



Pitless Weighbridge manufacturer and exporter- [weighbridgeafrica.com](http://www.weighbridgeafrica.com)

<http://www.weighbridgeafrica.com/pit-less-weighbridge.php>

[Pitless weighbridge manufacturer](#) and [Pit less weighbridge exporter](#), India, South Africa, Kenya

Pit less weighbridge exporter, pitless weighbridge manufacturer, fully electronic weighbridge, electronic weighbridge, pit less, mobile, rcc weighbridge, modular, mechanical, axle weigh pad, axle weighbridge, manufacturer, exporter, South Africa, Kenya, India, Tanzania, Libya, Bangladesh

This type of weighbridge / Truck scale is most suitable where the excavation work for foundation is difficult or construction of pit is expensive. Since the structure is above ground level, vehicles can approach the weighbridge only from two directions where the ramps are provided. This type of weighbridge requires more space.



In [Pitless Type Weighbridge](#) RCC ramp work must be required at least 3 meters for both sides for easy movement of vehicle.



Benefits:

1. Costly Pit construction is eliminated.
2. Platform above ground level- No water logging During rainy season
3. Problem of pit maintenance is eliminated.
4. Easy maintenance since all parts accessible Above ground level.

Robust Load Cells and Digitizers:

The most important components of an [electronic weighbridge](#) are the load cells and digitizers. EAGLE has made both of them very robust and hence, the best available in the country.

Highly Durable Girders and Plates:

A truck to be weighed is directly driven to the platform of a weighbridge and hence, the platform is subjected to the entire load and vibrations created by a moving truck. Our weighbridge platforms (made of steel) are designed very carefully to withstand these loads without damage and are highly durable. The girders and plates used in our platform are selected very carefully and undergo stringent quality checks as per ISI & IS 2062 Grade.

Reliable Mounting Assembly for Load Cells:

The next most important component is the **mounting assembly for load cells**. This transfers the load from the platform to the load cells. This is a cradle assembly which is free to move in the horizontal axes and hence **takes all side loads generated due to the vehicular movements on the platform**. The mounting assembly consists of three parts namely, the Bottom Plate, Rocker assembly and Top Bracket.

Low Resistance Cables and Weather Proof Junction Box:

The signal from the load cells (in milli-volt) is carried to the digitizer, in the control room, through a **4 - core shielded cable**. The cable has a **very low electrical resistance** and hence, no loss of signals. The cables from different load cells, in a weighbridge, meet in a weather **proof junction box**. The junction Box is of fully molded type and houses the necessary terminal blocks for interconnection of load cell outputs. The Junction box also carries a set of **surge arrestors, to protect the entire system from lightning** and electrical surges.

Easy to use Weighbridge Software:

EAGLE Weigh soft - user friendly, windows based software for weighbridges. It is highly secure and customizable - password protected different user levels, allows you to create your own fields, depending on your specific requirement.

For more details please visit our website: <http://www.weighbridgeafrica.com/pit-less-weighbridge.php>