



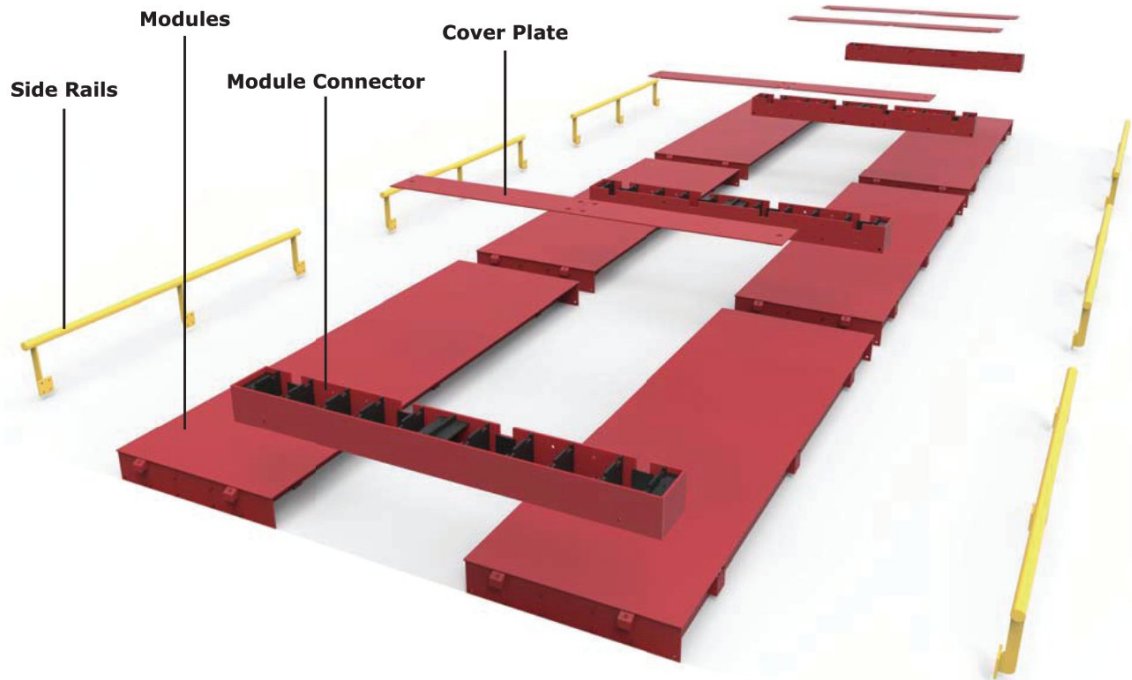
TRUCK SCALE INSTALLATION GUIDE



INTELLIGENT STRUCTURE

STANDARD, UNIFORM, INTERCHANGEABLE

NO MARK
FOR INSTALLATION



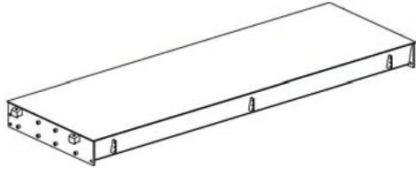
3 HOURS
TOTAL INSTALLATION



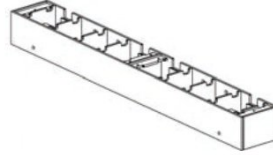
Scale Components

(Standard, interchangeable, uniform modular design)

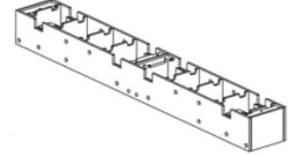
Main Parts: Platform & Module Connectors
Connection Type: Interlock



Platform



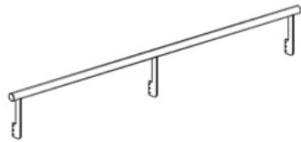
Front Cross Beam



Middle Cross Beam

Cross Beams

Accessories:



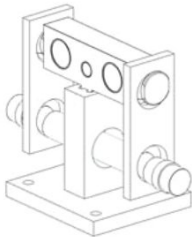
Side Rails



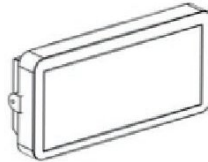
Ramps



Frame



Load Cell



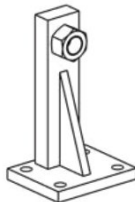
Indicator



Junction Box

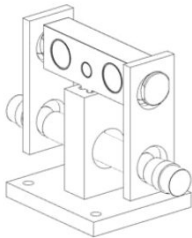


Signal Cable for Indicator

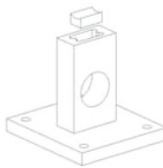


Limit Block

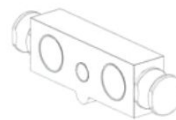
Load Cell tank mount components:



T343 Double-Ended Beam



Tank Mount



Load Cell



Axle Suspension Link



(2 pcs)

Bolts Details



M16 Eyebolt
(4 pcs, For lifting)



Bolt for Platform Joint
M24 x 70 mm



Bolt for Side Rail
M12 x 70 mm



Limit Bolt
M24 x 100 mm



Expansion Bolt for Ramp
M12

All accessories are packaged in beams:



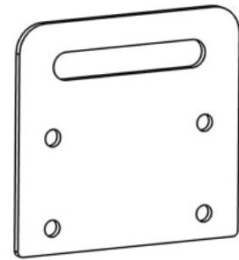
Tools for Installation Not Included



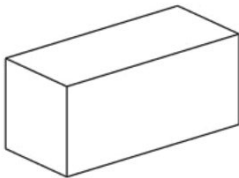
Fork Lift



Measuring Tape



Unload Plate



Wood Block



Wrench



Allen Wrench



Hydraulic Jack



Flat Blade Screwdriver



Hammer



Expansion Bolt



Auto Socket Wrench



Crowbar



Chain (2 pcs)



Spirit Level



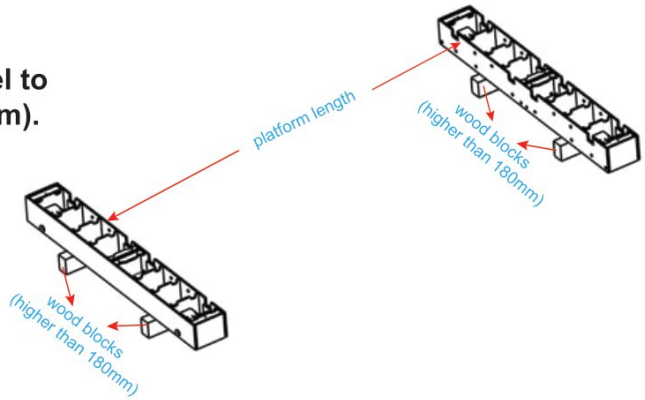
Churn Drill

Scale Installation

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

(2) Using a fork lift, place 2 cross beams parallel to each other on wood blocks (shown in diagram).

Note: Place the blocks approx. 600mm from the end and make sure not to cover the position of the load cell.



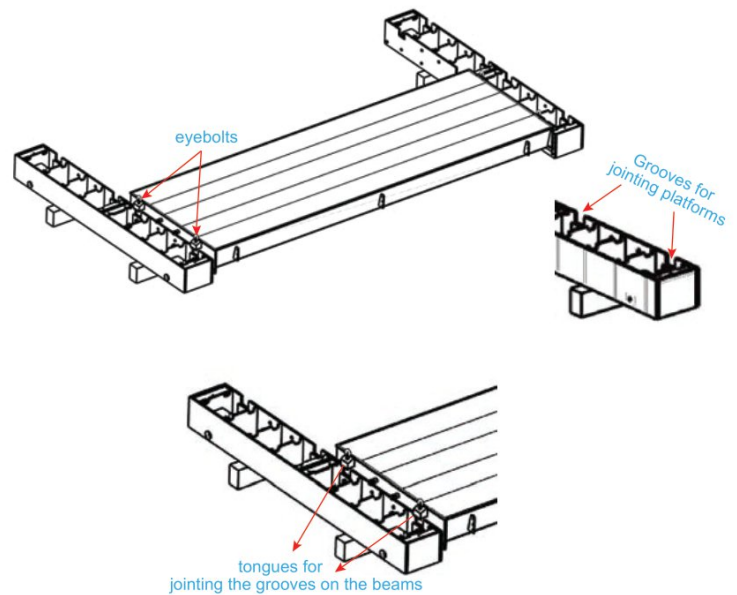
(3) Follow the same steps to place the remaining cross beams.

Note: The front cross beam should only have grooves on 1 side. The middle cross beam should have grooves on both sides.

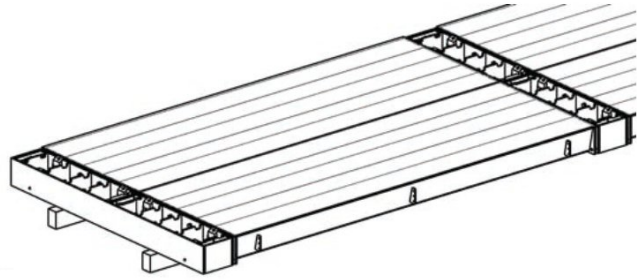


(4) Using a forklift and chains, place one platform slowly between 2 cross beams and fit the tongues on the side of the platform where the grooves are located.

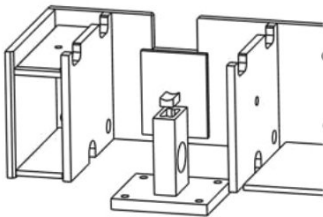
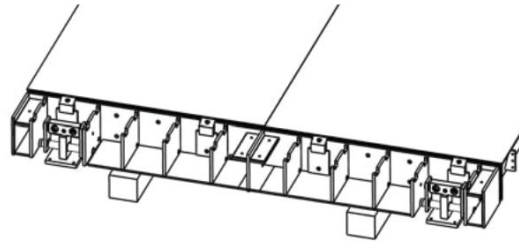
Note: 4 eyebolts are included in hardware package.



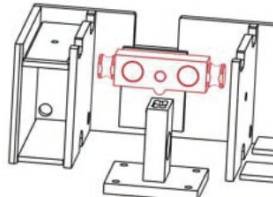
(5) Follow the same steps to install the remaining platforms.



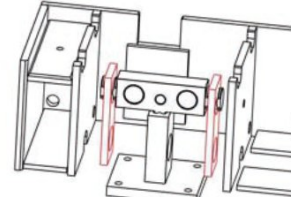
**(6) Install load cells.
(T343 Double-Ended Beam)**



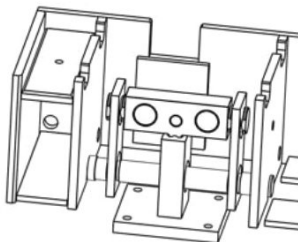
Place tank mount



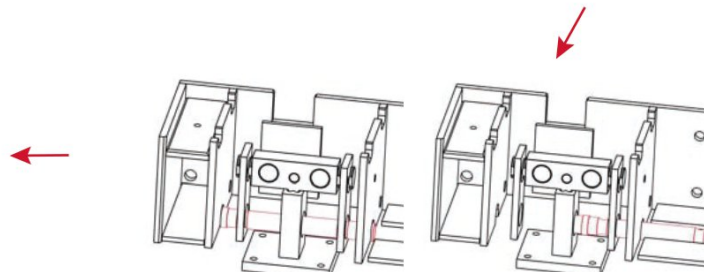
Place load cell on tank mount



Hang two suspension links on load cell

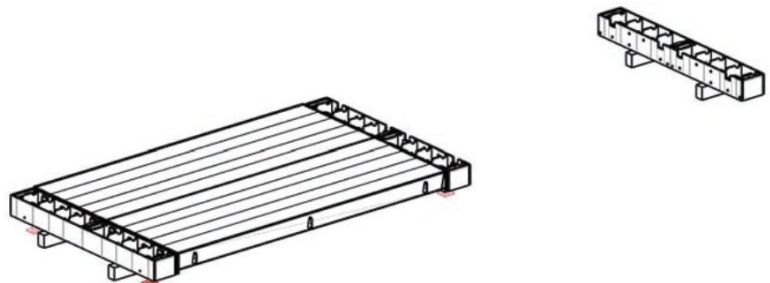


Set cross beam slowly then force into load cell

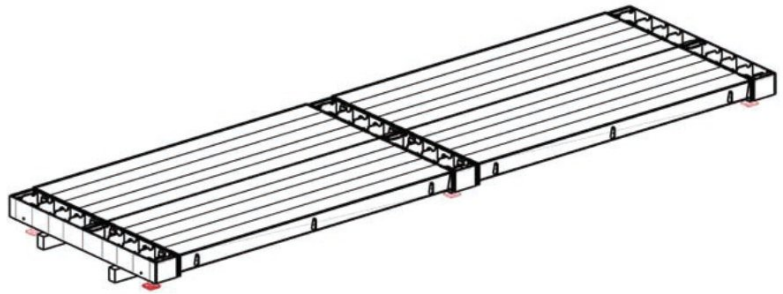


Put the axle through the hole of tank mount

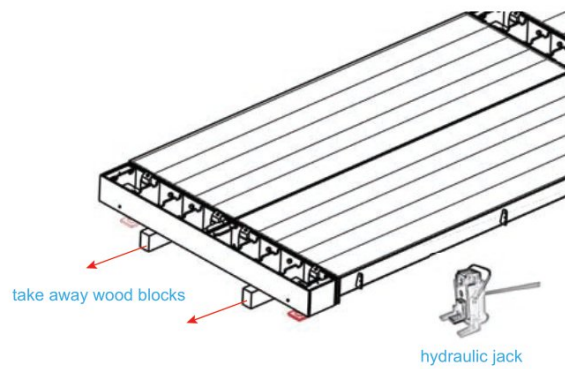
(7) Install remaining load cells.



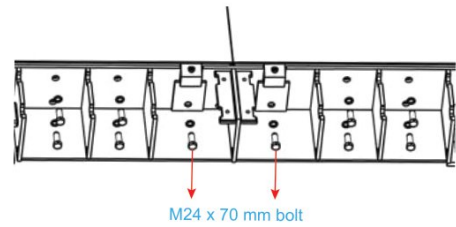
(8) Follow previous steps to install remaining platforms.



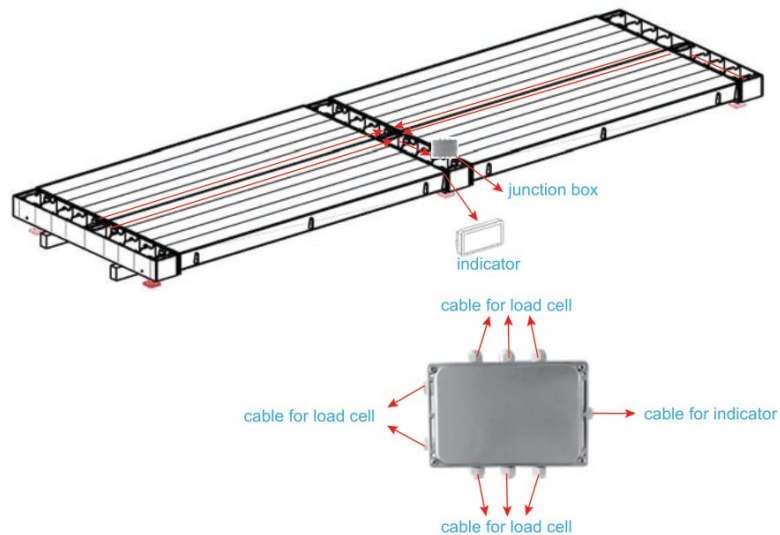
(9) Use hydraulic jack to raise the cross beam and remove wood blocks.



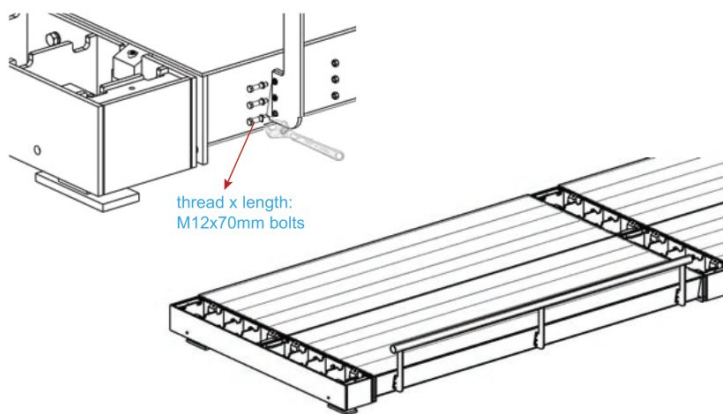
(10) Insert bolts between platforms with cross beams.



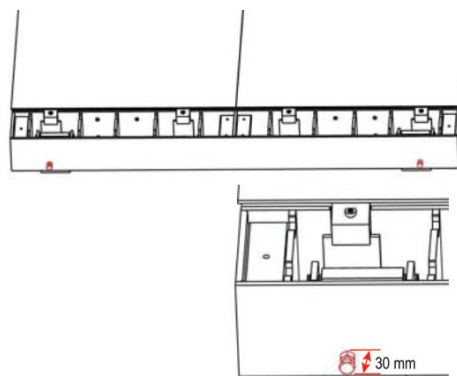
(11) Insert load cell cable through as shown in diagram, connect to junction box then indicator.



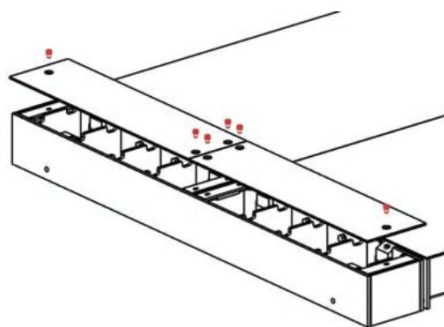
(12) Using a wrench, install side rails.



(13) Screw in Limit Bolt.



(14) Debug the truck scale then install top covers to complete installation.



(15) Complete installation.

