

VS310CS POUR ON-SITE SURFACE WEIGHBRIDGE

**PRECIA
MOLEN™**
WORLDWIDE WEIGHING



From the world leader in weighbridge technology the Precia Molen VS310CS surface mounted weighbridge offers a robust and long lasting, yet cost- effective, road vehicle weighbridge. Designed to operate in the most arduous environments the low- profile structure necessitates remarkably low maintenance over its operational lifetime.

The VS310CS is a composite concrete and steel construction. The concrete foundation base together with the weighbridge steel beams act as a shuttering frame for the site cast reinforced concrete deck to create an extremely strong one piece sealed platform structure. This eliminates the ingress of debris thus preventing weighing inaccuracies which can be caused by material build-up on the weighbridge foundation.

The loadcell mountings are in line with the main beams of the weighbridge and are protected from the elements by steel cover plates whilst still being easily accessible for maintenance purposes. The loadcell cables run through the weighbridge platform in flexible protective conduit preventing accidental or vermin damage.

The VS310CS features our unique restraining mechanism which protects the platform against transverse and longitudinal movement and eliminates

the effects of braking forces and shock loads. Engineered to withstand years of heavy usage this arrangement extends the life of the loadcell and allows faster throughput of traffic due to reduced settling times for stable weight reading.

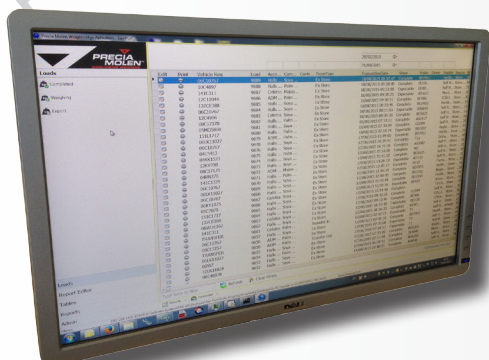


All steel parts are shot- blasted to SA2.5 with one coat of primer and a gloss top coating with a thickness to 110micron. Sizes range from 9m to 24m in length with a standard deck width of 3m. Other sizes are available on request including 3.5m and 4m deck widths.



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WEIGHBRIDGE SOFTWARE

All models within the Precia Molen Weighbridge range are compatible with our software solutions which are tailor made for most industries. These solutions not only manage weighing operations but also provide seamless interfaces with Accounts and ERP systems, provide stock control, detailed reporting and can manage traffic flow. All systems are available with an Automated Weighbridge interface.

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 ensuring 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.

All Precia Molen Weighbridges are suitable for use as part of an automated weighing system allowing drivers to operate the system without assistance.

*terms and conditions apply

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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