

I410 WMU (Weighing Management Unit) Weighbridge weighing



Legal for Trade use

Used on an I 410 terminal, it is compatible with Legal for Trade use weighing.

In this regard, WMU manages a DSD with 128,000 records.

I 410 range

The WMU software can be installed on all I 410 range terminals: tabletop version, panel-mounted or stainless steel whether they are AZERTY, QWERTY or DIGITAL.

Application

The WMU software ensures the management of any vehicle (road or railway) that requires weighing carried material.

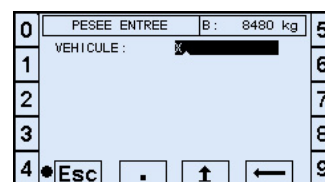
- ▼ WMU helps managing up to 3 weighbridges (2 physical weighbridge and 1 summation bridge) with different capacities/divisions that combine accuracy and maximum capacity.
- ▼ The design of the WMU software offers 4 simultaneous operating modes:
 - Weighing management in single-weigh (one passage) with tare entry or memorised tare recall.
 - Weighing management in dual-weigh (two passages).
 - Vehicle loading or unloading in gross weight or net weight.
 - Cumulated wagon weighing management.
- ▼ Installed on any I 410 terminal, the man/machine interface enables to easily tailor your weighing station according to your needs:
 - possible configuration of numerous files:
 - vehicle (tare and PTAC),
 - company (3 companies),
 - 4 files dedicated to your application (products, clients, recipients, suppliers, drivers, etc...) up to 400 references per file.
 - Complete ticket configuration.
 - Traffic light management for the regulation of vehicle inputs/outputs on the weighbridge (digital I/O module in option).
- ▼ The internal back-up of weighing results (up to 2500), the display of vehicle traffic (weighed in input but not in output) the cross totalling function and the backup/restoration of all settings files perfectly meet the traceability requirements of your site exploitation.



Standard screens



Home screen giving access to all the software functions (input weigh, output weigh, single-weigh, company selection, settings...).

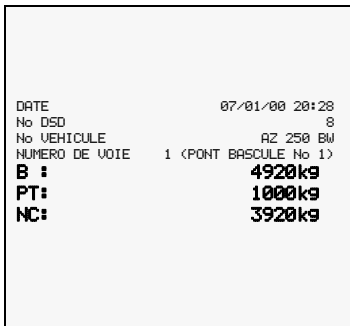


Input weigh screen in which you can enter the vehicle n° (the gross weight is displayed).

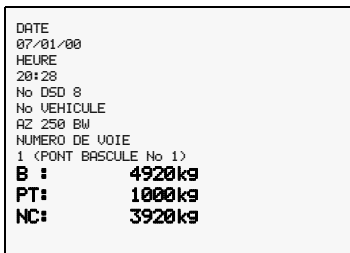


The transit file memorizes non weighed output vehicles. It can be easily looked up on the screen.

Examples of ticket



Standard single weigh ticket (default settings)



Configured single weigh ticket (example).
The titles and data can be positioned in X and Y on a pre-printed ticket or document. Only metrological data are fixed (labels and units that cannot be modified).

Possibility to print (if entered during weighing):

- references and labels of the 4 files,
- 2 extra fields (free entry).

Protocols

Usable in autonomous mode (with or without printer), the WMU software connects with the various company's networks:

- serial link (RS232, RS485),
- Ethernet.

The offered data transfer protocols in standard are:

- Protocol A+
- Modbus TCP IP

I 410 options and accessories

| | | | |
|--|--|---|--|
| <p>▼ Accessories</p>  <ul style="list-style-type: none"> • Measurement board • RS 232 link • RS 485 link • Digital inputs/outputs • Analogue output • 0-20mA • Data storage device DSD (128,000 records) | <p>▼ Printers</p>  <p>Flat tickets</p>  <p>Tickets</p>  <p>Thermal tickets</p>  <p>Listing</p> | <p>▼ Keyboards</p>    | <p>▼ Remote displays</p>  <p>ABC 57</p>  <p>ABC 100</p>  <p>d20</p> |
|--|--|---|--|

Weighbridge multiple use

The weighbridge can be shared between 3 different economical and social entities; each ticket shows the entity's company name.

All totals are done for each entity.

The recap file lists all weighs for all entities.

File characteristics

| | Capacity | Code | Label |
|---------|----------|---------------------|---------------------|
| File 1 | 400 | 4 c. num | 20 c. alphanumeric. |
| File 2 | 400 | | |
| File 3 | 400 | | |
| File 4 | 400 | | |
| Vehicle | 200 | 13 c. alphanumeric. | - |
| Wagon | 100/carr | | - |
| Transit | 100 | - | - |
| Recap | 2500 | - | - |

- From the recap file, editing of cross totals from date to date.
- File backup and restoration and setting on USB stick (CSV files).

Delivery

WMU is delivered installed within the I 410 terminal or on a USB stick.

Your specialist

Illustrations not contractual. Precia-Molen reserves the right to alter the characteristics of the equipment described in this brochure at any time.

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