



Distributed and Concentrated XL Lowboy Loading Guidelines

XL Specialized Trailers

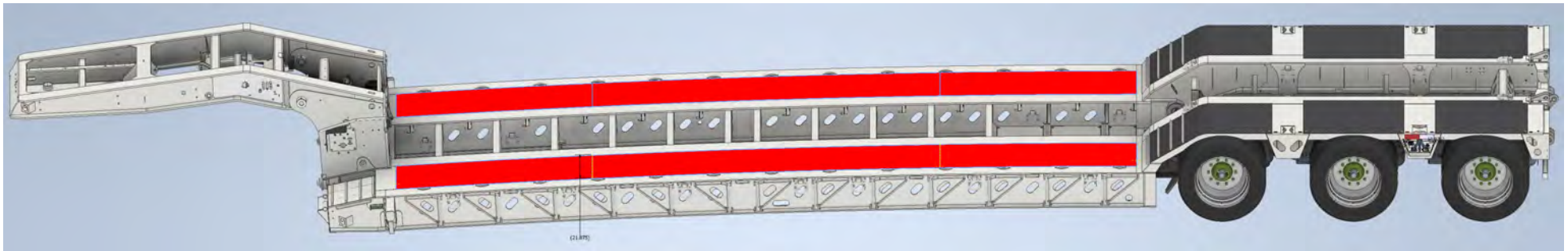
Revised 04.03.25

Load Rating Example

- **CAPACITY** 110,000 LB DISTRIBUTED; 110,000 LB IN 12'

Distributed Loading:

- A trailer with the above load rating can support 110,000 lb distributed across the entire length of the main deck surface lengthwise (red).
- This load should be evenly distributed across the entire width of the decking (21.875" in this example), or the combined width of support between the decking and outrigger board width should add to the approximate decking width in the main bed.
Ex. 12" of outrigger board + 9.875" of decking width (minimum) on the main bed = 21.875".



Notice: The load needs to be evenly distributed along the trailer deck, and evenly distributed across the support width of the trailer deck. Point loading can cause premature damage to deck and buckling of crossmembers.

When meeting these guidelines is not possible, please inquire with XL Specialized Trailers for a customized trailer tailored to a specific piece of equipment and loading scenario.

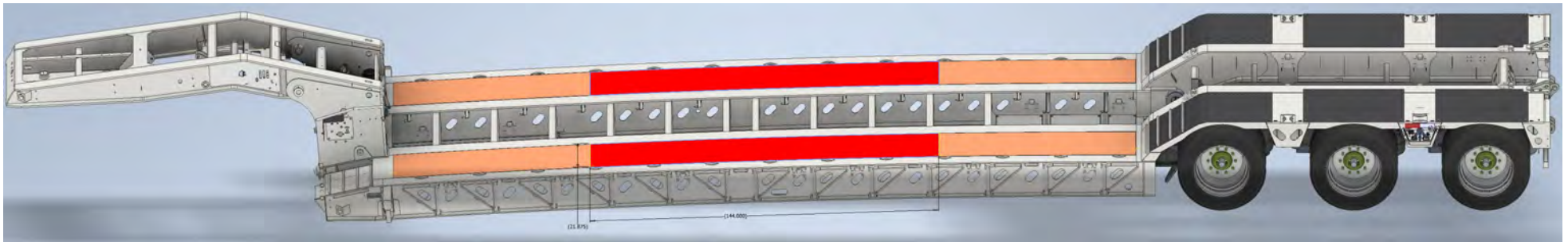


Load Rating Example

- **CAPACITY** 110,000 LB DISTRIBUTED; 110,000 LB IN 12'

Concentrated Loading:

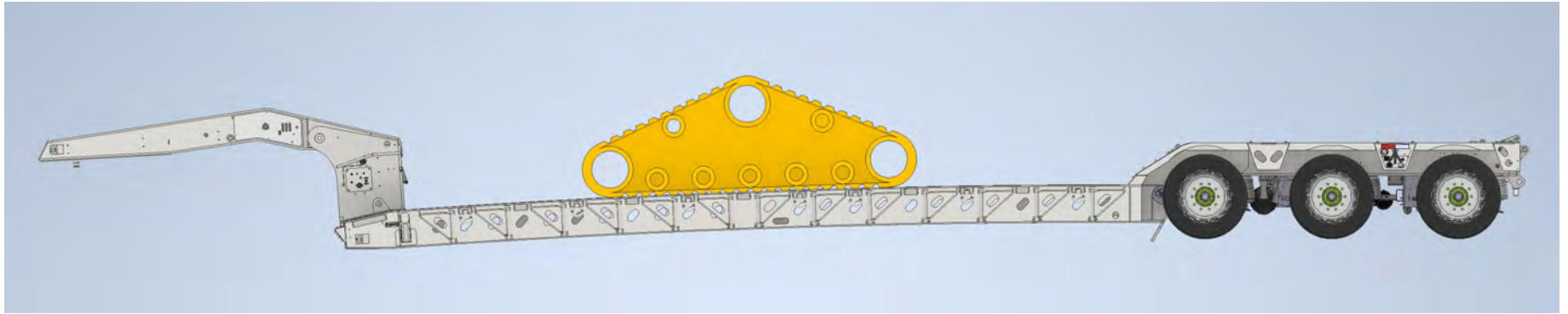
- A trailer with the above load rating can support 110,000 lb distributed across 12' of the main deck surface lengthwise (red).
- This load should be evenly distributed across the entire width of the decking (21.875" in this example), or the combined width of support between the decking and outrigger board width should add to the approximate decking width in the main bed.
Ex. 12" of outrigger board + 9.875" of decking width (minimum) on the main bed = 21.875".



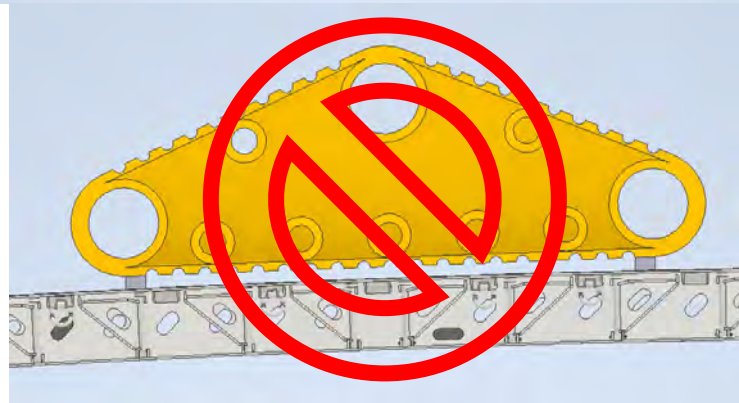
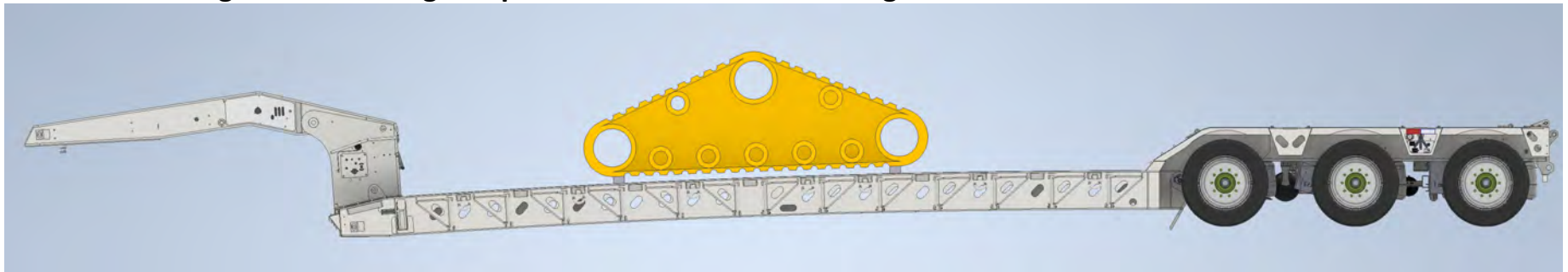
Notice: The load needs to be evenly distributed along the trailer deck, and evenly distributed across the support width of the trailer deck. Any point loading can cause premature damage to decking and buckling of crossmembers.

When meeting these guidelines is not possible, please inquire with XL Specialized Trailers for a customized trailer tailored to a specific piece of equipment and loading scenario.

Correct Loading Scenario: Weight is distributed evenly across the full 12' concentrated length.



Incorrect Loading Scenario: Weight is point loaded due to shimming the load.





Rear Deck Load Ratings

- **BOLSTER CAPACITY:** 25,000 LB PER BOLSTER, 50,000 LB PER SET OF 2 ROADSIDE/CURBSIDE.
- **HEAVY DUTY WHEEL COVERS CAPACITY:** 25,000 LB PER COVER, 50,000 LB PER SET OF 2 ROADSIDE/CURBSIDE.
- **MEDIUM DUTY WHEEL COVERS CAPACITY:** 25,000 LB PER COVER WHILE LOADING, LOAD MUST BE PARKED OVER BOLSTERS.
- **APITONG OR ALUMINUM DECKED CAPACITY:** 30,000 LBS DISTRIBUTED EVENLY ON THE OUTER DECKING WHILE LOADING, 20,000 LBS DISTRIBUTED EVENLY ON THE OUTER DECKING CONTINUOUSLY IN TRANSIT.

Notice: Ensure swingout outrigger and anchor device ratings are not exceeded.

Swingout Outrigger Rating: 15,000 lb per outrigger

ANCHORING DEVICE RATINGS

THIS TRAILER MAY CONTAIN ONE OR MORE OF THE FOLLOWING ANCHORING DEVICES. TIE DOWN COMPONENTS (BINDERS, CHAINS, STRAPS, ETC.) HAVE SEPARATE RATINGS.

1" D-RING	15,000 LBS
3/4" D-RING	9,000 LBS
STAKE POCKET	6,500 LBS
CHAIN DROP	9,100 LBS
STAKE POCKET/PIPE SPOOL	6,500 LBS

DEC ANCHOR AAA