

GSW

Means a 100% reliable operation throughout the whole period of the software being used!



Standard



GSW

Reliable software for weighing operations on truck and rail scales

SIMULTANEOUS HANDLING OF TRUCK AND RAIL SCALES

Simultaneous handling of 3 scales. Communication with scale meters is performed by means of RS 232/485 and TCP/IP

The GSW Standard program installed on one computer can handle three scale meters. For every weighing devices, it is possible to perform single weighing, double weighing (entry/exit weighing), multiple weighing, compound weighing (long vehicles are weighed by means of short scales), service-related weighing and taring. It is possible to handle truck weighbridge and rail weighbridge from the same computer workstation.



✔ Networking

The GSW programs can be joined together to form any number of workstations within the scope of the company's local network. Owing to a fast, modern and very effective SQL server, it is possible to carry out safe online operations and collect huge amounts of data. The Program can easily handle weighing operations in companies in which, on average, more than 100 000 weighing operations are carried out per year.



The screenshot shows the 'Weighing' software window. At the top, it says 'WEIGHING FOR' LBS Process Solutions, Oranienstraße 143, 10115 Berlin. Below this, there are two tabs: 'First weighing (Ctrl+1)' and 'Second weighing (Ctrl+2)'. The 'First weighing' tab is active. The interface includes fields for 'LICENSE PLATE NO.' (EN 875NE), 'SEMITRAILER NO.' (WW 5678A), 'TARE' (0 kg), and 'TYPE' (Goods Received Note). There are also fields for 'CUSTOMER' (ASK TECHNOLOGY), 'PRODUCT' (IRON AND STEEL), 'ORDER NUMBER' (RE-198/2015), and 'DRIVER'S NAME' (ALBERT WEST). A 'COMMENTS' field is also present. At the bottom, there is a large display showing '46100 kg' and 'WEIGH IN'. Below this, there are buttons for 'List of first weighings', 'List of weighings', 'Datasets', 'Report', and 'Print'. The interface also shows 'ENTRANCE', 'EXIT', and 'NET' (46100) fields.

TYPES OF WEIGHING OPERATIONS

The GSW software allows to perform weighing operations in many different modes



Single weighing

A vehicle / railcar is weighed just once. Tare weight value is uploaded from the database or is entered manually by an operator.



Double weighing

Net weight is calculated on the basis of differences between two weighing operations: on entering and on departing from premises. Double weighing is also known as entry /exit weighing.



Multiple weighing

Multiple weighing takes place when a vehicle or a railcar at the same time carries away or brings a few products that are supposed to be transported separately. Multiple weighing operations are often carried out when, e.g. mixtures are being prepared.



Taring

It is a single-time weighing of a vehicle, as a result of which certain weighed mass is saved in the GSW database as tare weight. Saved tare weights are used for single weighing operations.



Service-related weighing

It is a simplified mode of weighing. A weighing operation under this mode is not saved in the database – the only trace left is a ticket printout.



Weighing railcar drafts

The GSW program has a mechanism for weighing drafts of railcars. The user can manage drafts and print collective weighing tickets for the entire draft.



Weighing by items

During weighing it is possible to define an itemised number of products (e.g. 5 tyres). In order to perform a weighing operation, unit weight of a product must already be stipulated.



Compound weighing

This type of weighing is useful when it is necessary to weigh long vehicles / railcars on short scales. During weighing, the vehicle / railcar is moved, and the sum of particular weighing operations constitutes the vehicle weight.



Manual weighing

It is possible to weigh mass introduced „by hand“ (i.e. the mass that does not come from the scale meter). This function should be used solely in emergency situations (i.e. when it is necessary to introduce into the database weighing operations that were not performed, e.g. because of a failure of scales or of a computer operating the scales).



Weighing on pallet scales

The function allows to perform weighing operations using small scales (e.g. pallet scales), without a need to enter a plate number. The weighing operation shall be a single weighing operation. The function is frequently used in companies dealing with steel scrap.

REPORTS, TICKET EDITOR

The program ensures an advanced generator of reports and a graphical tool to modify the content of weighing tickets

Reports are a considerable advantage of the GSW program. The program is equipped with the report generator that allows to create any summaries of performed weighing operations.

Report templates

The GSW software contains a mechanism that allows to save report templates. Owing to that, the user does not have to define at any time the same searching criteria for weighing operations – all he/she has to do is to select a template from the list.

SUMMARY REPORT



DETAILED REPORT

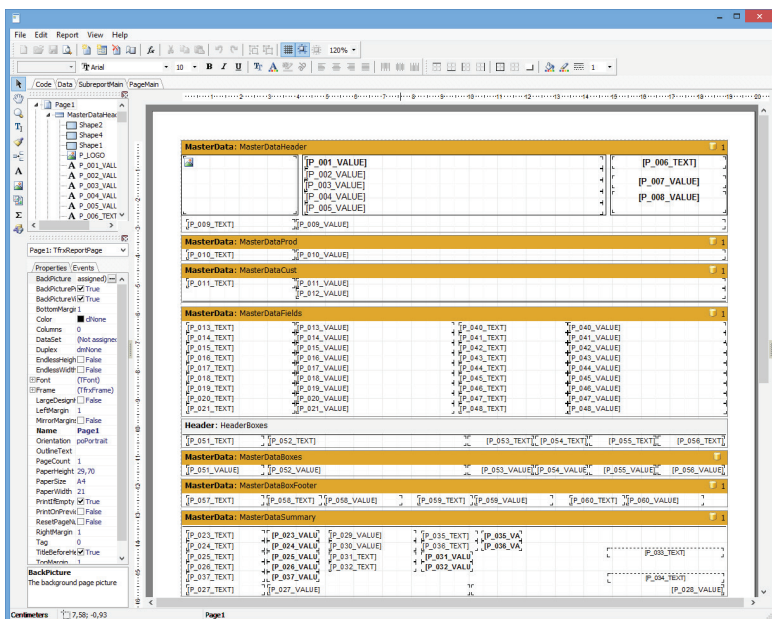


Ticket editor

The GSW software is equipped with a graphical editor that helps users to tailor the look of their weighing tickets to their own needs (e.g. headed paper).

Editor functions:

- changes to a location of all ticket elements
- possibility to delete any elements
- possibility to add additional text elements
- possibility to add graphics files in the following formats: bmp, jpg and png
- changes to the font size, typeset and colour for every element



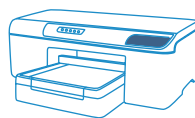
GRAPHICAL FORM

TEXT FORM

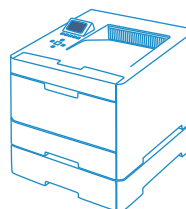


Printing of tickets

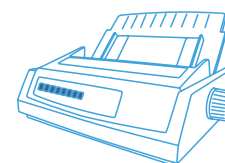
The GSW program allows to print weighing tickets in a graphical form (by means of laser and ink printers) and in a text form (by means of dot-matrix printers).



INK PRINTER



LASER PRINTER



DOT-MATRIX PRINTER

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