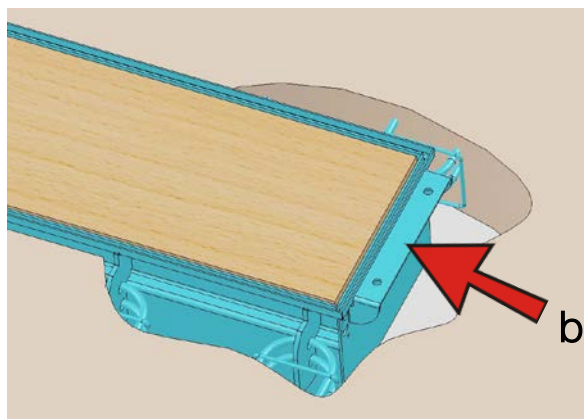
NOTE

Steps 1 to 12 must be performed by the customer on site.

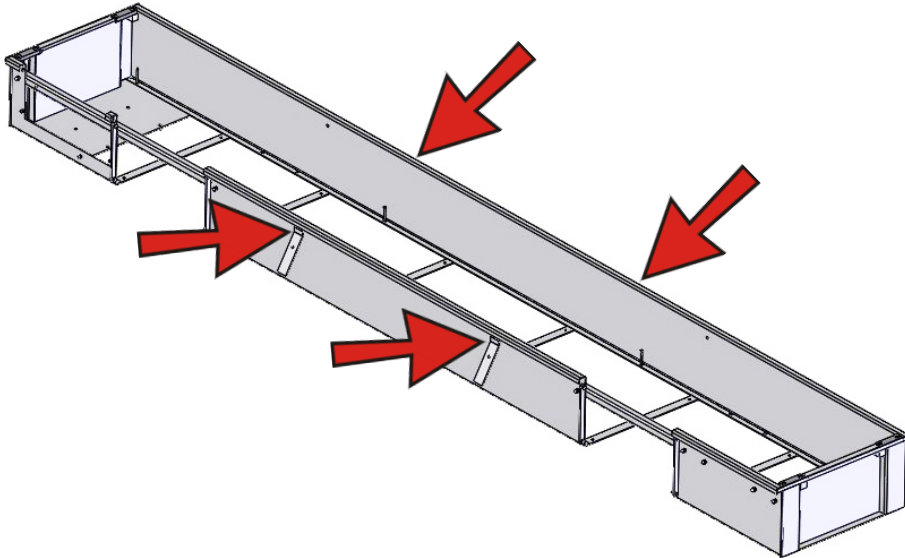
- 1**
 - a. Check boxes for visible damage.
 - b. Bend the boxes' support lugs outwards.
 - c. Lay the boxes in accordance with the foundation plan, taking note of water outflow.
 - d. Check that the boxes are aligned correctly and that the corner points have the same height.



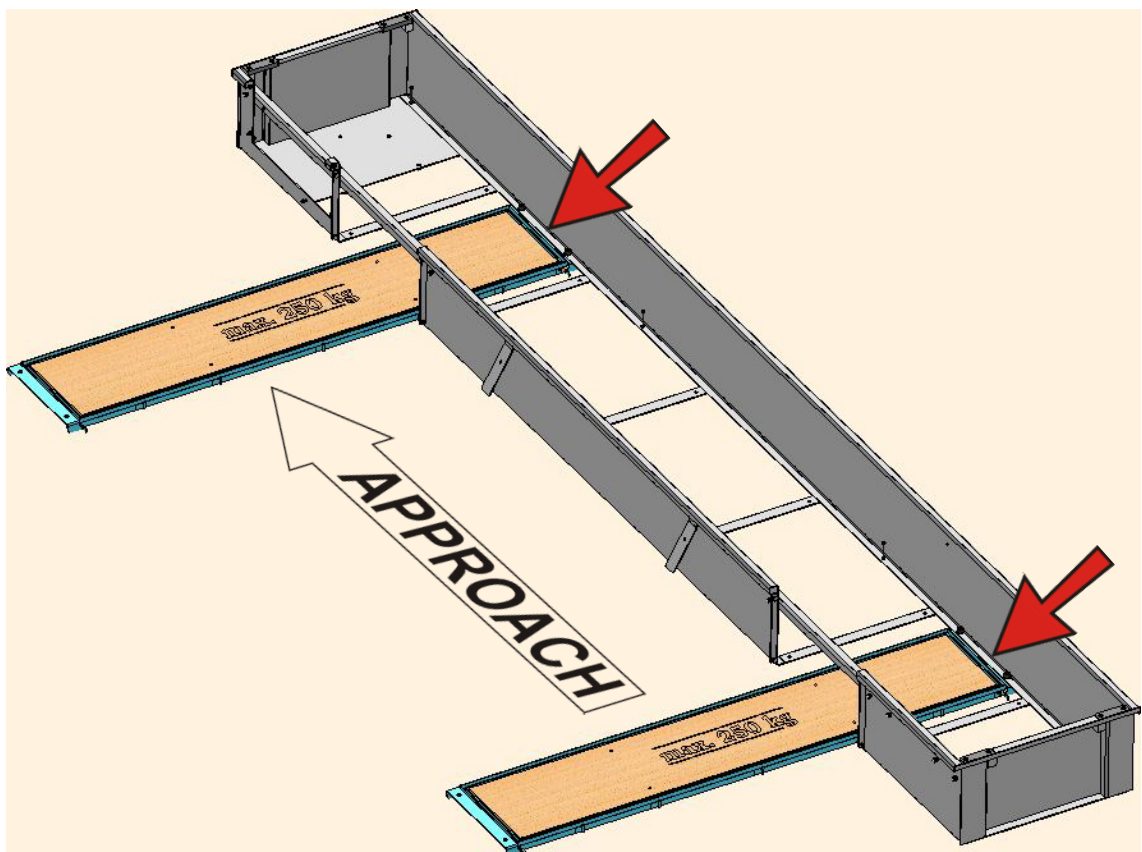
- 2
- a. Attach reinforcement in accordance with foundation plan.
 - b. Mount fixing brackets to both sides of box.
 - c. Apply empty conduit.
 - d. Fully encase box in concrete.
 - Wooden cover must be inserted before encasing.
 - Protect frame from becoming soiled and remove concrete residue immediately.



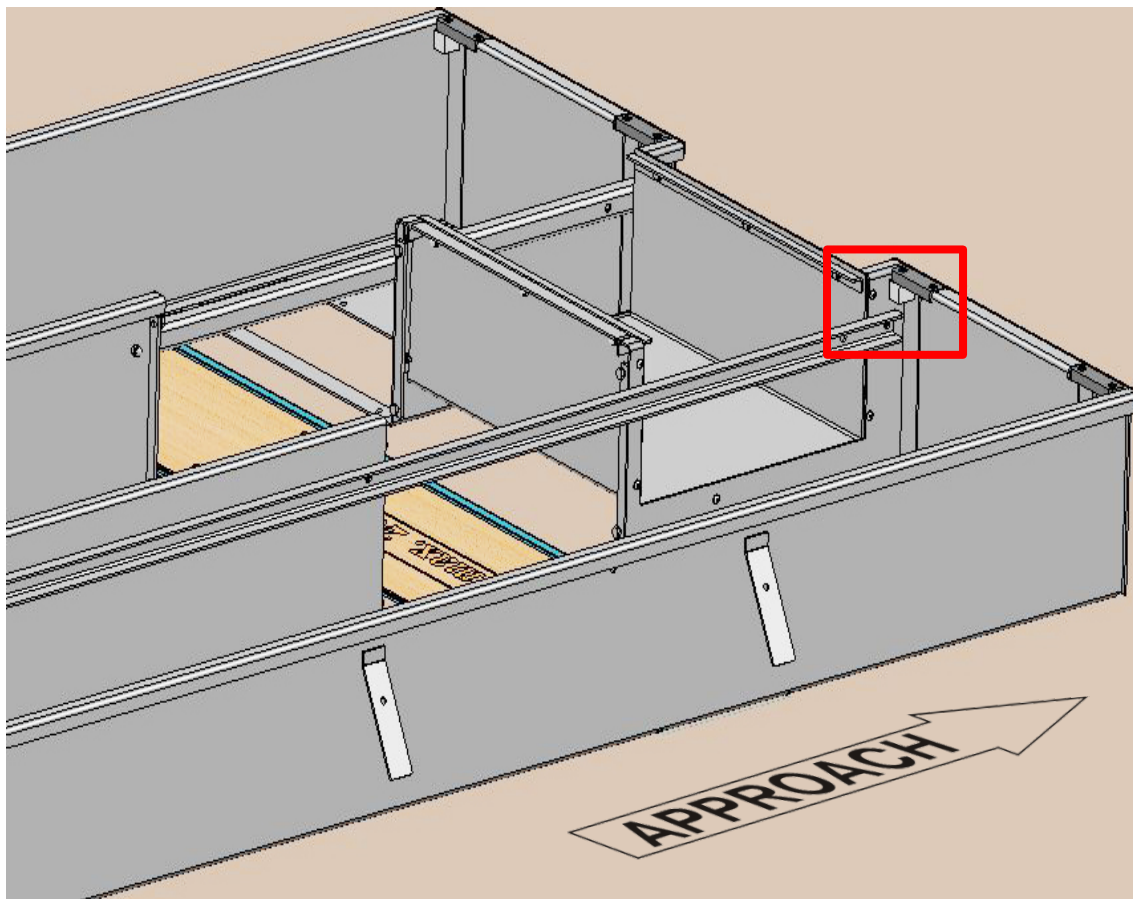
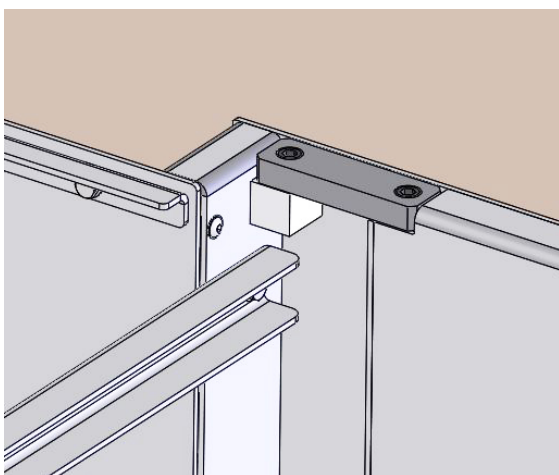
- 3 Unload the frames and transport them to the installation site using a lifting device. The lifting points are at the two inner lugs and on the opposite side.



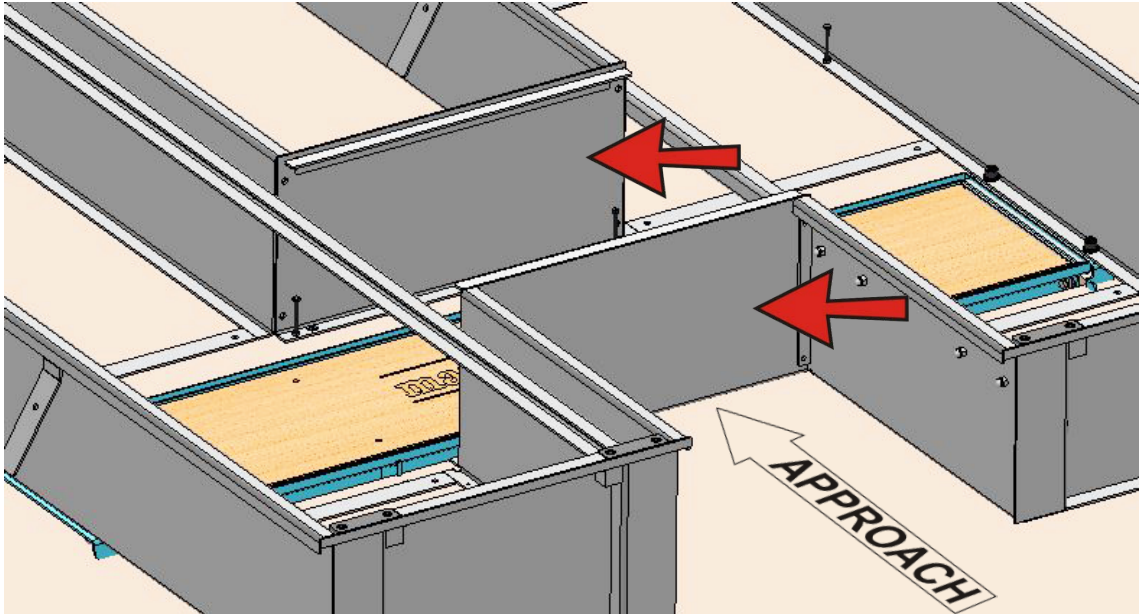
- 4 Position both frame halves at the boxes' fixing brackets, but do not fasten yet.



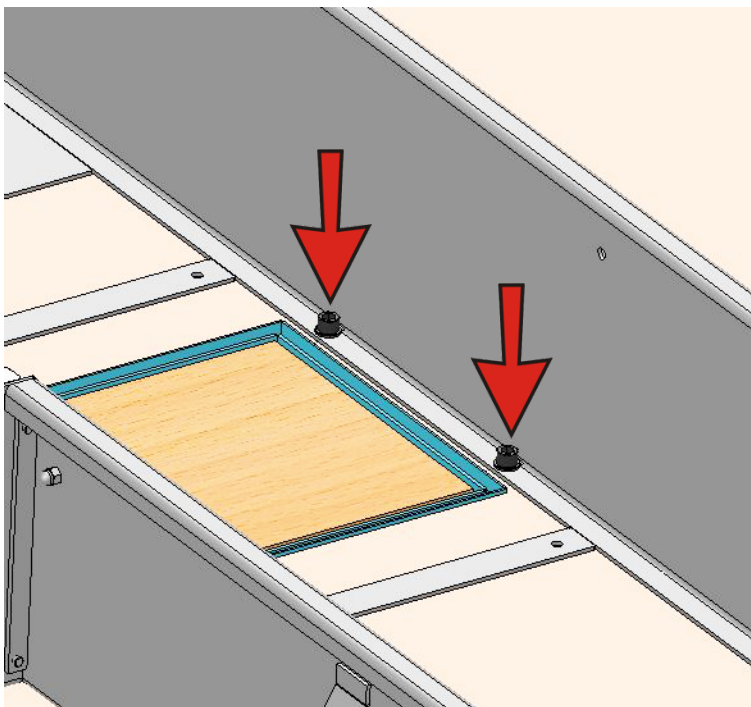
- 5 Mount the axle lift shaft. In the case of runways with a length of 4.40 m, the box shaft is used as axle lift shaft.



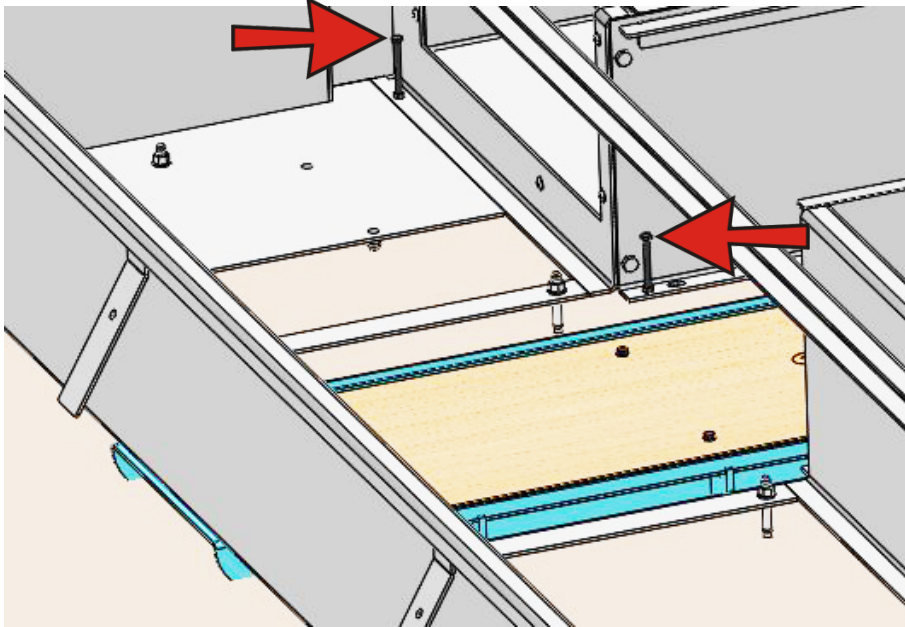
- 6 Connect the frame halves by installing all centre pieces.



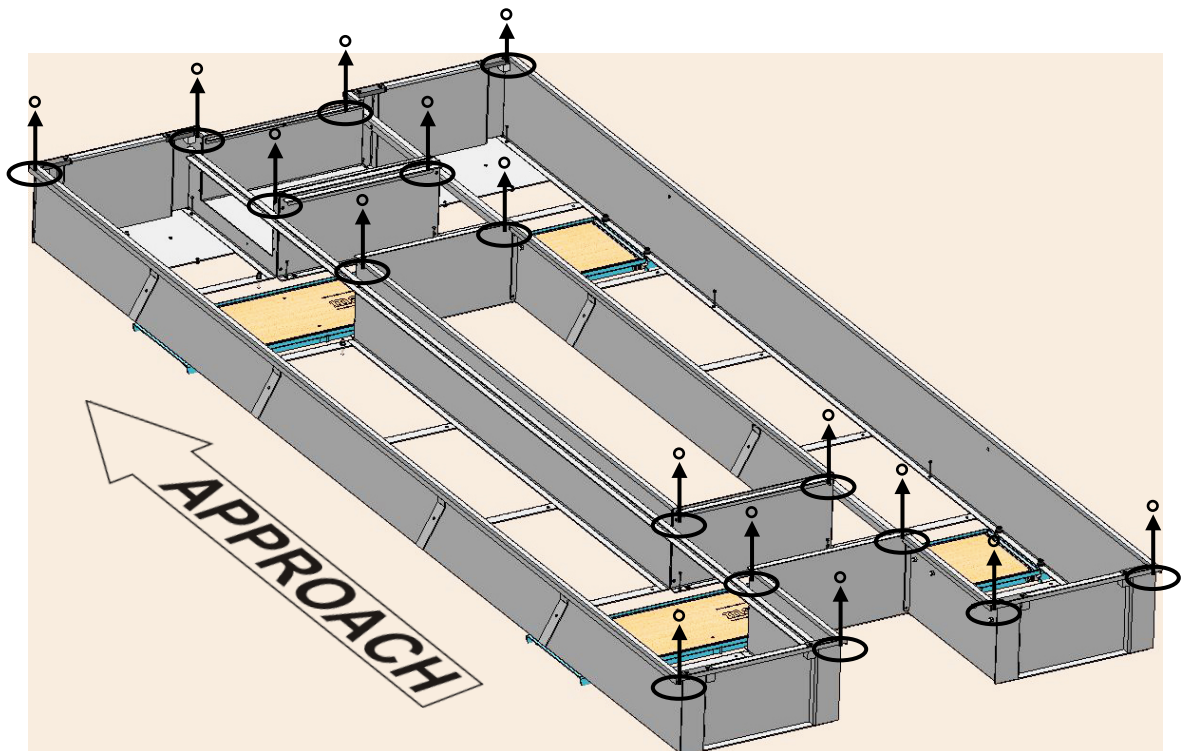
- 7 Mount both frame halves to boxes.



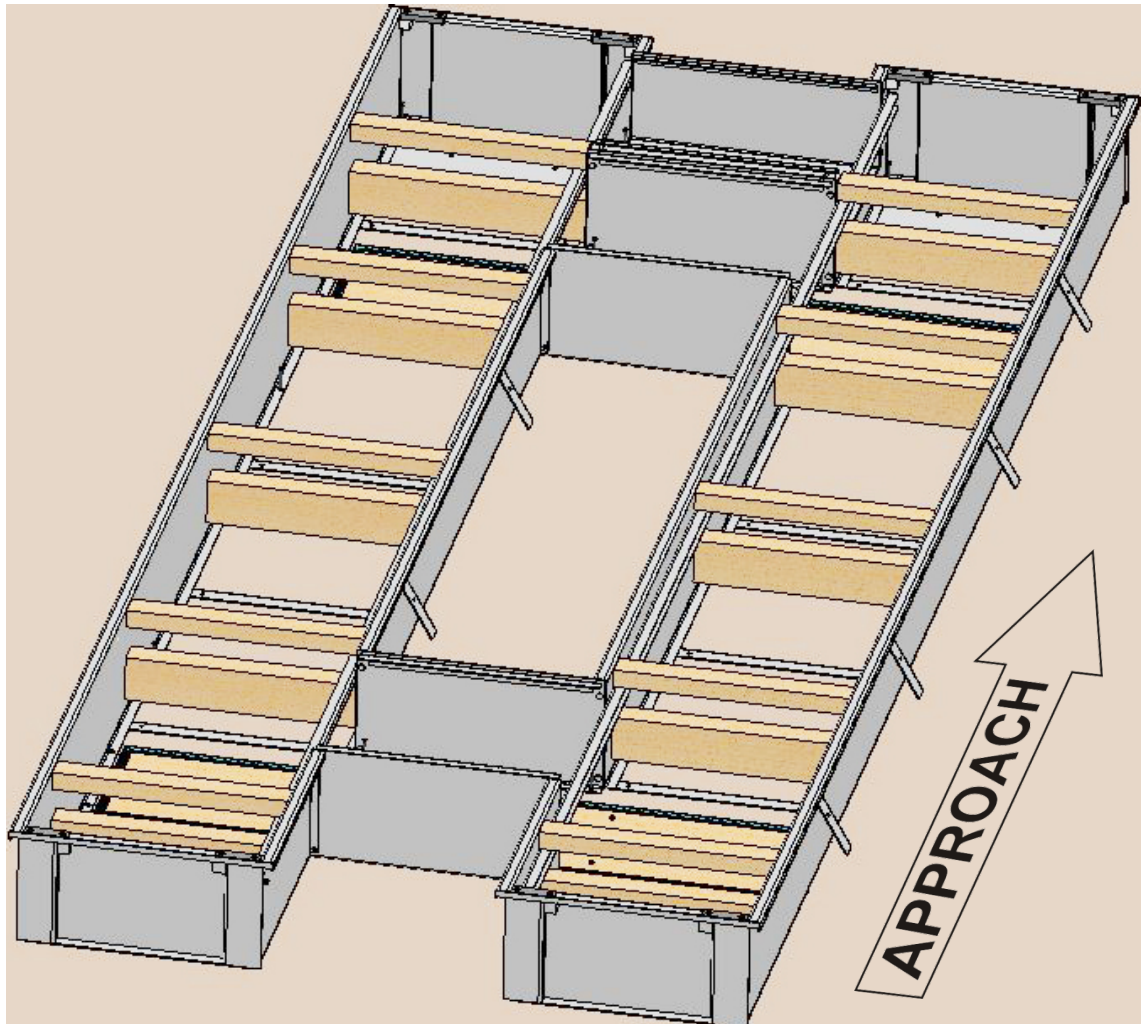
- 8 Align the frame to top edge of floor using adjusting screws.



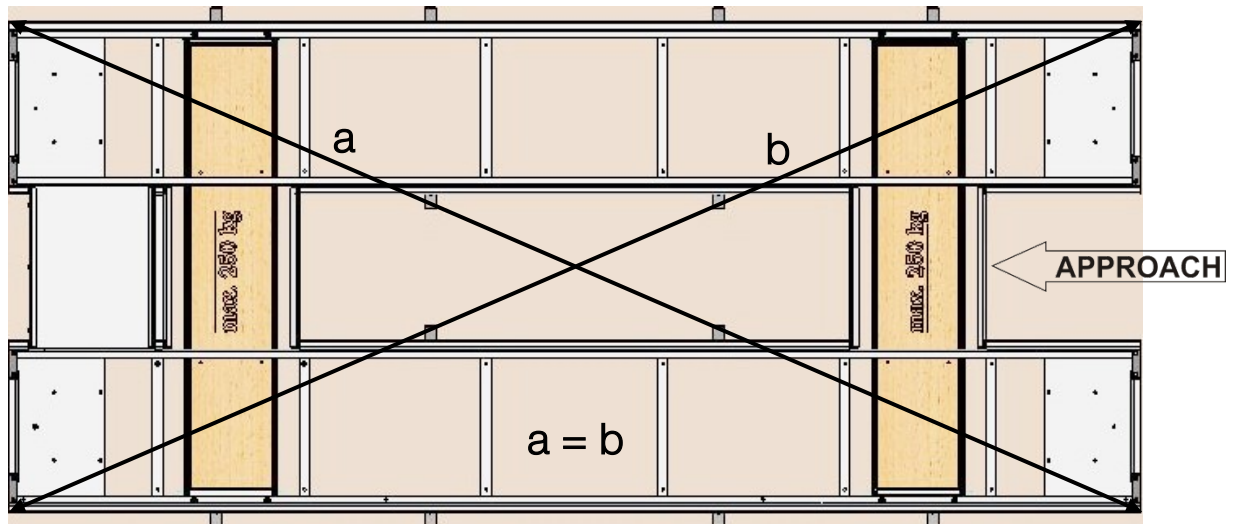
- 9 Check that the corner points have the same height.



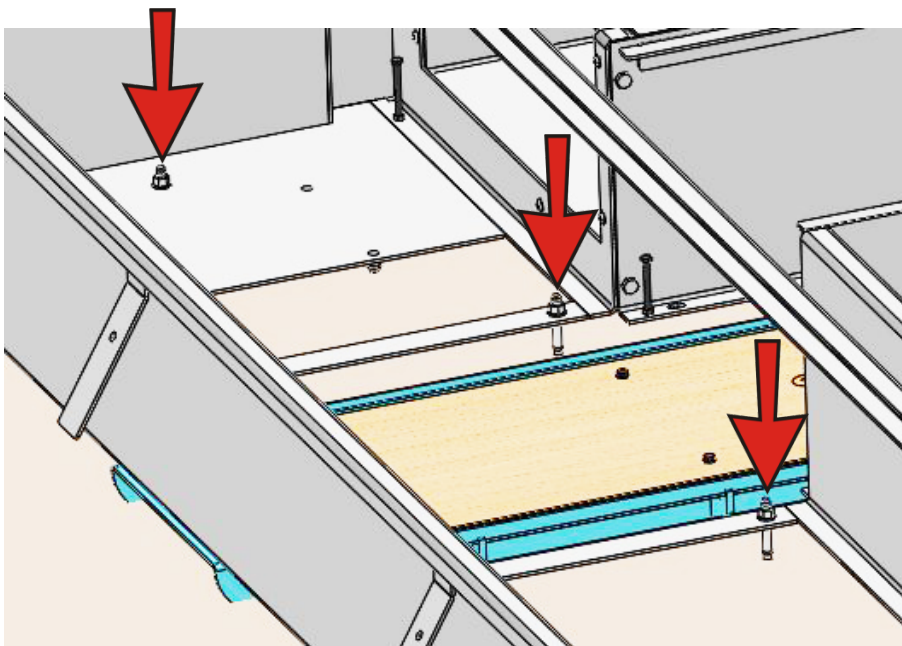
- 10 Place wooden inserts evenly in both frame halves.



- 11 Check that the diagonals have the same length.



- 12 Fasten the frame using anchor screws.

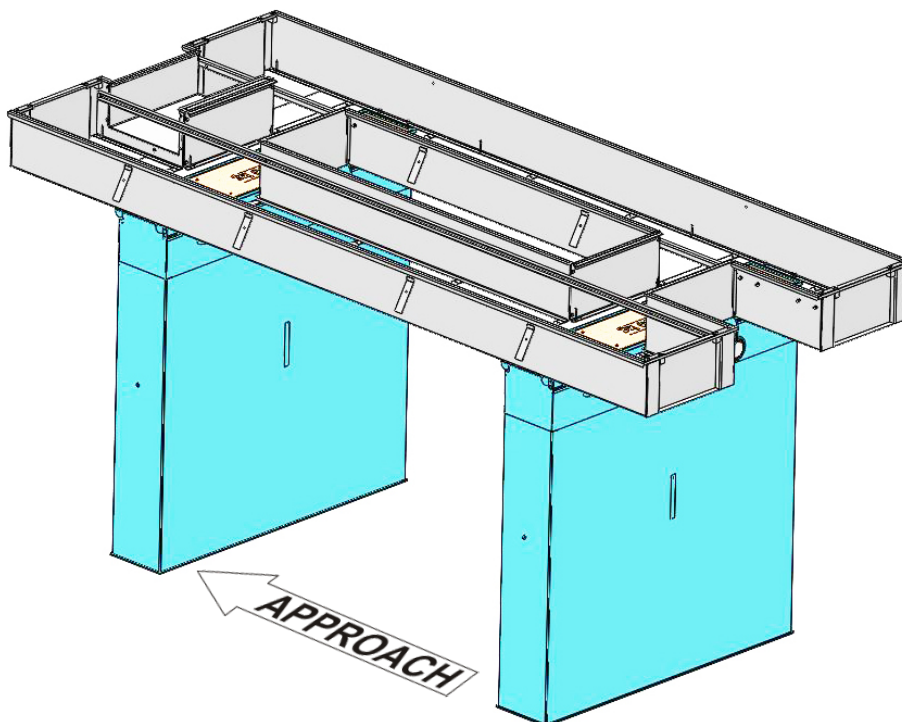


General view: box with installation frame

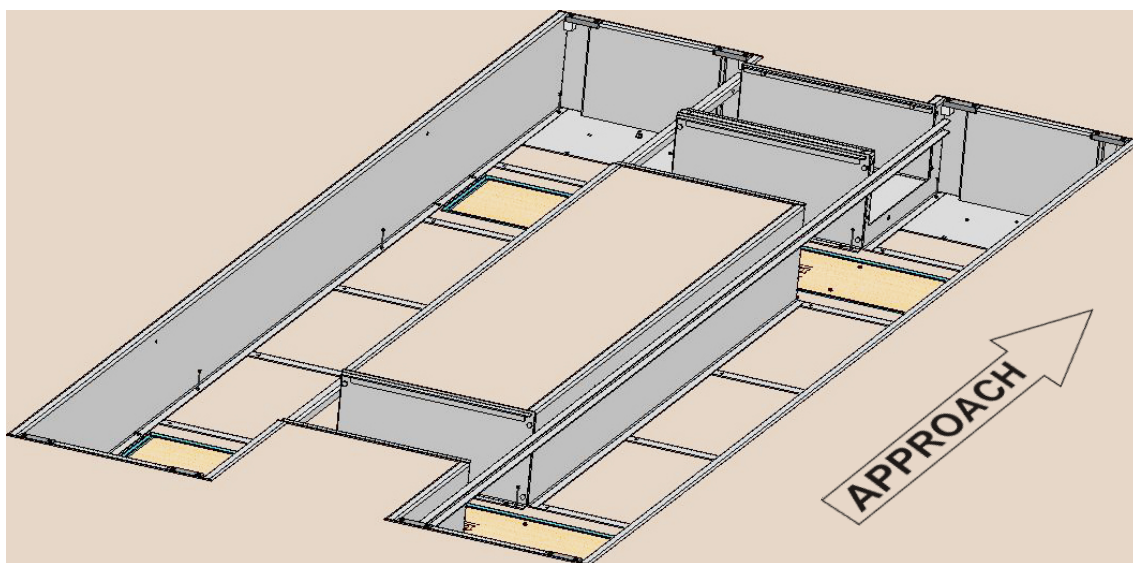
The floor can now be completed. Protect frame from becoming soiled – remove concrete residue and tile cement immediately.

NOTE

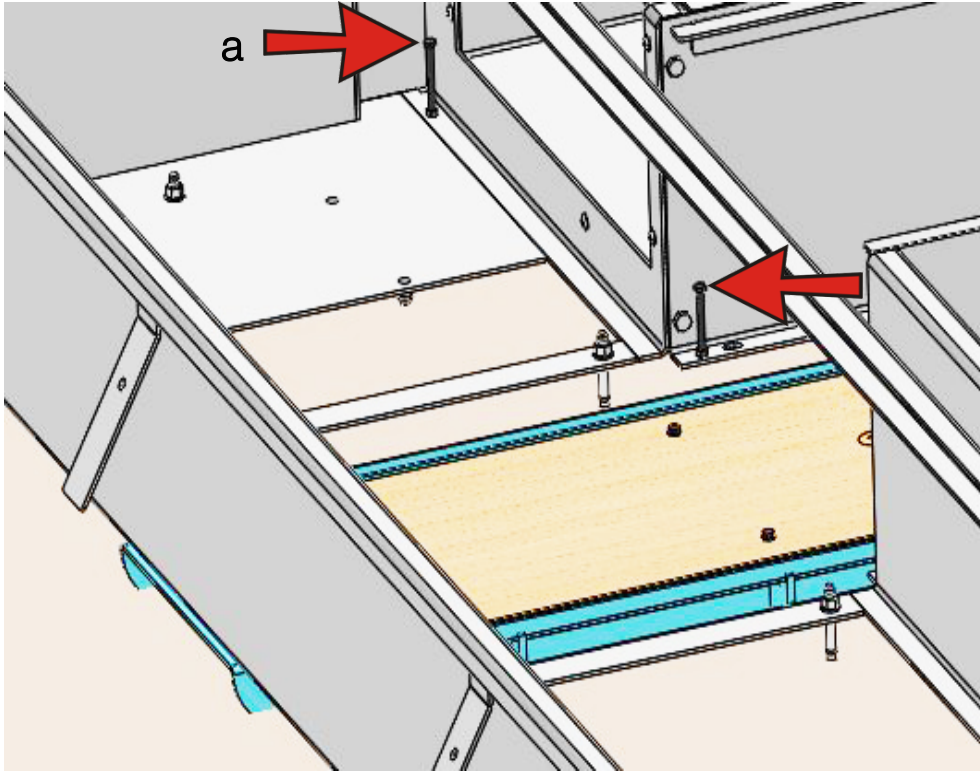
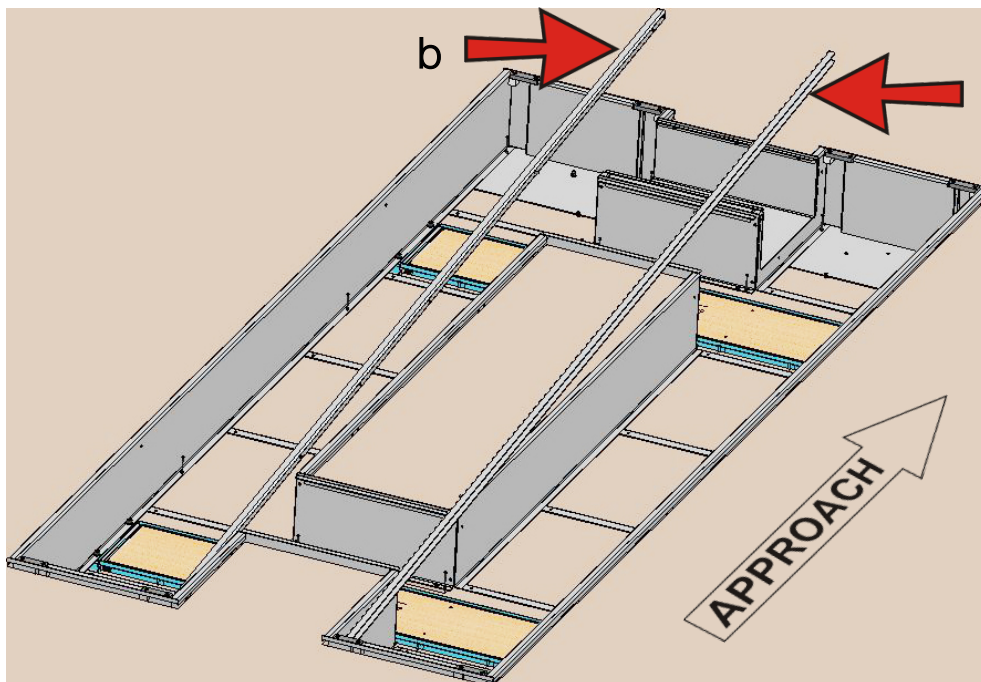
The frame must be handed over in a clean state. The following actions are performed by the service technician.

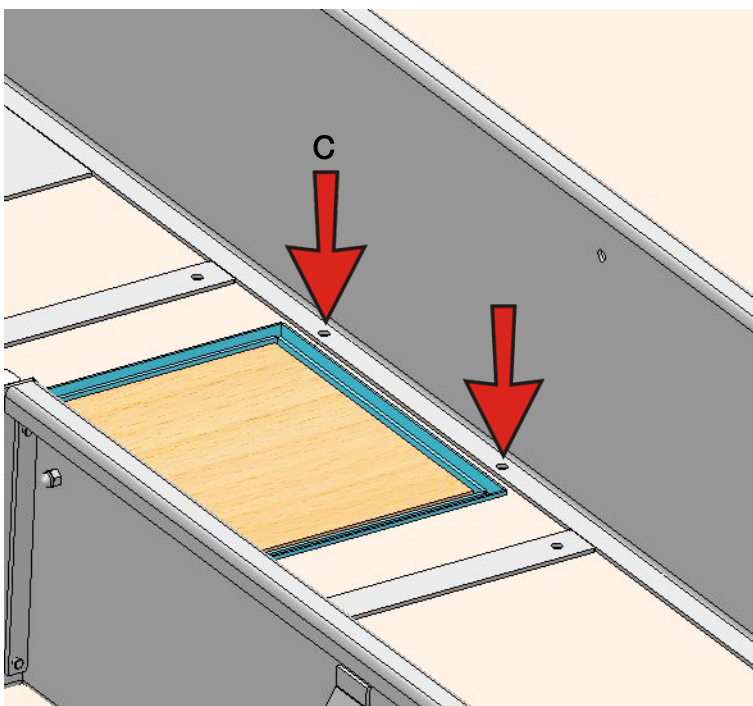


General view: box fully encased in concrete

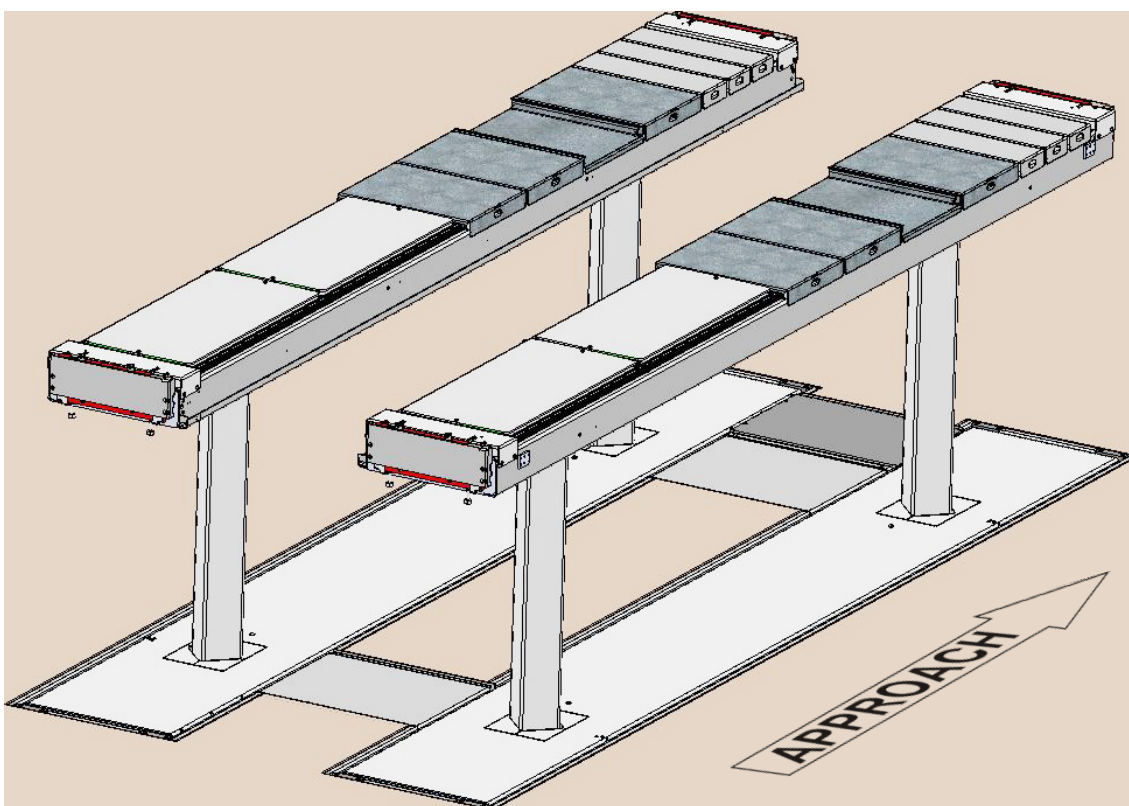


- 13**
- a. Remove all adjusting screws.
 - b. Remove the transport restraint.
 - c. Remove the fastening screws from the boxes' fixing brackets.





General view: installation frame complete with lift



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Document

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