

VS4020S

STEEL SURFACE MOUNTED WEIGHBRIDGE



SHERING
WORLDWIDE WEIGHING



WWW.SHERING.COM

The latest weighbridge from the world leader in weighbridge technology - the Shering VS4020S, designed to fulfil all requirements for users requiring a dependable long-lasting weighbridge suitable for operating in the most arduous industrial environments.

The VS4020S is of an exceptionally robust design based upon the **Drive-Through** concept. Its high strength is provided by a one piece fully welded structure featuring two heavy duty profile, rolled steel longitudinal side beams with lateral cross members placed at 750mm centres. For users with particularly high volumes of vehicles or vehicles with higher than normal axle loads, a heavy duty version VS9020S is available.

As with all weighbridges within the Shering range, the weighbridge platform is constructed using 12.5mm on the plain (15mm over pattern) thick Durbar chequered steel plates. The platform plate seams are all continuously welded and the surface treatment (CPS) consists of a special high corrosion-resistant surface coating system.

All load cell cables are enclosed in flexible steel conduit to protect against accidental damage or vermin.

There are two versions available: low profile (LP) with a 300mm minimum ground clearance, and high profile (HP) designed with additional clearance under the weighbridge structure for excessively dirty sites where regular cleaning is a major necessity. Only ultra-simple foundations are required for both versions (no foundation bolts).



The standard VS4020S is 3m wide and is available in the following platform lengths: 8m, 10m, 12m, 15m, 16m and 18m. Other sizes and widths are available on request.

**WORLDWIDE
WEIGHING**

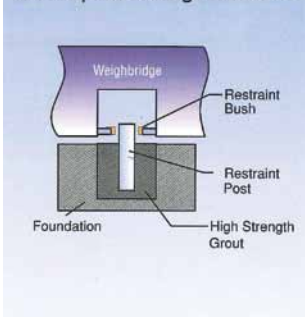


VS4020S

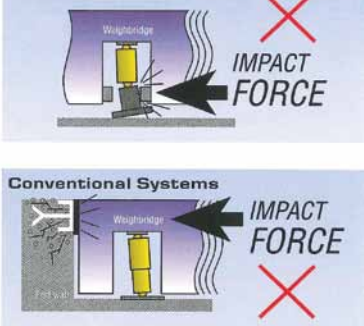
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IDE - Impact Damage Eliminator



Conventional Systems



The Shering Patented IDE Restraint Post System

All models within the Shering weighbridge range feature the revolutionary patented load cell mounting and Impact Damage Eliminator (IDE) Restraint Post system. The system design prevents side impact forces thereby extending the life of the load cells. The IDE system eliminates all potential impact forces by reducing weighbridge movement to 1mm, allowing faster throughput of traffic with reduced settling times.

Accurate Weighing Guaranteed

The load cell is the heart of the weighbridge and our pursuit of excellence continues. Precia-Molen load cells are produced in-house to exacting standards. Manufactured in stainless steel and hermetically sealed to IP68 ensures ultimate performance and durability. The CDL load cell uses the latest digital technology eliminating external interference. A self-diagnosis device warns the user in the event of a threatening malfunction, guaranteeing reliable, accurate weighing every time. In addition the proven lightning protection system fully insulates the load cells from lightning damage and high static charges.



Your Investment for the Future

The no compromise standard of our weighbridges, coupled with advanced load cell production techniques, enables us to offer an extended 10 year* guarantee on both the weighbridge structure and the load cells, delivering the best in class lifetime weighbridge costs.

*terms and conditions apply



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