

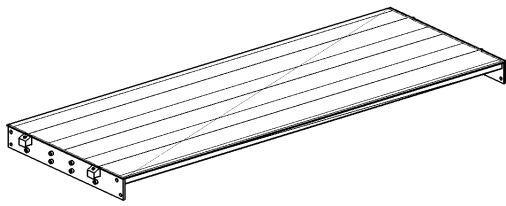


Installation Guide for Portable Truck Scale

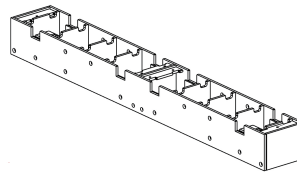


Scale Components

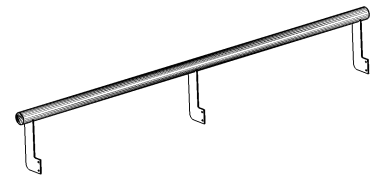
(Standard, interchangeable, uniform modular design)



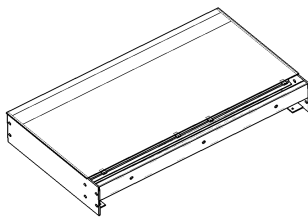
Platforms



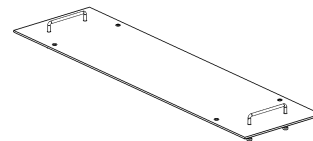
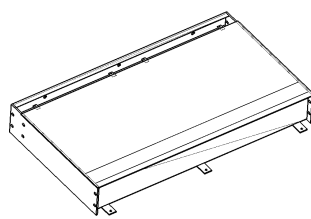
Cross Beams



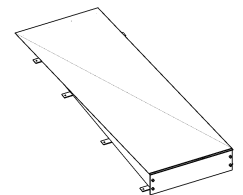
Guard Rails



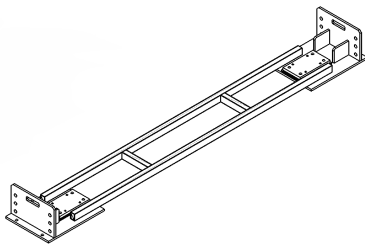
Approach Decks



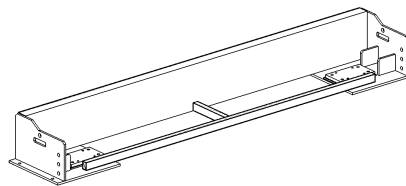
Top Covers for Approaches



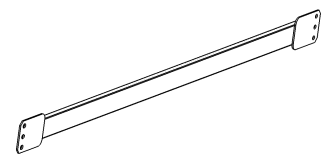
Ramps



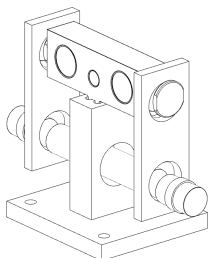
Middle Cross Beam Frames



End Cross Beam Frames



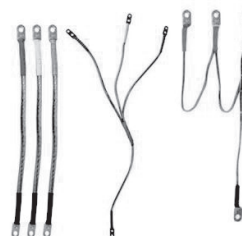
Frame Connectors



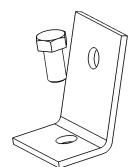
Load Cells



Junction Box



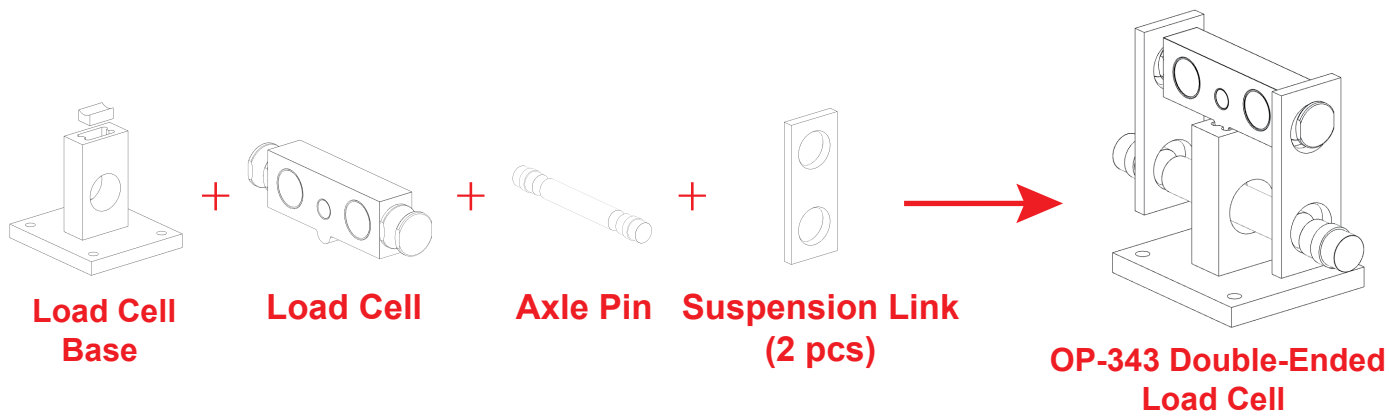
Ground Cables



Hoisting Plate

Load Cell Components

Load Cell Base



Bolts



Platform Joint
M24 x 70 mm



Guard Rail
M12 x 60 mm



Bulkhead Stopper Bolt
M24 x 120 mm



Anchor Bolt
M12 x 100 mmt



Approach Top Cover
M10 x 100 mm

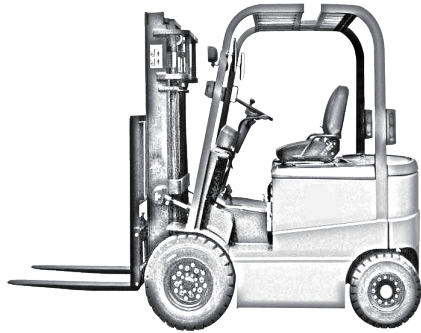


Load Cell Base and Spacer
M16 x 50 mm

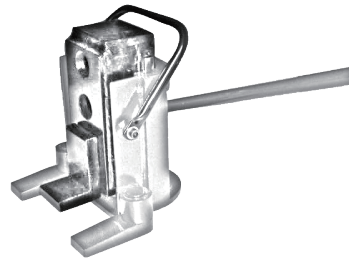


Cross Beam Top Cover
M16 x 30 mm

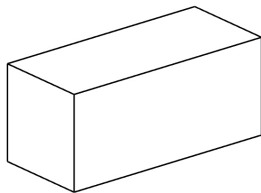
Tools for Installation Not Included



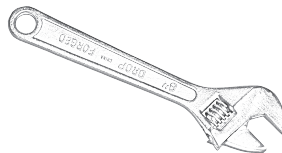
Heavy Capacity Forklift



Hydraulic Jack



Wood Blocks



**Crescent Type
Wrench**



Allan Wrench



**Flat Head Blade
Screwdriver**



Hammer



Crowbars



Tape Measure



Impact Drill

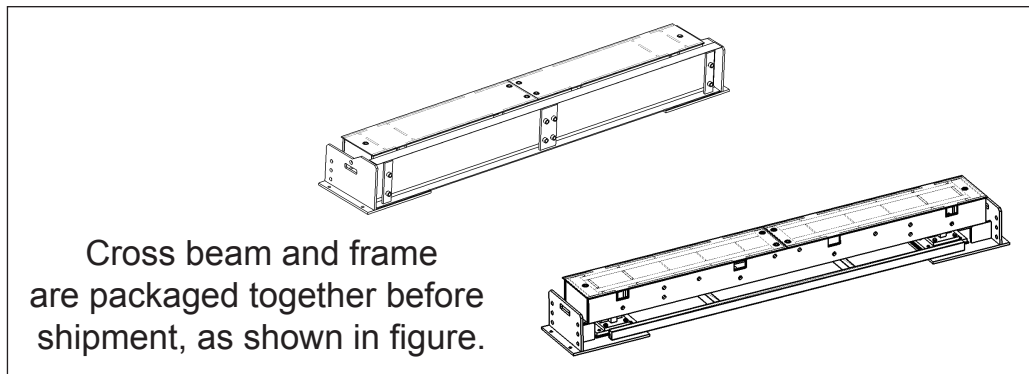


Hammer Drill



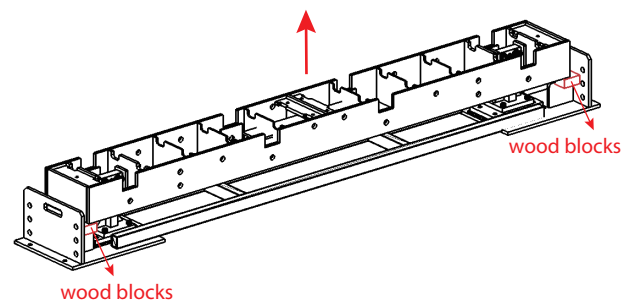
**Safety Rigging
Equipment**

Scale Installation

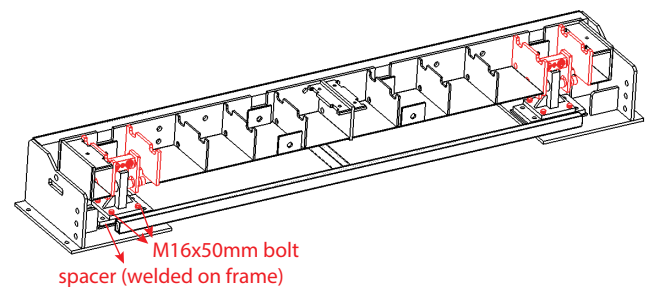


(1) Make sure the complete installation is done on a level ground.

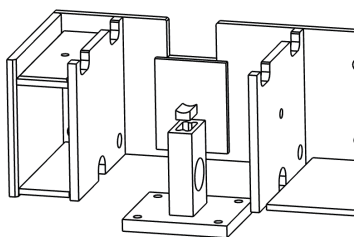
(2) Lift cross beam and insert wood blocks underneath and place beams back into position.



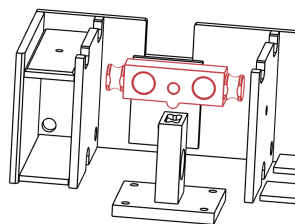
(3) Open top cover and install load cell.
(OP-343-TM Double Ended Load Cell)



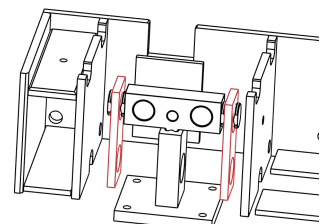
Load Cell Assembly:



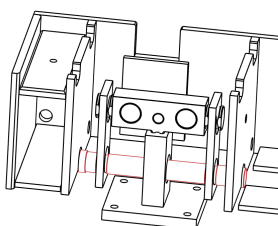
1. Place load cell base on middle cross beam frame.



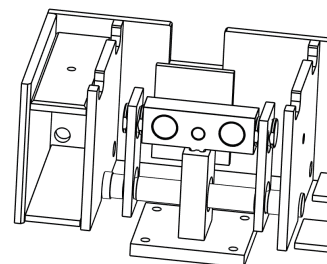
2. Place load cell on base.



3. Hang two suspension links on load cell.

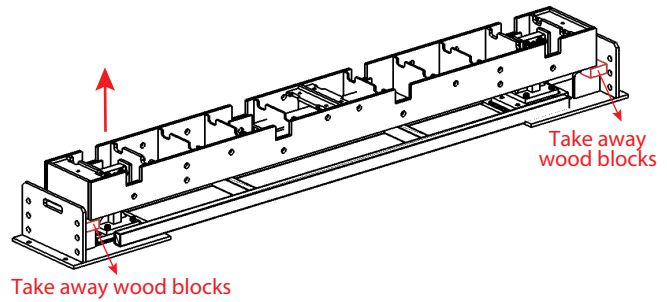


4. Put the axle through the hole of the load cell base.

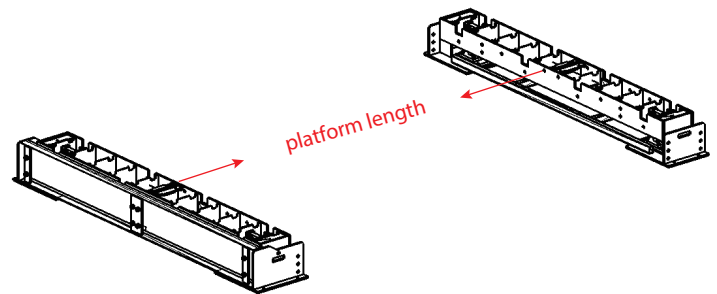


5. Set down cross beam on axle pin.

- (4) Lift up the cross beam and remove the wooden blocks.

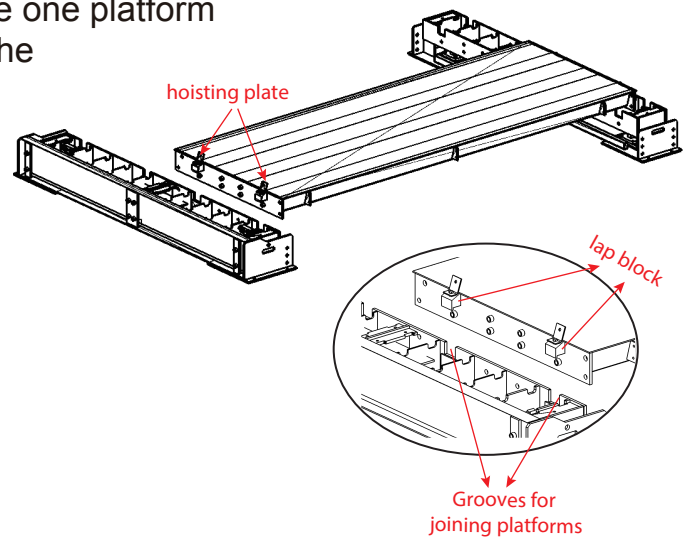


- (5) Using a forklift, place the cross beams and frame parallel to each other.

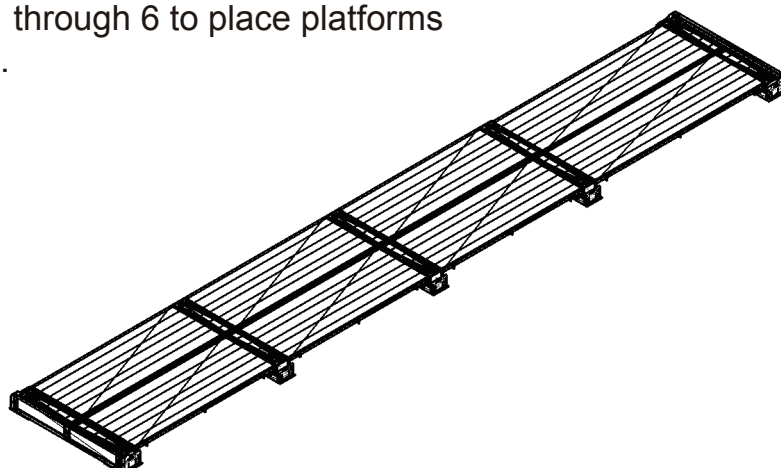


- (6) Using a forklift and rigging equipment, place one platform slowly between the 2 cross beams and fit the lap blocks on the side of the platform to the grooves on the beams.

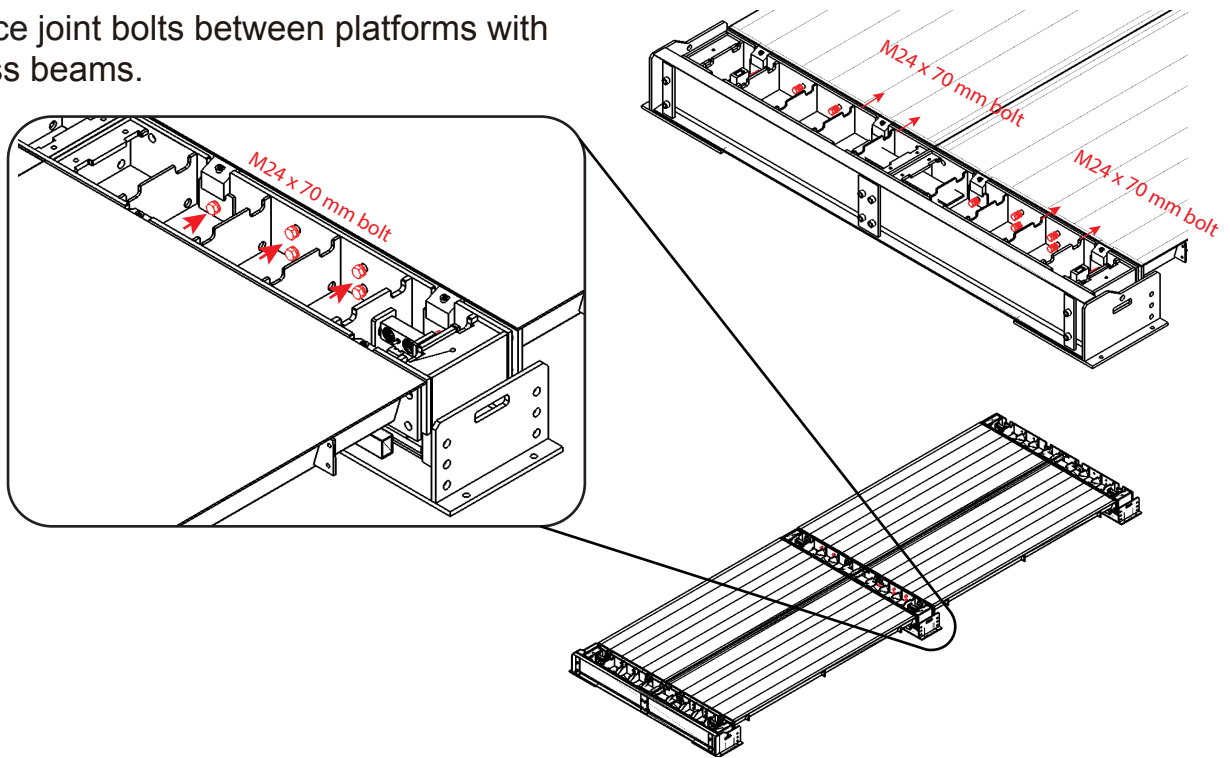
Note: Four hoisting plates are packaged in cross beams.



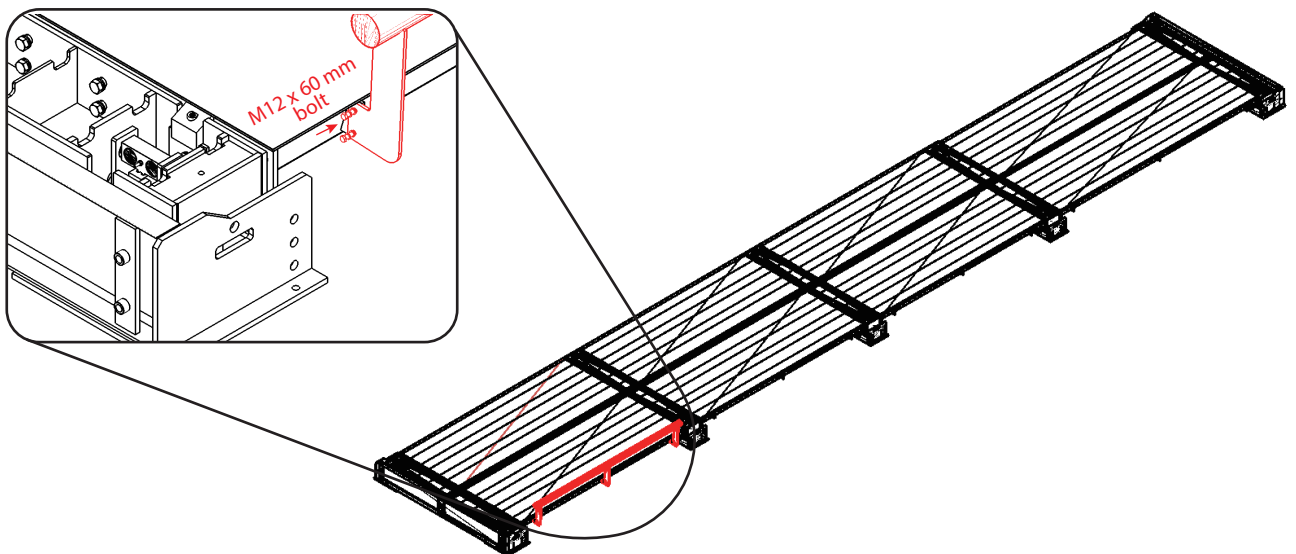
- (7) Follow steps 1 through 6 to place platforms piece by piece.



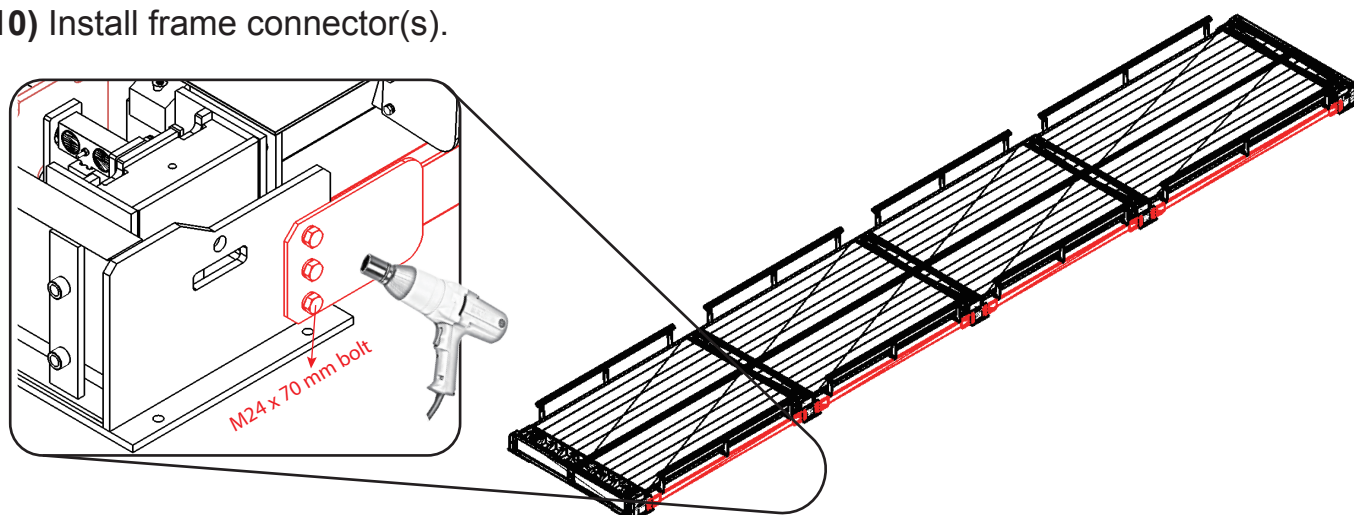
- (8) Place joint bolts between platforms with cross beams.



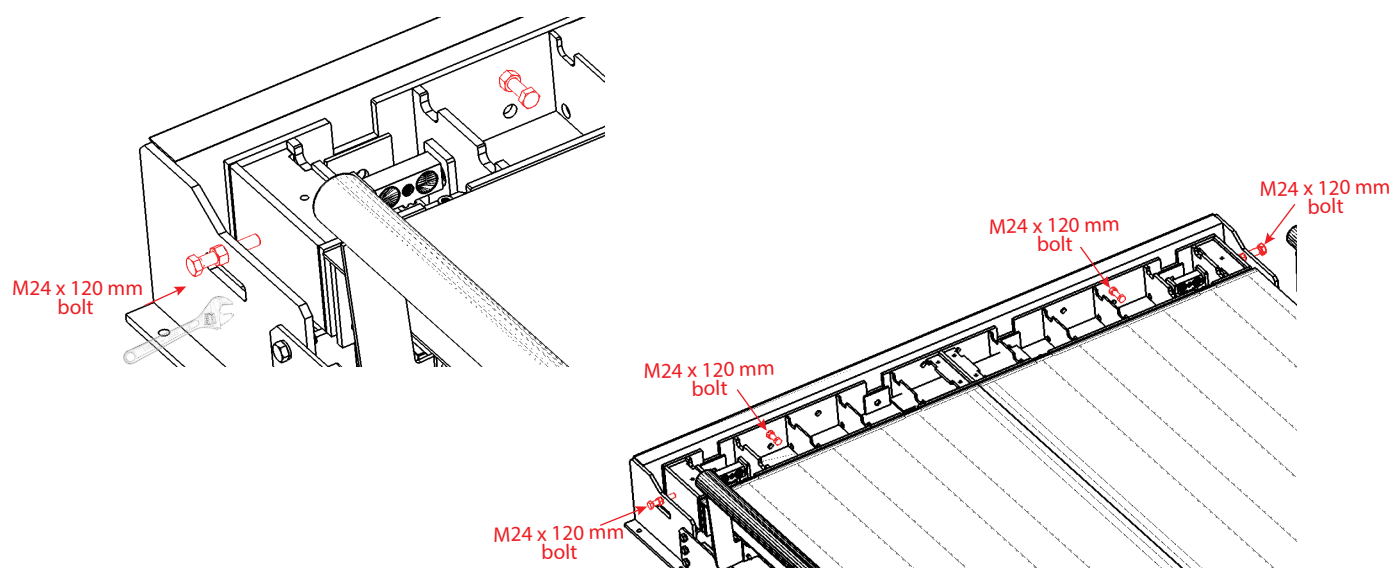
- (9) Install guard rails.



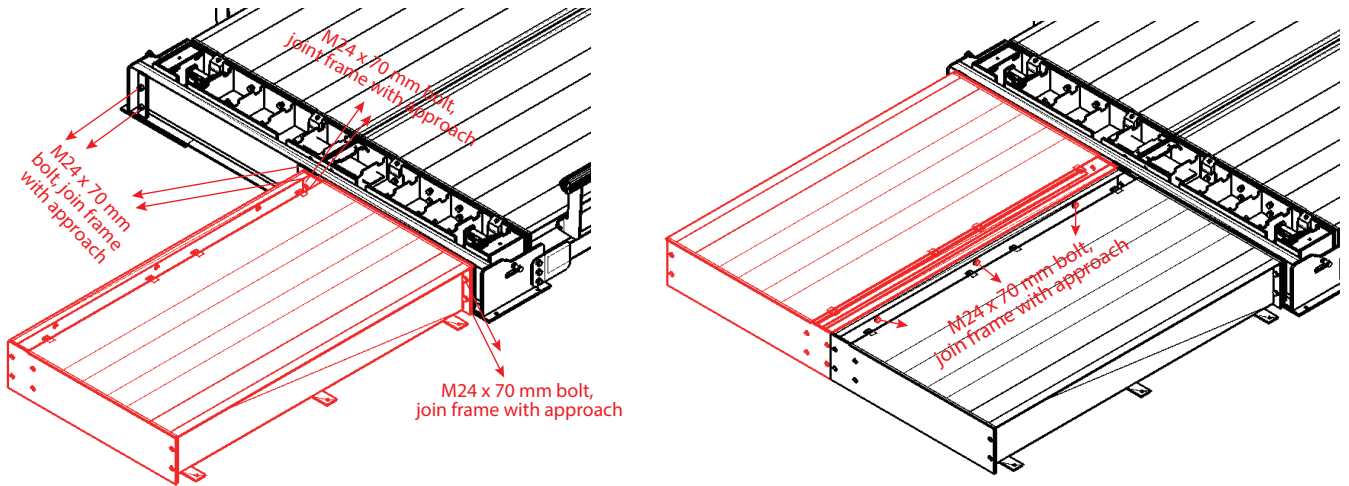
(10) Install frame connector(s).



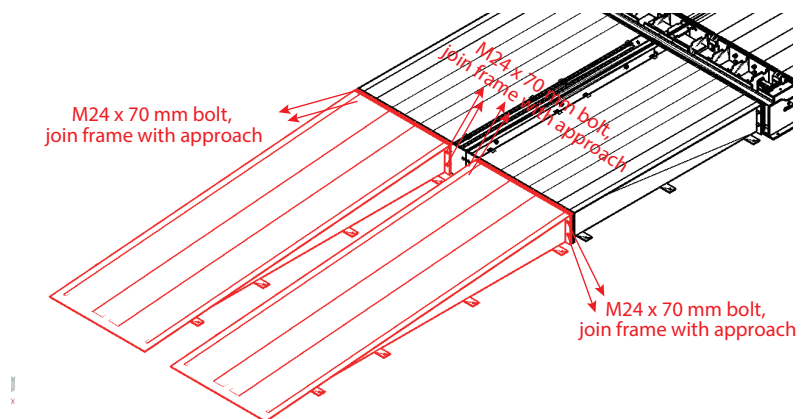
(11) Install bulkhead stopper bolts to two end beams.



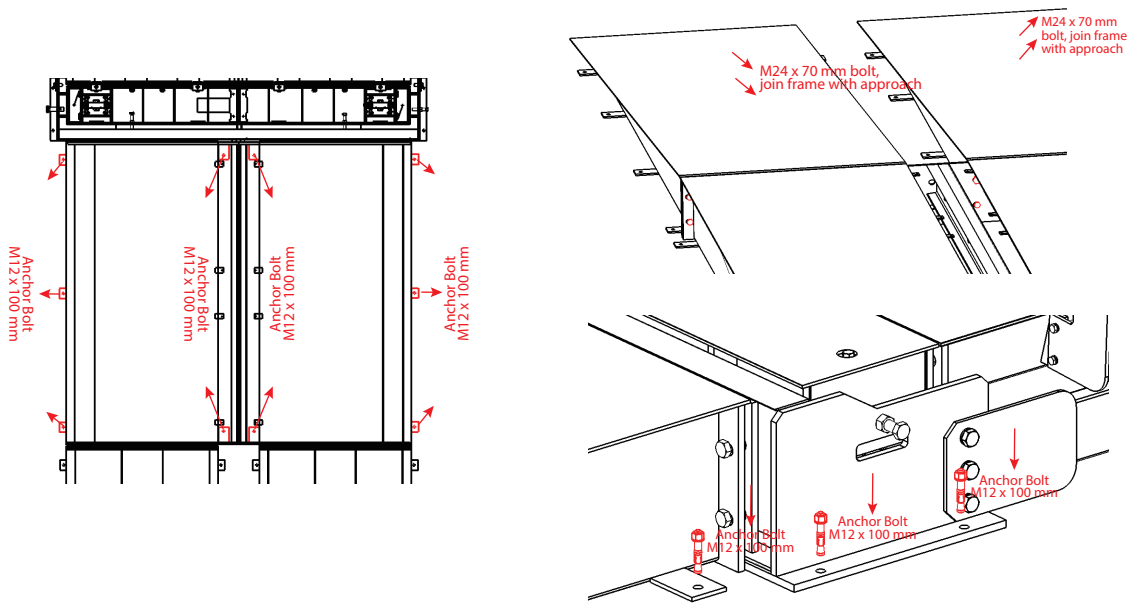
- (12) Using a forklift, place each approach slowly to fit flush with frame, then bolt together. Follow the same step to install the other approach.



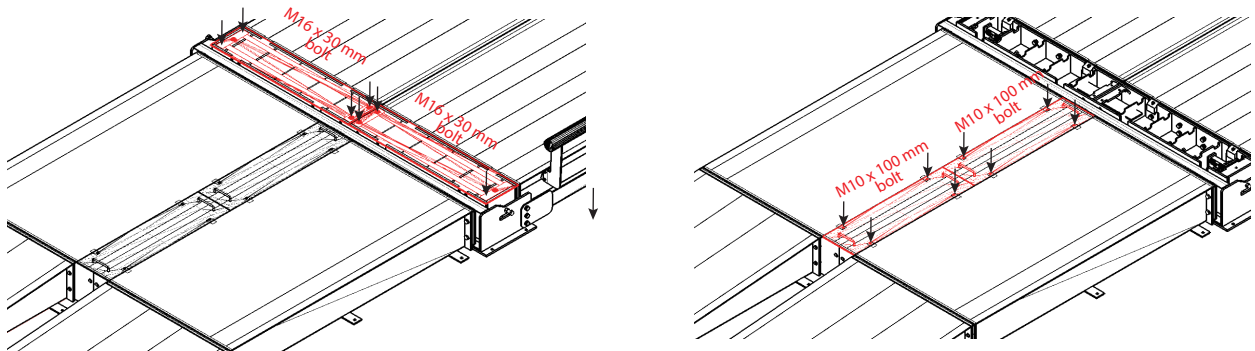
- (13) Slowly place first ramp to fit flush with approach, then bolt together. Follow the same steps for other ramps.



(14) Attach expansion bolts to ramps, approaches, and frame connectors.



(15) Install top cover plate for the approaches and cross beams.



(16) Finish installation.

