

## Mount for Weighbridge Mount/Truck Scales

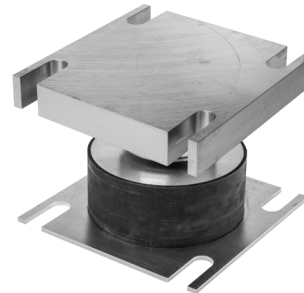
### FEATURES

- For use on steel or concrete weighbridges
- Above ground or pit mounted
- Composite rubber and plated steel construction
- Low profile
- Simple installation
- Shock resistance

### DESCRIPTION

The Model 220 is ideally suited for use in steel or concrete weighbridge applications. When used in conjunction with the composite mount it forms a compact assembly which is rugged and tolerant of heavy treatment.

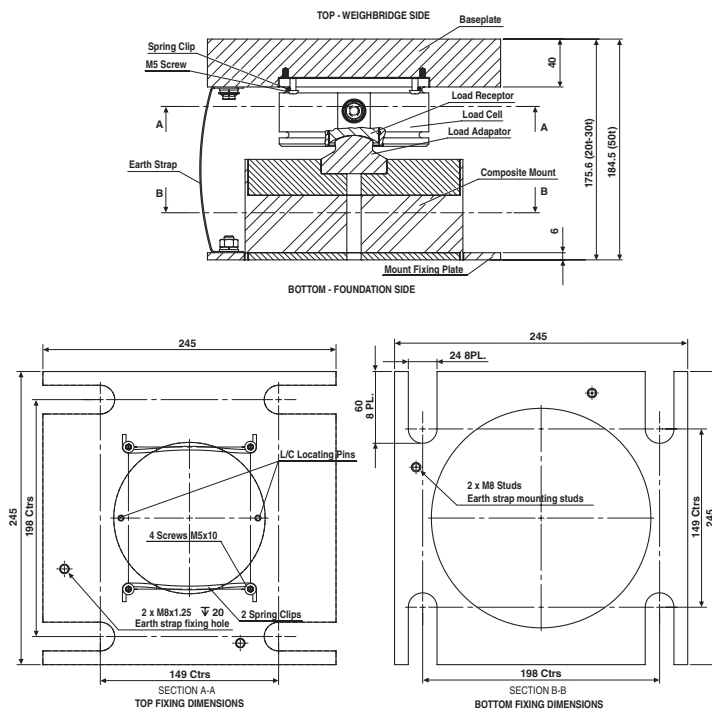
The mount assembly allows free motion in any direction in the horizontal plane at the same time as supplying restoring moment (return to centre motion) and retaining low vertical deflection. It supplies the required rigidity while retaining shock absorption capability. It exhibits low



effects to changes of temperature and allows for thermal expansion of the bridge structure.

The complicated arrangements that often accompany conventional installations of load cell mountings are avoided. This system for truck scales can be installed in a matter of a few hours instead of more than one day.

### OUTLINE DIMENSIONS in millimeters



The two mounting kits are:

MTS-COMP-30T

MTS-COMP-50T

Comprising composite mount, load adaptor, mount fixing plate, earth strap, nut, and washers. Packed weight: 12.5 kg

MTS-BASEKIT-50T-CS

MTS-BASEKIT-30T

Comprising baseplate, location pins x 2, spring clips x 2, M5 screws x 4, screw and washers for earth strap. Packed weight: 18 kg

1. To ensure safe use of the weighbridge mount, restraints should be fitted between the weighbridge deck and foundation.
2. VPG Force Sensors cannot accept responsibility for the improper installation of the weighbridge mount.
3. Because of the weight of the base plate and consequent freight costs, customers might wish to machine it locally. Manufacturing details of this simple plate are available free of charge on request.
4. A separate kit of spring clips, location pins, and screw is available (MTS-CLIPKIT-50T).
5. An alternative weighbridge mount is available for use with the 220 load cell. Details of the Rocker Pin (MTS-ROCKER-50T) are available upon request.

**VPG Force Sensors provides installation details separately, please refer to Technical Support Document, TSD.0007**

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