

# VS5020S

## STEEL SURFACE/PIT MOUNTED WEIGHBRIDGE

**SHERING**  
WORLDWIDE WEIGHING



WWW.SHERING.COM

The Shering VS5020S is an extremely versatile weighbridge from the world leader in weighbridge technology. Its futuristic monocoque design produces a very rigid platform structure with tremendous inherent strength and durability unsurpassed in the weighbridge market.

The combination of new materials and advanced Coating Protection System technology delivers a weighbridge structure designed to fulfil all requirements for users looking for a dependable long-lasting weighbridge suitable for operating in the most arduous industrial environments.

The VS5020S is a very streamline weighbridge with a unique design which achieves a low profile dimension of only 34cm whilst retaining exceptional strength and rigidity. Its versatility in design enables the VS5020S to be either surface mounted or pit mounted. Both versions are offered with the option of a vehicle guidance system.

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 stainless steel conduit to protect against accidental or vermin damage.



The standard VS5020S 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.

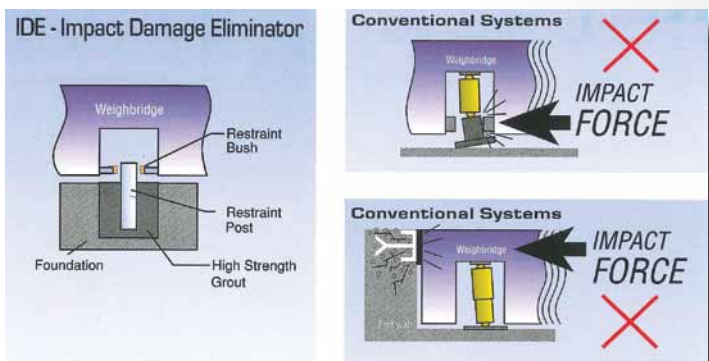
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## The Shering Patented IDE Restraint Post System

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\* or 15 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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Illustrations are not contractual. Precia-Molen reserves the right to modify at any time, without prior notice, the information contained in this leaflet.

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