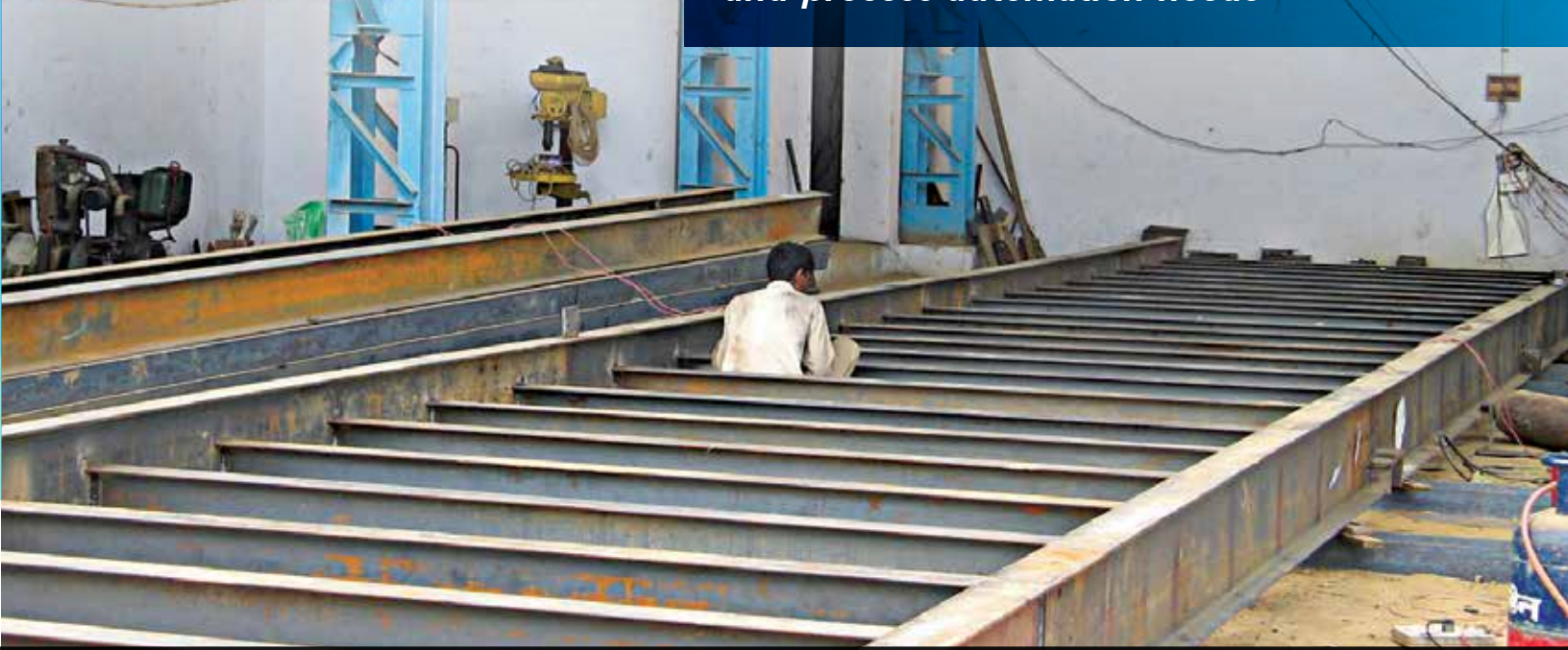




# Horizon weighing and process automation

*The ideal solution for all your weighing and process automation needs*



■ WEIGH BRIDGES ■ TANK WEIGHING ■ BATCHING SYSTEMS ■ AVIATION WEIGHING ■ PLATFORM SCALES ■ FILLING SYSTEMS

# Horizon Weighing & Process Automation

Horizon Weighing & Process Automation, based at Delhi is a complete solution provider for all your weighing and process automation needs. Initiated by a team of dedicated Electronics & Mechanical Engineers (ex Avery, Philips/Sartorius) with combined experience of more than 60 years in the field of weighing.

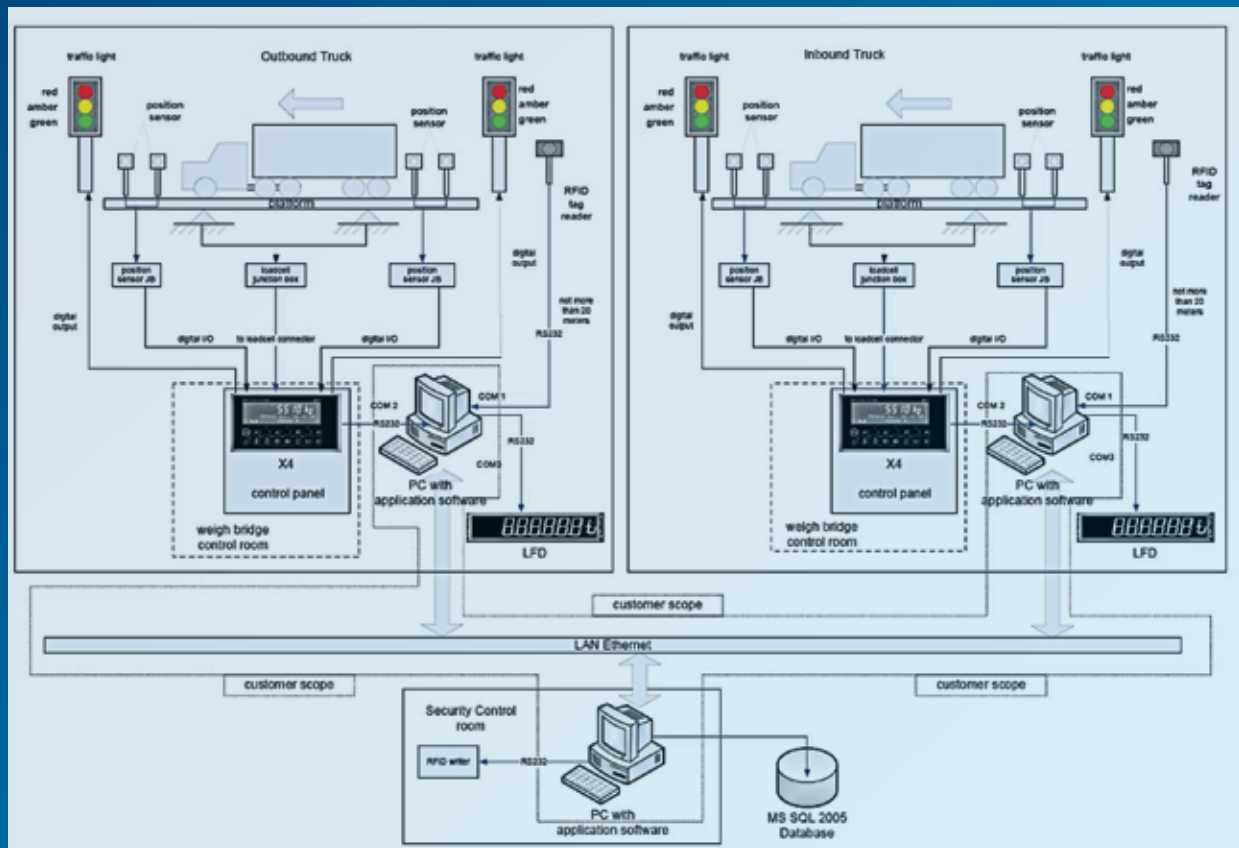
Weighing is a demanding profession that requires high degree of accuracy, dedication, commitment and sincerity. We have been offering quality service to the complete satisfaction of our clients for the past 22 years.

Today, we are capable of handling all fields of industrial weighing. Everything is driven by a single philosophy: continuous endeavour to design and develop products and services which meets customer needs perfectly and within the desired budget.

We at Horizons have one thing upper most in mind: providing our clients with the best & cost effective solutions for the specific requirements. We also offer consultancy from the time of framing of specifications and planning right up to start up and commissioning with constant monitoring at every stage for maintaining high quality standards.



## An example of unmanned weighbridge application



# Durable weighbridges

*High quality and reliable electronics from renowned manufacturers is used in all our systems*

## Manufacturing

### The production of Weighbridges

is done under strict quality control and continuous supervision of our expert team.

The company is also in a position to fabricate **tailor-made structures** for different kind of specialized applications with premium materials and manufactured for lasting performance.

### In tune with tomorrow

The easy-to-install **conversion kits** are available for retrofitting with the latest electronic weighing technology in the existing weighbridges as a cost effective solution.

### SOFTWARE

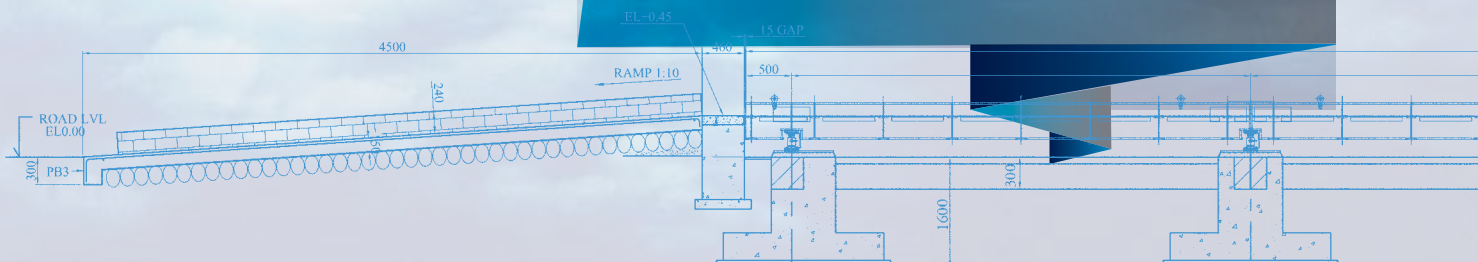
#### capturing and analyzing data

Good data management software can easily manage data and control weighing processes. The software can give users control of scale functions on their computer and store a detailed record of every weighing transaction. It adds accuracy and durability to weighing trucks every day as compared to handwritten transaction. The software can help in protecting your business and is highly configurable.

The advantages are clean and sophisticated data visualisation, Real time data sharing between multiple users can be possible with special software.

Automation and fraud prevention with driver terminals, cameras and hardware is possible via unmanned weighbridges.

Customised user roles are also possible.



# Creating value

## Annual Maintenance Contract

### Service partner for your equipment

Our clients benefit from:

- Range of quality products & professional execution of orders
- Our comprehensive service contract schemes
- Weights & Measures certification services
- Preventive maintenance after the initial purchase.

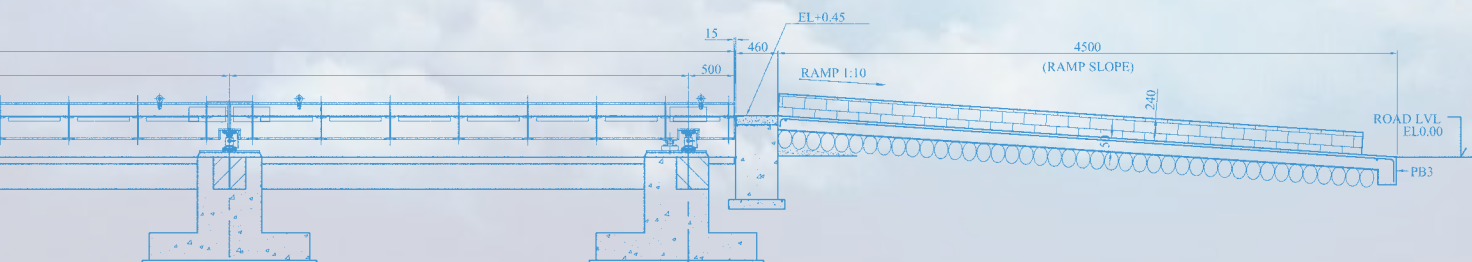
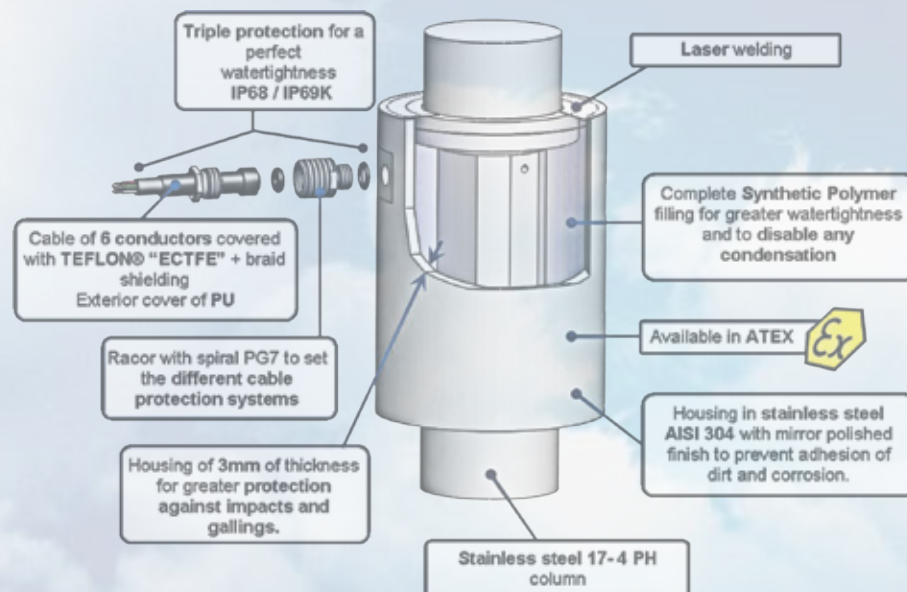
**Regular inspection** of the installation not only guarantees optimum **accuracy** and **performance** but also helps to maximize lifetime and returns on the client's valuable investments.

We maintain an optimum inventory of spare parts that enables us to offer our clients **prompt repair** and quick replacement/exchange services reducing downtime.

Our products and services can be tailored to the needs of our valued customers.



## A typical load cell construction





# Product profile

## *Load Cells .....*

**The compression range of load cells are designed exclusively for use on road weighbridges and tank weighing applications.**

The unique design principle, combined with the installation kits, balance out lateral movements caused by mechanical or thermal expansion or contraction of the weighbridge and tank construction. The unique combination of the selected geometry and material/surface hardness parameters guarantees perfect rolling characteristics, high restoring forces and long-term maintenance-free operation. A particular design characteristic is that the height and shape of the load cell remain constant over various load stages, whilst there is a particularly high overload range from 200% up to 500%.

### **Compression Type Load cells**

- ▶ No corner adjustment necessary
- ▶ Full stainless steel housing
- ▶ High overload capacity - 200 to 500%
- ▶ Hermetically sealed
- ▶ IP 69K (wash down cleaning)
- ▶ Proven rocker-pin principle
- ▶ Best over-voltage protection
- ▶ Wide operating temperature range
- ▶ Resistant against vibrations
- ▶ Highest reliability Counts
- ▶ 100 % Maintenance free
- ▶ W&M approval (OIML R60, NTEP)
- ▶ Calibration without test weights





## Some of our clients

- Maruti Suzuki India Limited
- Berger Paints Limited
- DIC India Limited
- U.K. Paints India Limited
- Kansai Nerolac
- Goodyear India Limited
- Hero Moto Corp.
- Escorts Limited
- Hindustan Times
- Carrier Aircon
- Denso Haryana Limited
- Heinz India Limited
- Delphi Automotive Systems
- Road Builders of Malaysia-Pati JV.
- Unitech Limited
- DLF Limited
- Centro-Dorstroy India Pvt. Ltd.
- Prateek Group
- Globe Civil Projects Pvt. Ltd.
- Wave Group (Infra13)
- Continental Aviation (Mesco Airlines)



## Various indicators and process controller.....

Indicators & Controllers are most important part of the system. The overall efficiency & perormance of the system depends upon the correct choice of the indicator.

We offer a range of these to choose from to suit all requirements & budgets.

We also offer customized solutions for all your batching applications.



## Horizon Weighing & Process Automation

### Delhi Office:

B-152, 3<sup>rd</sup> Floor, DDA Sheds,  
Okhla Industrial Area, Phase-I  
New Delhi - 110020  
Tel: (+91) 11 41661182, Mobile: (+91) 98100 77182

### Noida Office:

#1119, Sector - 37  
Opp. Noida Golf Course  
Arun Vihar  
Noida - 201303, U.P.

email: [horizon.weighing@gmail.com](mailto:horizon.weighing@gmail.com)