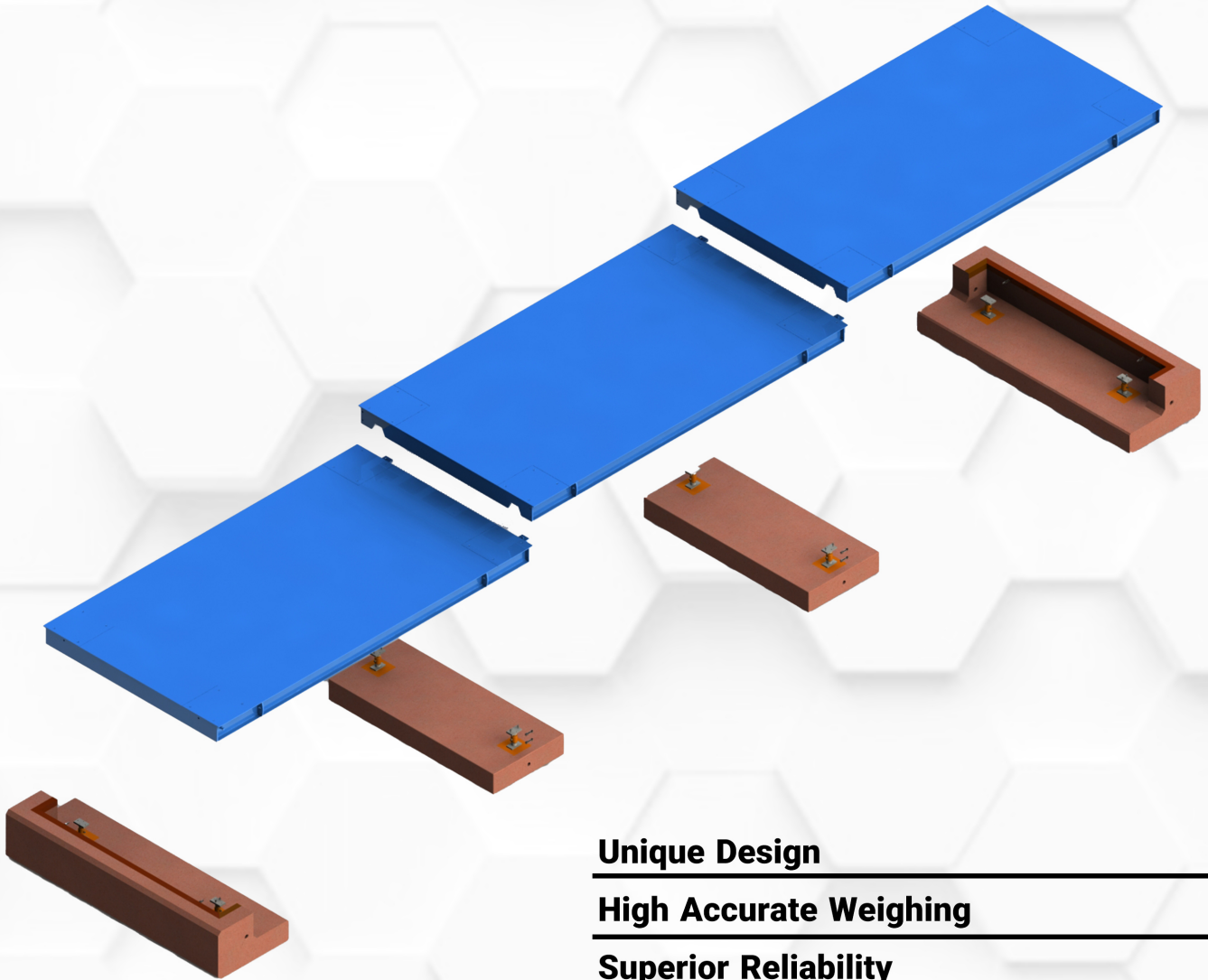


# CASPIAN PIT-LESS

## Caspian Pit-Less Truckscale

where the excavation of foundation is difficult



**Unique Design**

**High Accurate Weighing**

**Superior Reliability**

**High Performance**

**Easy and Quick Installation**

**Minimum Service and Maintenance Cost**

**Minimum Foundation Cost**



Management System  
ISO 9001:2008  
www.tuv.com  
ID: 910523809

کاسپین  
**PAND**  
CASPIAN

**PandTruckscale.com**  
**PandCaspian.com**

# CASPIAN PIT-LESS

Caspian Pit-less truck scale is suitable in places where the excavation of foundation is difficult. Since the structure is above the ground, vehicles can approach the Truck Scale only from two directions where the ramps are provided. Caspian tip-less truck scale requires more space as ramps plays a role as tail!

Tow side metal guards can be installed to raise safety when sudden movements happened or a truck should be weighed in stormy weather. The color of truck scale is customizable as its size can be, which helps you to request a truck scale in color goes with your color brand identity. One of the prominent features of this model is accessibility of loadcells from both sides and on platform.

In addition, Easy assembly and relocation option leads to minimum cost of transportation as the purpose of us is to deliver a high-quality truck scale while keep costs low.

**Superior performance, high accurate weighing for every condition**

Unique design, fast and zero error production...



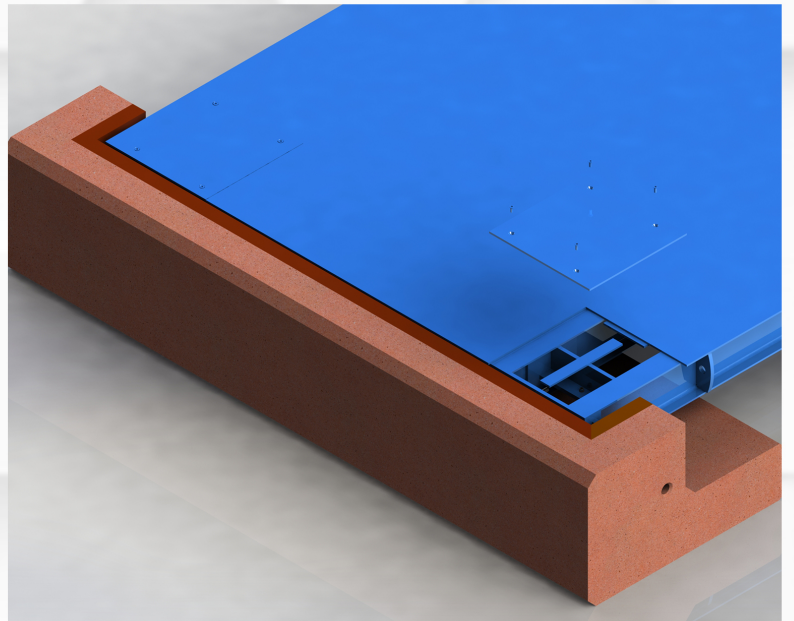
National and international certification...



Strong construction and reliability, long service life, minimum maintenance cost...



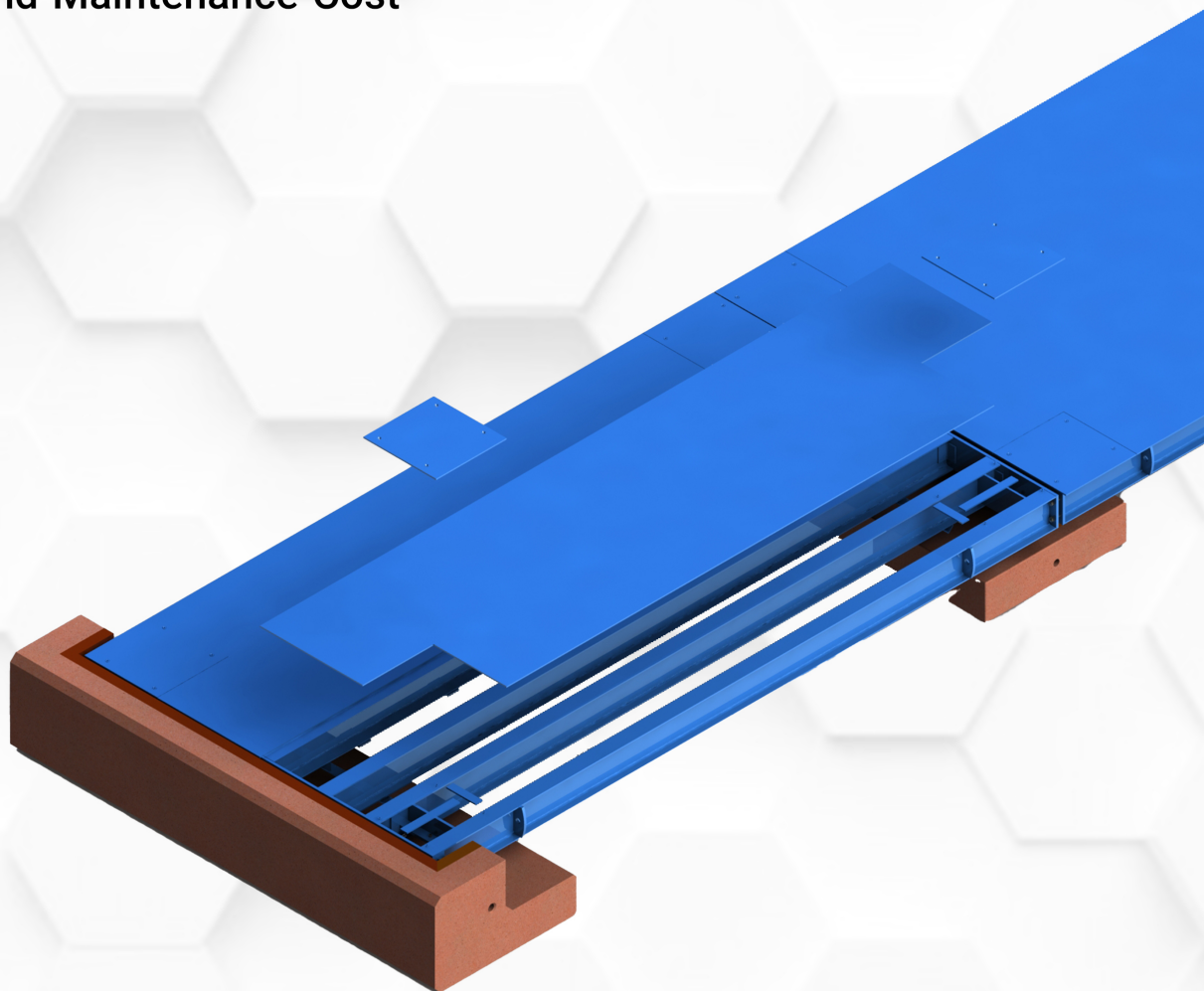
Easy operation of weighing process with standard and optional equipments...



# CASPIAN PIT-LESS

## Features

- High Accuracy Performance in All Conditions
- Superior Strength and Great Performance
- Easy and Fast Assembly and Relocation
- Minimum Preparation just Under Load Cells
- Modular Panels Made of Metal Beams
- No Need Heavy Crane
- Light Metal Structure
- Two Side Metal Guards
- Low Service and Maintenance Cost





# CASPIAN PIT-LESS

## Technical Specification

Caspian Pit-less Type					
No.	Item	Specification			
1	Platform (deck surface)	Metal			
2	Load-Cell	Type / Class: Compression / C3 to C6 Protection Class: IP 68 (IP 69R) Material: Stainless Steel Operating Temperature: -40°C ...+80°C Capacity (per load cell): 30t – 40t			
3	Axle limits (CLC)	40 Tons			
4	Protection	Type: L-shape Bumper No:10-16			
5	Mounting access plate	Yes			
6	Foundation	Preparation Under Load Cells			
8	Indicator Model	PU850 or PU750*			
9	Junction Box	Protection class: IP65 Housing: Stainless Steel			
10	Mounting	High pressure resistance alloy			
11	Color	Alkyd Zinc-Chromate Primer NZ-203			
12	Types*	Capacity	Dimension (m)	Load Cell Quantity	Division**
		50	3*8	5	5
		60	3*16	8	5
		80	3*16 & 3*18	8	10
		100	3*18	8	10
		120	3*18	8	20
		150	3*24	10	20



# CASPIAN PIT-LESS

## High Quality and Accuracy Load Cells

Truck scales are weighing devices operating harsh and tough working conditions. The load cells used for **Caspian PIT-LESS** series truck scales are not affected from major and sudden forces with their superior geometries during vehicle movements. Their ability to work under water and washed by pressurized water condition structures provide longterm performance under harsh environmental conditions and corrosive substances. With standardized loadcell outputs, no corner adjustments requirement makes most exact measurement guaranteed at every point.



### Minimum Service and Maintenance Cost

Stainless steel load cells with completely hermetic sealed enclosure provides extended performance in harsh industrial environments. With these superior properties of load cells, it significantly reduce maintenance costs.

Most importantly, it eliminates weighing failures that occurs on the truck scales unlike other load cells which are not equipped with completely hermetic sealed enclosure on the market place.



Our digital packages for Caspian PIT-LESS can be included these brands by your order:

Flintec  
Utilcell  
Transdutec  
Kelli  
Zemic

# CASPIAN PIT-LESS

## Additional Options and Accessories

Every business has different needs when it comes to work professionally.

PandCaspian Co. offers a variety of options to facilitate the truck scaling process.

We provide a full-service of truck scaling and its accessories.

### Plate Defined Weighbridge Management System

Plate Defined Weighbridge Management System Plate Defined Weighbridge Management System is designed to detect the vehicle entering the platform. It records the vehicle license plate, in weighing process, camera ID transfers date and the time of vehicle entering the platform. The camera is linked with the computer installed in the weigh cabin. The length of the vehicle on the scale can also be recorded, optionally. Multiple cameras can be installed to take pictures at different angles at the same time. Anything would be practicable as the customer order.



### Remote Display

If you want to observe the value of the weigh outside of the cabin, remote display is the right choice. It can be set up at any suitable place based on the available sites outside of the cabin. The value is clearly readable on red LED indicator with 7 digits. Remote Display is so useful in a foggy, smoky and dusty weather, our remote displays make sharp, easy-to-read weight values.



### Traffic Lights

One of the important matters in truck scale is organizing vehicle when the site is too crowded. Traffic lights is so useful for the organization of entry and exit by commanding truck drivers. It could be mounted in the weighing cabin or scale area. Barrier is another applicable part of traffic lights. It open and close the entry to improve the speed of weighing process.

