



**INSTALLATION**  
**M A N U A L**



**Rails**



**Panels**



**Side View**



**Truck scale panels tied down  
& ready for delivery**

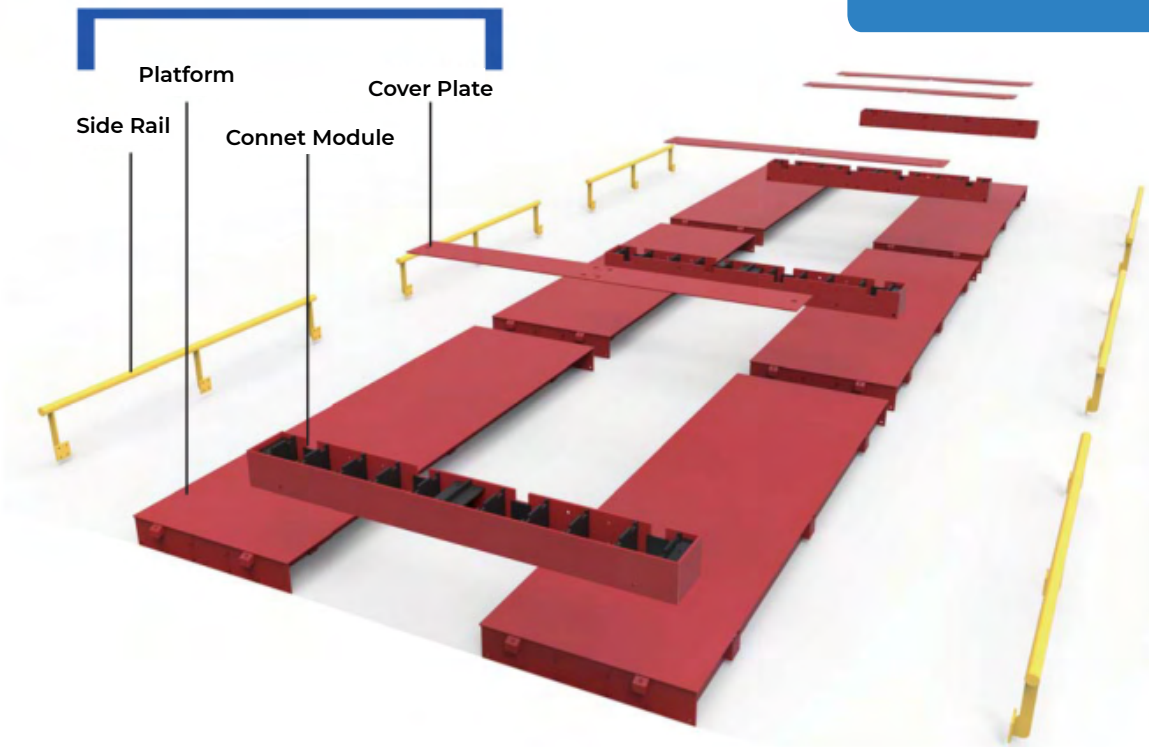


**Unloading at customer  
side**



## INSTALLATION TIME

**3 HOURS**



## INTELLIGENT STRUCTURE



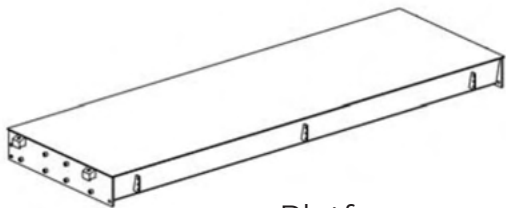
**COMPONENTS**

Standard, Interchangeable & Modular design

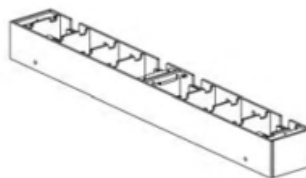
**Main Parts:**

- Platform
- Module

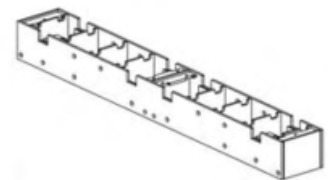
Connect Type : **Inter lock**



Platform



Front Cross Beam



Middle Cross Beam

**Option:**



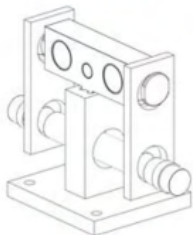
Rail Guard



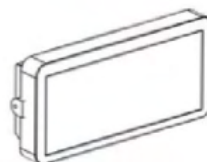
Ramp



Frame



Load Cell



Indicator



Junction Box

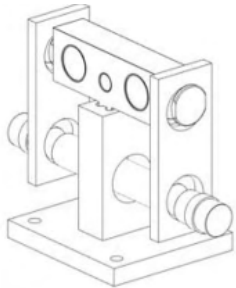


Single cable for indicator

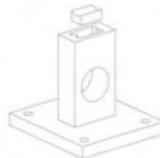


Limit Block

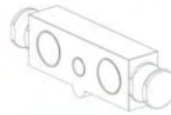
**Load cell tank mount Components.**



SL-343 Double-ended  
beam load cell



Tank mount



Load cell



Axel



Suspension link  
(2pcs)

**Bolt Details:**



M16 Eyebolt  
(4pcs, For lifting)



Bolt for platform joint  
M24 x 70mm



Bolt for railway guard  
M12 x 70mm



Limit bolt  
M24 x 100mm



Suspension Bolt  
For Ramp  
M12

All accessories are packaged in beams.



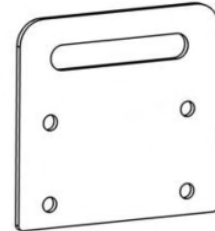
**Tools Required for Installation:**



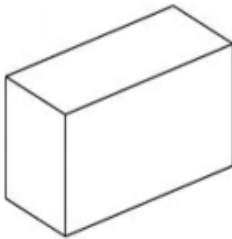
Forklift



Tape



Unload plate



Wood block



Wrench



Internal hexagonal wrench



Hydraulic jack



Flat blade screwdriver



Hammer



Expansion bolt



Auto socket wrench



Crowbar



Chains (2pcs)



Spirit level

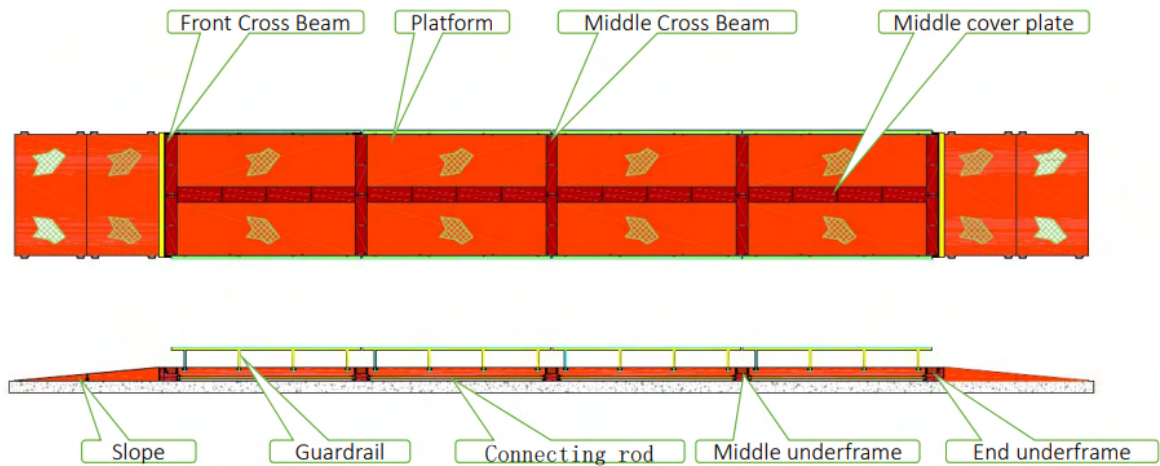


Churn drill

**INSTALLATION**

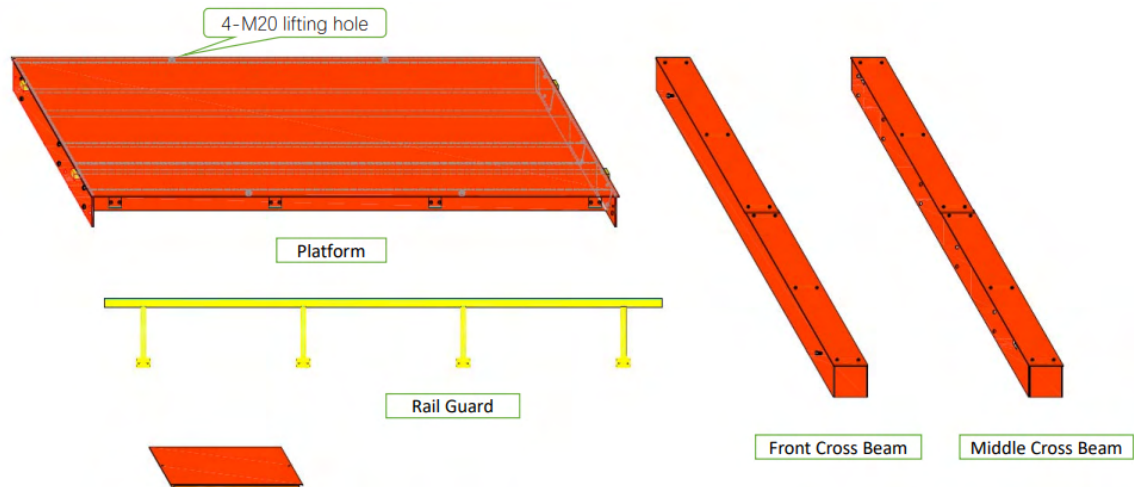
**1. Product Composition:**

This Truck Scale consists of a weighing platform, a lower frame, and a slope, as depicted in the figure below.



**2. Composition of weighing platform:**

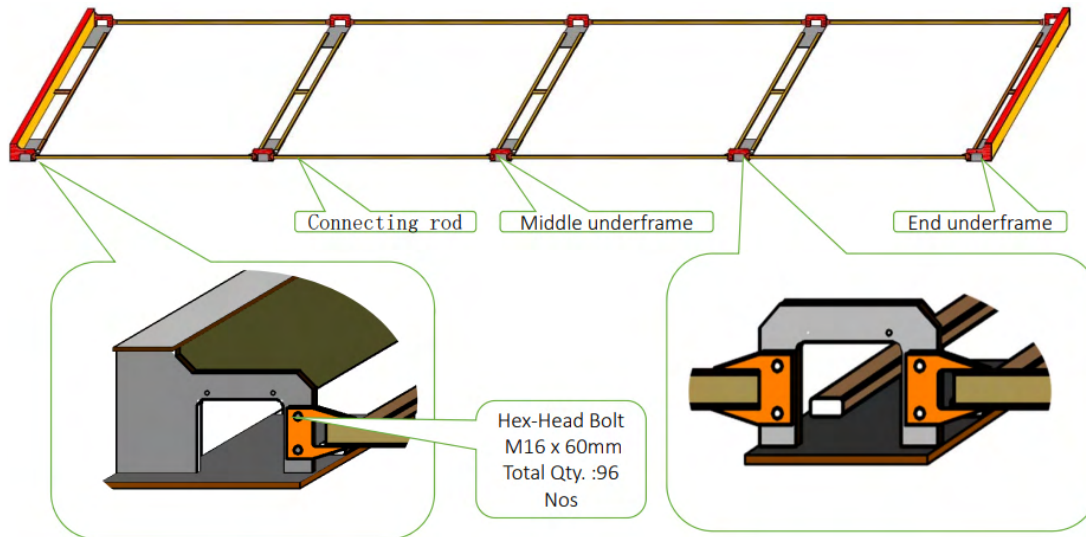
It is composed of a weighing platform, cover plate, cross beam and guardrail, as depicted in the figure below.





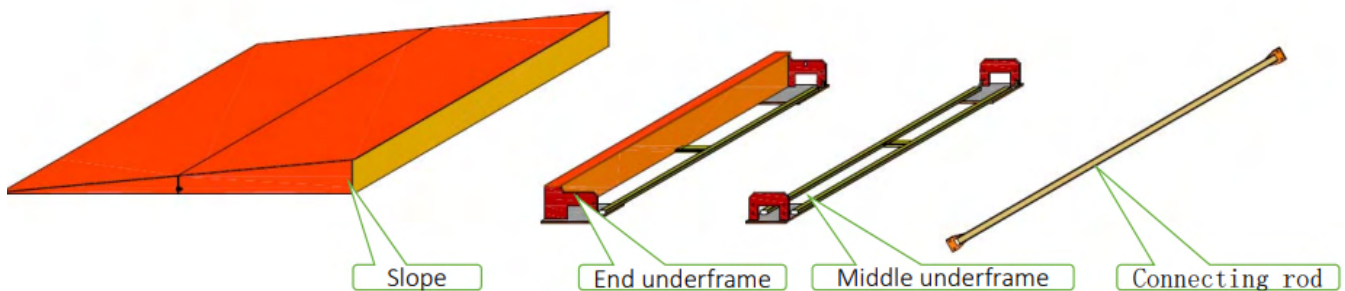
**3. Composition of bottom frame:**

The bottom frame consists of end underframe, middle underframe and pull rod.



**4.**

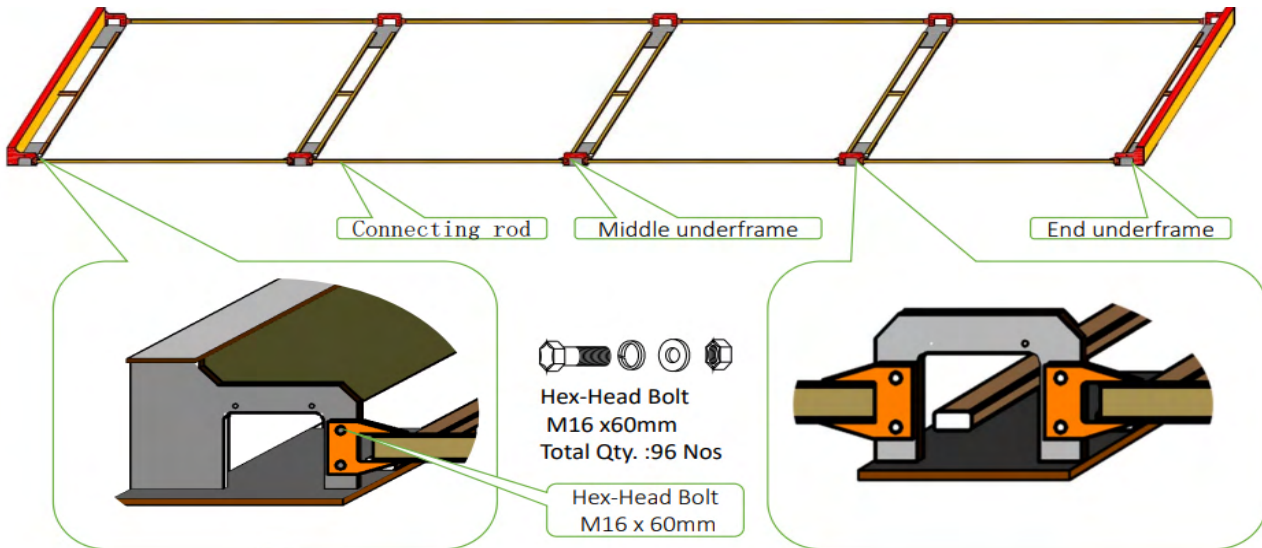
The bottom frame consists of end underframe, middle underframe, pull rod and slope (as depicted in the figure below)





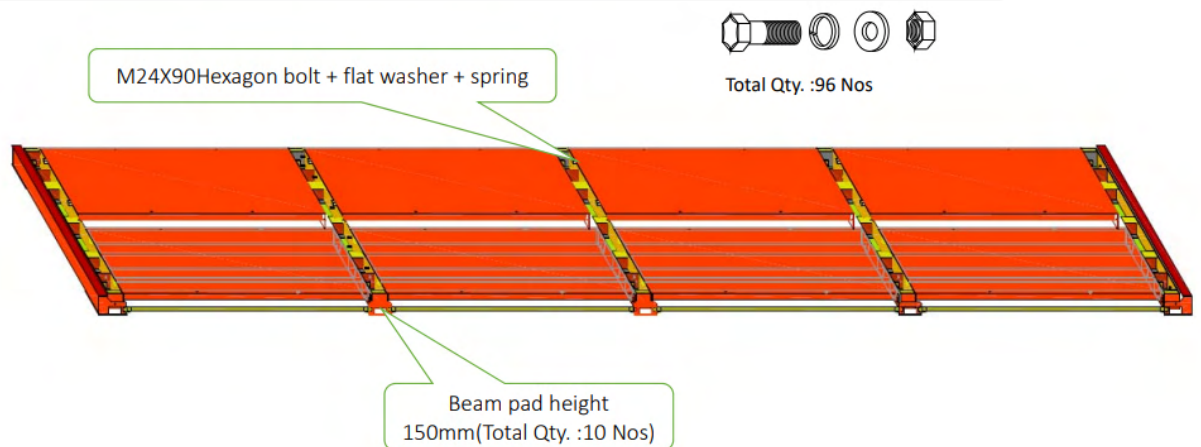
**5. Bottom frame installation:**

First, position the end underframe, then install the pull rod, and subsequently, assemble the middle underframe as per these instructions.



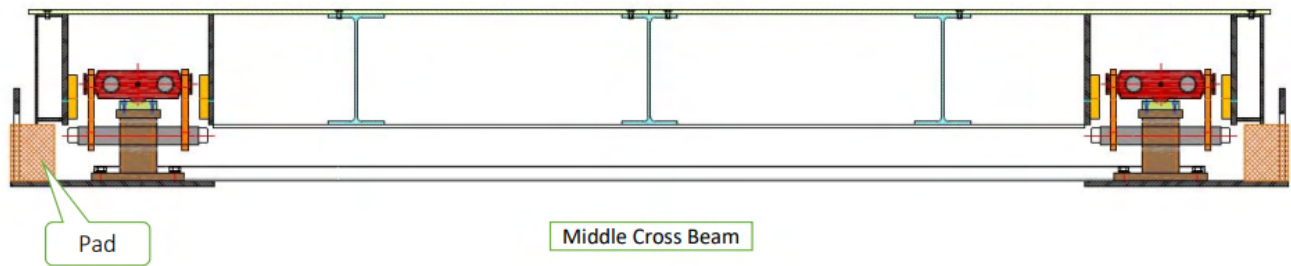
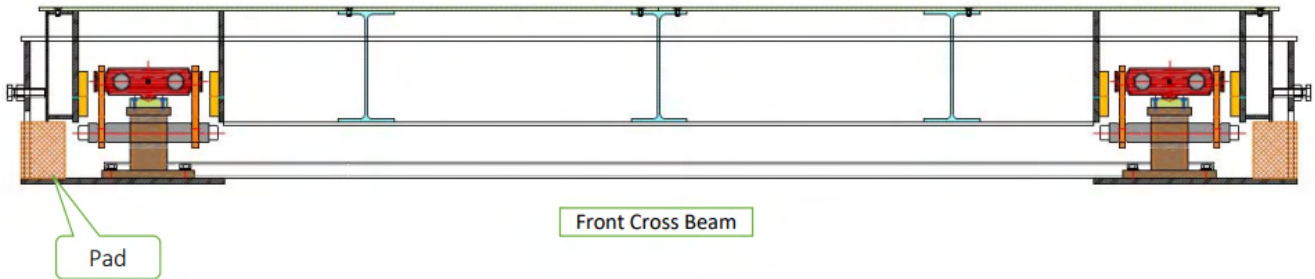
**6. Scale platform assembly:**

- i. Position the crossbeam onto the respective underframe, ensuring that both ends of the underframe are appropriately padded.
- ii. Elevate the scale platform from one end and fasten it using M24 \* 90 bolts.
- iii. Assemble accordingly.
- iv. Once all M24 bolts are threaded, securely tighten them using a torque wrench.

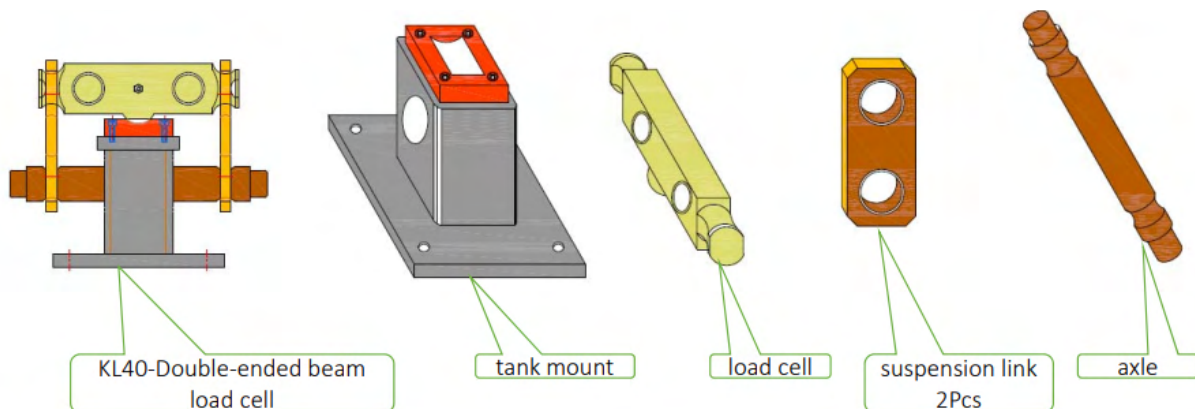


**7. Assemble the load cell:**

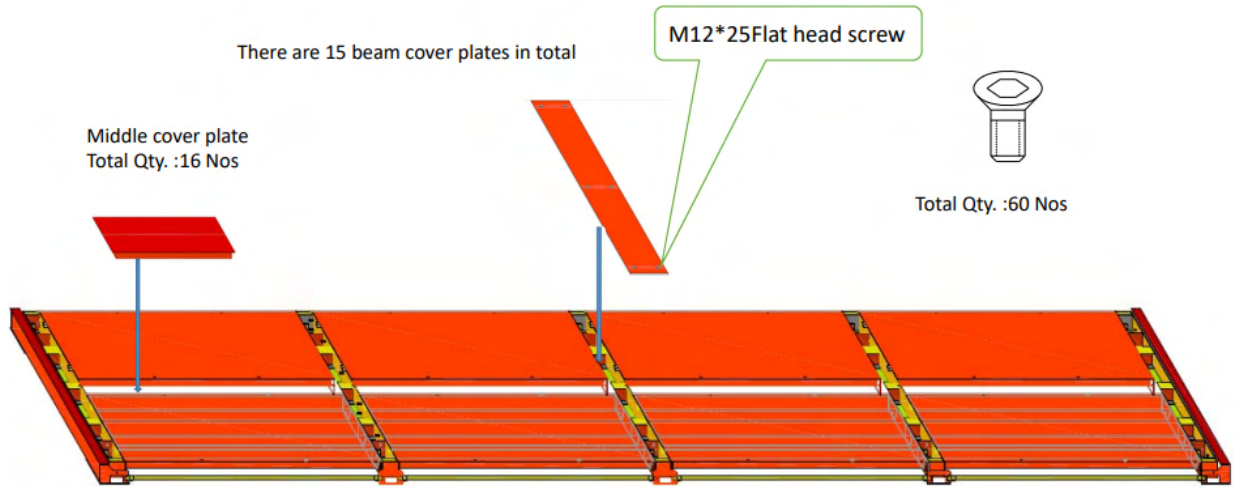
See the figure below for sensor components.



**8. K140 double end beam Composition of load cell:**



**9. Lift with a jack and take out the skid:**



**10. Guardrail assembly:**

