



Since 1867 PRECIA-MOLEN has been at the forefront of the weighing industry and established a worldwide reputation for quality and reliability. This has been achieved by applying our vast experience to the design, manufacture and application of all our products, from components such as load cells to fully integrated weighing, process control and management systems. Also for hazardous areas we can provide weighing equipment that complies with the latest ATEX regulations, this makes us able to deliver also weighing equipment suitable for zone "0".

This same experience is employed in our after sales service and preventive maintenance programs to ensure our customers have complete confidence in the accuracy and reliability to their PRECIA-MOLEN installation.

Throughout the past century PRECIA-MOLEN has earned an enviable name for technical excellence and innovation. However, our inventiveness is not only confined to standard products. When faced with

a special requirement our design team will respond and deliver an innovative solution. From unmanned weighbridges to the weighing of bulk cargoes or the provision of a completely automated management control system, the dedication and experience of PRECIA-MOLEN guarantees complete satisfaction.

PRECIA-MOLEN enjoys an unrivalled reputation for accuracy and reliability. During the manufacturing process all products are subjected to rigorous testing and quality procedures to ensure they meet not only our own high standards and those of our customers, but also comply with CE regulations and the requirements of OIML.

Our weighbridges are standard delivered from 8 x 3 meter and can go up to a length of 24 meter. Other lengths are possible on request. In the event of delivering LZV (Heavy Long Vehicles) weighbridges we follow the specific required lengths. Weighing capacities are standard 70 ton but can go upto 120 ton (export weighbridges and specials).

www.preciamolen.nl

**Together
we're strong!**



Site constraints and application requirements are the deciding factors when selecting the weighbridge type. Whatever the specifications are, PRECIA-MOLEN has the answer to suit your wishes.

VEHICLE WEIGHBRIDGES, PIT MOUNTED



VS-110 C/P

A proven weighbridge design in use for many years. The concrete platform and foundation pit are cast in-situ, an economical solution for permanent weighbridge installations and applications inside buildings or underneath silo's. This design is also ideally suited for export destinations, then only the essential weighing components are supplied, complete with detailed civil drawings for local site construction of the platform.



VS-120 C/P

The weighbridge is essentially identical to the VS-110 C/P except that the weighbridge platform is supplied to site as a prefabricated concrete module. The foundation pit can be constructed in-situ or supplied as prefabricated concrete modules. Herewith a fast erection and commissioning is achieved. This weighbridge type is also suitable for LZV's.



VS-125 C/P

The weighbridge is installed in a foundation pit, with foundations, platform modules and side walls supplied as prefabricated concrete modules. The weighbridge, including the foundations, can be completely dismantled, making it fast to install and easy to relocate. The design is based on a low pit height, which has a positive effect on the cost for ground work. This weighbridge type is also suitable for LZV's.



VS-135 C/P

The weighbridge can be installed in a foundation pit as well as surface mounted. The platform modules, foundations and side walls are supplied as prefabricated concrete modules. The weighbridge, including the foundations, can be completely dismantled, making it fast to install and easy to relocate. Thanks to modular design, this weighbridge can be installed in one day.

VEHICLE WEIGHBRIDGES, PIT OR SURFACE MOUNTED



VS-200 C

A modular weighbridge design featuring a minimum of materials and yet with maximum strength. Ideal for both in ground or surface mounted installation. This weighbridge can also be easily dismantled and relocated. The platform and/or the foundation are supplied as prefabricated concrete modules. Depending on size, the platform may consist of one or more modules. The weighbridge has a low foundation pressure and requires a minimum of civil works, which are key features of this design.



VS-200 CS / TSE

Identical to type VS-200 CS, but featuring a platform construction of steel frame with reinforced concrete infill. The platform frames are supplied with pre-mounted reinforcement bars and the concrete infill is cast on site. It is possible to specify factory cast modules so that the platforms are supplied as finished units. This design is mostly used as a KIT for the export market.



VS-200 S

Similar to both foregoing types, except that the platform is a steel construction. Particularly suitable for export and rapid installation. Due to the strong construction this design is also suitable for weigh capacities up to 100 ton.



VS-200 CS Weighbridge kit

Unsurpassed for export destinations and firmly based on type VS-200 CS. In this kit version PRECIA-MOLEN only supplies all key components. Detailed manuals enable local manufacture of platform frames with reinforcement bars and necessary civil works. This all adds up to a tremendous saving in freight costs and yet all the technical features of the weighbridge design are retained. Because of the frame construction of the platforms no special moulds are required for the civil works and will it become very easy to construct the platform at site.

VEHICLE WEIGHBRIDGE, SURFACE MOUNTED



VS-300 C

A weighbridge design for surface mounted installations in which steel structures and a foundation pit are not desirable (e.g. in view of concentration of dangerous vapours) as may be the case in petrochemical plants. The weighbridges are suitable for use in hazardous areas like ATEX zone "0". The full concrete platform is cast in-situ on top of a foundation slab. Also very suitable for export destinations, in which case we supply the key components together with the detailed production drawings for the concrete platform.



VS-300 CS

A surface mounted weighbridge which optimises the ratio between price and performance. The platform consists of a steel frame and concrete infill which is cast on site and, utilising the platform frame, the need for special shuttering is eliminated. Civil works can be carried out locally with the aid of detailed drawings supplied by PRECIA-MOLEN. Upon request we can also deliver an extra wide version.



VS-300 S

A surface mounted weighbridge similar to the VS-300 CS but featuring all steel construction in which the main beams also serve as "side rails". Particularly suited for applications that do not allow a pit foundation e.g. applications inside buildings or underneath silo's. In such situations the weighbridges can be supplied in parts and assembled at site.



VS-920 S/R

A complete steel constructed surface mounted weighbridge with access ramps delivers maximum mobility. This weighbridge type can easily be relocated to new sites whenever necessary. Optional this weighbridge can also be delivered in an extra wide version. This weighbridge is the perfect choice for temporary or seasonal application or rental jobs.



VS-950 S/R

A surface mounted steel strip designed weighbridge with access ramps. This weighbridge can easily and quickly be mounted, and dis-assembled. Because of the low ground pressure this weighbridge does not need a special foundation and often can be placed on the road, provided a minimum ground pressure is available. Very suitable for temporary/rental use.

All above mentioned weighbridges are designed with so called "side rail" protection which provides extra security to the driver while driving on the weighbridge.

SPECIAL WEIGHBRIDGES

PRECIA-MOLEN also offers a wide range of special weighbridge types. Rail weighbridges and truck dumper weighbridges are typical examples, but also weighbridges for in-motion weighing of rail wagons are part of our supply.



Combined truck and rail weighbridge

These weighbridges provide an ideal solution to weighing both trucks and railcars on the same site. Just like our standard weighbridges, they are available with full concrete, full steel or composite platforms i.e. a steel frame with a reinforced concrete infill. These weighbridges are designed to accommodate countersunk rails with optional discharge grids for bottom discharging railcars.



Rail weighbridge

The railway weighbridge comes in two basic versions - with full reinforced concrete platform or with an all steel platform construction. This design can also be delivered with a platform construction consisting of discharge grids to become a discharge railway weighbridge suitable for bulk commodities.



Truck dumper

Truck dumping is a fast and reliable way of unloading road vehicles. By combining the weighing and dumping operations, even greater efficiency can be achieved. Discharging times (including lifting) up to 2 minutes can be achieved easily. The truck dumpers are delivered with single main cylinders or with 2 cylinders along side the platform. Capacities are standard 100 ton or 120 ton.

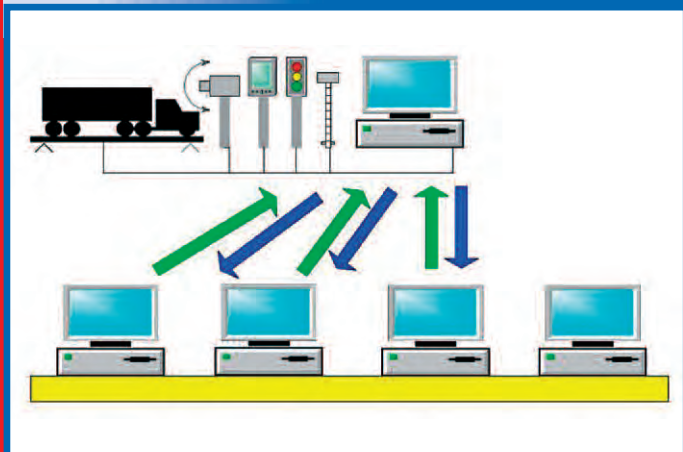
WEIGHBRIDGE SOFTWARE

For weighbridge automation and operating the weighbridge using a PC, UniWin software is used. UniWin is the most advanced weighing and vehicle flow program available on the market today. Due to its unique design it will suit nearly any application requested.

Using a configuration set we are capable of building your application quickly. Connections can be made with many devices like weighbridges and badge readers (self box), but also IO and even things like digital camera's can be connected to UniWin.

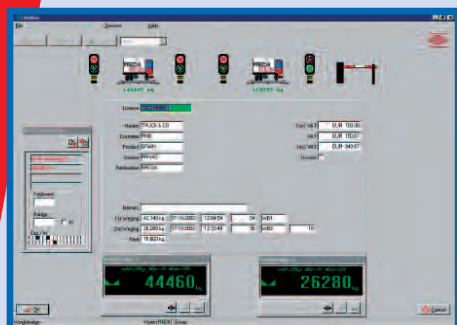
The database will allow for any file to be defined, like customers, products, contracts etc. and pre-programming files for vehicles, badges etc. All files can include fields with special validations and total fields like validation date, contract value, totals etc. Its Import/Export dialog allows you to transfer any of these files from one system to another.

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UniWin can be used in any kind of industry, like:

- asphalt production
- concrete production
- waste processing
- paper -, glass- and metalrecycling
- food industry
- transshipment and logistics



To connect the weigh system to administrative systems (ERP) we will use the special developed UniWin Driver.

AUXILIARY EQUIPMENT

Driver self-service unit

with or without pay terminal. The self-service unit with pay terminal is certified and has stand the stringent demands against mis-use and vandalism.



BI300 self-service unit, adjustable in height, with unique lay-out design.

Traffic control equipment

such as barriers, traffic lights and detection loops as well as driver operating consoles, intercoms, camera's etc. Any desired brand can be supplied by PRECIA-MOLEN due to their partnerships with various suppliers.



SERVICE

A high quality On Call Service forms the basis of the PRECIA-MOLEN maintenance program, which will be offered against very favourable price / quality ratio's. However, when your situation requires more, we can offer you also tailor made service contracts. Together with you will be discussed, the detailed requirements in order to prepare a suitable offer. After clearance of all details the tailor made service contract will be prepared.



Complete program

- Installation
- Commissioning / Instruction
- Maintenance
- Calibration
- Helpdesk / software support
- Reparation
- Spare parts
- Revision and modification
- Training
- Advise



Please consult for more and specific details:

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**Together
we're strong!**

