



GATCOBD Truck Scales

- ❖ GATCO offers you the most advanced technology-based scale in Bangladesh since 1994.
- ❖ GATCO is one of the best leading suppliers of weighing solutions all over Bangladesh.
- ❖ With over 25 years of experience, we designed, manufactured, and serviced a broad range of high-quality industrial weighing systems.
- ❖ GATCO truck Scales weighing vehicles dependably and accurately over a long scale life.
- ❖ With the rise of many business firms in the weighing industry, GATCO uniquely provides superior quality scales outstanding after-sales service & extensive functional and technical support.
- ❖ GATCO has the most advanced & unique features of Truck Scales that make your work easier.
- ❖ GATCO has its computer-based software to make the work done more professionally.
- ❖ GATCO has its server which will provide you with 24/7 hours service online.
- ❖ GATCO has the best scale designs which allow you to disassemble the platform and do anything with it.



So, why you should choose The GATCOBD Truck Scales?

Because.....,

1. It saves your valuable Profit and Time.
2. We design scales with demanding industrial environments in mind.
3. We ensure 100% genuine products with top brands.
4. We ensure the product's longevity and durability.
5. We have our own SQL server data-based system which allows you to recover lost weighing data if it's lost by any chance.
6. We manufacture truck scales from high-quality (50/60 grade) MS Steel
7. We provide you with fully 100% nut-bolt assembled scales.
8. GATCOBD provides 24/7 online service facilities.



**Differentiation between
GATCOBD Truck Scale & Other's Truck Scales**

➔ Scale Structure:



Picture: GATCOBD Truck Scale Mechanical Structure.

- GATCOBD offers the most dynamic scale structure design with demanding industrial environments.
- GATCOBD uses cross-section beams which will prevent the damage to the top plate.
- There are a little number of gaps exist in between the two cross beams.
- As the gap occurs horizontally, there is no chance of bending the top plates due to by pressure of the wheels.



Picture: Mechanical Structure made by another company

- On the other side, the scale structure made by other companies is not well-oriented.
- The top plates can easily be damaged by driving trucks continuously through the marked areas.
- There is a huge chance of bending the top plate as the pressure of the wheels is higher in these particular areas.



Scale Mounting System:



Picture: GATCOBD Truck Scale Nut-Bolted System

- We always use fully nut-bolted system to ensure lasting durability as **“Marked”** in the above picture.
- According to this system, the pressure of the weight spreads all over the scale perfectly as we used a maximum amount of cross beams.



Picture: Truck Scale Mounting System made by other companies

- Most of the companies do not use any type of cross-beams in their scale.
- As the long beams are welded with each other, that’s why the total pressure of weight only appears on the **“Circle”** areas, there is a high chance of damaging the scale earlier.
- Since the entire platform is welded to each other, if any part of the platform is broken, it becomes a very risky and difficult task to repair it.



Advantages of Nut-bolt system:



Picture: Nut-bolt System in GATCOBD Truck Scale

- The above picture represents how the top plates are connected with each other and how easily we can install the scale using nut-bolt system.
- As this system is a fully Nut-bolted system, if we want to disassemble the scale, it is very easy to disassemble the total scale and move it from one place to another
- Because of this system, we can disassemble the full scale part by part if it is necessary.
- It is much easier to identify the scale fault and can easily replace any parts if it is damaged.

The disadvantage of Welding:



Picture: Disadvantage of welding the platform of other scales

- As you can see the “Circles” where beams are being welding with each other, is being damaged due to the continuous pressure of wheels of vehicles.
- There is no chance of separating the beams except cutting them. So, this is one of the most common disadvantages of this type of truck scale structure.
- As the total scale is mounted by welding, it is quite impossible to change any scale parts perfectly.



➔ Load cell Chamber:



Picture: GATCOBD Load cell Chamber for truck scale

- GATCO brought us the brilliant ways to make things easier. That's why; we design a load cell chamber for Truck Scale Load cells with variant of advantages.
- Each Load cell has individual chamber as we can see in the above picture. It is much easier to change load cell from this box.
- For Pit Type Platforms, just raise the platform top plate, disassemble the nut and replace the load cell. Simple!
- Load cell servicing in simple and also you can see the visual condition of load cell from outside.

➔ Other Scale Load cell space:

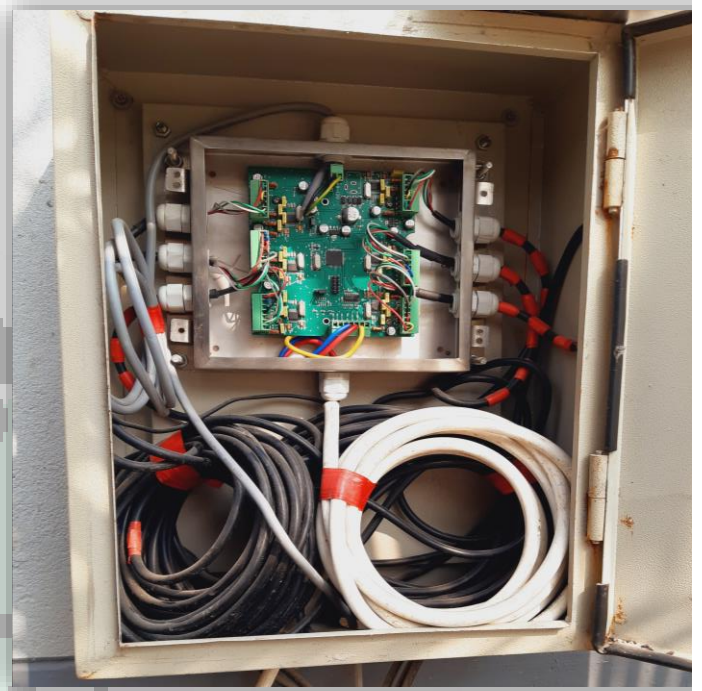
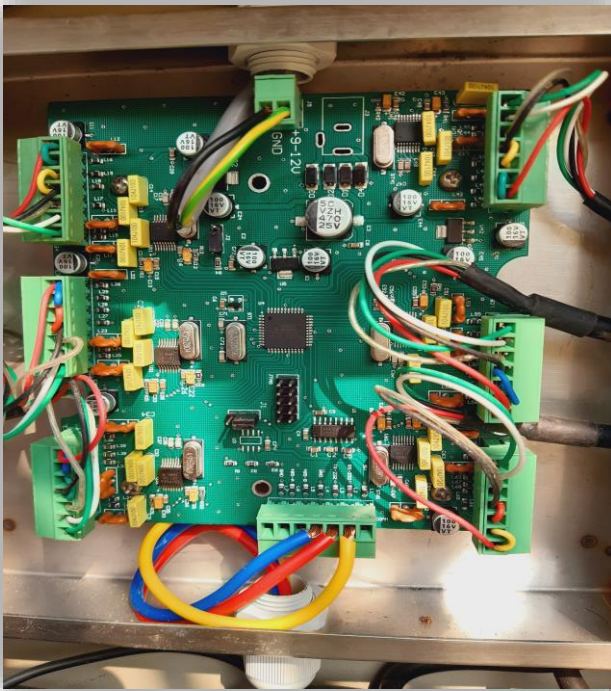


Picture: Load Cell space made by other companies

- Other company does not use any load cell box or chamber except they make hole or loop where load cells are mounted with the ground through the hole and the scale is established on the load cell.
- As a result, it is a much more difficult and riskier thing to work under a heavy platform, as well as engineers, will face many difficulties while changing the load cell or to repairing them.



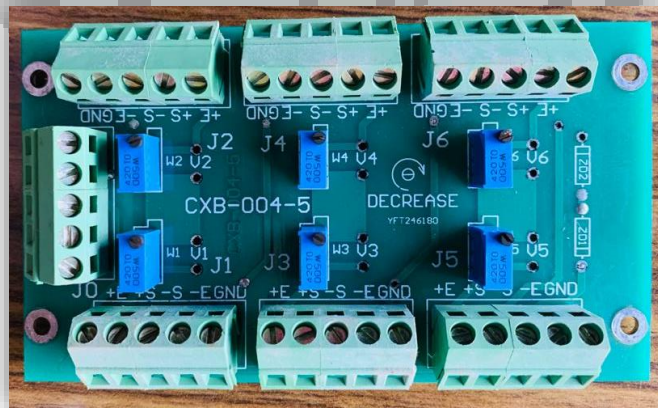
➔ **Controlling Process: (Configurable)**



Picture: GATCO gives you a **Configurable** Digital Junction Box (DJB)

- GATCO has the most advanced technologies to control the Load cell signals by using Digital Junction Box.
- Digital Junction box provides you with the most relaxing features that no other junction box can do.
- Digital Junction box provides individual Digital signals to the computer. With the help of this DJB, it is very simple to see the health condition of individual load cells, and also it is very easy to check the ADC rate of each load cell while all the load cells are connected with it.
- GATCO uses double air-tight boxes to provide more device protection whereas troubleshooting is a much simple and less time-consuming process.

➔ **Non-Configurable Junction board:**



Picture: Non-Configurable Analog Junction Board

- Other Truck scale companies use non-configurable analog junction boards.
- This type of Junction board cannot show the ADC Signal of individual load cells at the same time, and for that, it will be very complex work to identify the damaged load cell.
- It is a very time-consuming element in terms of troubleshooting the unspecified problem.



Conclusion:

- GATCO is one of the best weighing systems suppliers in all over Bangladesh. Over the decades we have manufactured many truck scales, and we have seen how other truck scales fail. We created, produced, and serviced a wide range of high-quality industrial weighing systems with over 25 years of expertise.
- With the growth of various commercial enterprises in the weighing sector, GATCO stands out by providing superior quality scales, exceptional after-sales service, and extended functional and technical support.
- GATCOBD heavy-duty truck scale will perform successfully for 15 to 20 years undoubtedly.
- GATCO Truck Scales provide the most innovative and distinctive features that make your job easier.
- GATCO employs computer-based software to improve the quality of its work.
- GATCO has its server that will give you internet service 24 hours a day, seven days a week. We are confident in our quality; so we give you added peace of mind with our product.
- GATCO truck scales weigh trucks consistently and precisely during a lengthy scale life.

Thanking by,
Scale Department
Global Asia Trading Company Bangladesh (GATCOBD)

Your Trusted Partner for Digital Scales