

PC SOFTWARE

WEITRUCK

IN/OUT WEIGHING

WITH

COMPANIES/MATERIALS/VEHICLES

DATABASE



USER MANUAL

WEITRUCK_01_11.01_EN_U

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1 MAIN FUNCTIONS

Weitruck allows to manage the in/out weighing of a weighbridge, by displaying the scale status messages, the weighings done, the selected storages (customers, materials and vehicles), the net, gross, and tare weight; it is possible to connect any printer type in order to manage both the weighing information and the database reports.

Weitruck allows two functioning modes:

WEIGH MANAGED BY THE OPERATOR:

- Single weigh, with entry of the vehicle tare weight.
- INPUT/OUTPUT weigh, with recall of the input weigh through the vehicle plate or the weigh identifying code.
- Customer, material and vehicle selectable from database (over 5000 programmable storages) or with quick entry.
- Completely programmable printouts, with graphic preview of the created format; the software allows also to create printouts with logos, barcodes, database data and all the weigh data under way.

SELF SERVICE WEIGH:

This mode allows to use the weigh bridge without any operators, but through the use of the BADGE or CHIP CARDS, directly programmable through the Weitruck, which contain the customer, material, and vehicle data.

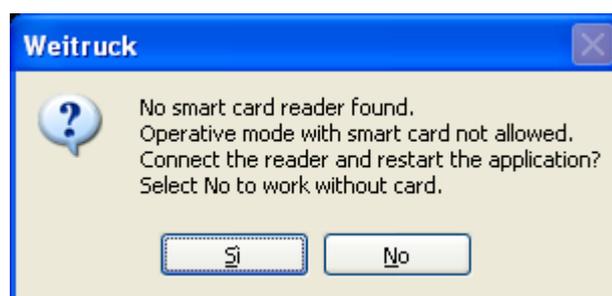
2 OPENING THE PROGRAM AND MAIN WINDOW

1) By opening the program, the following access window will appear:



2) Write the correct name and password (contact the dealer) and press Ok; press  to close the program or  to restart it.

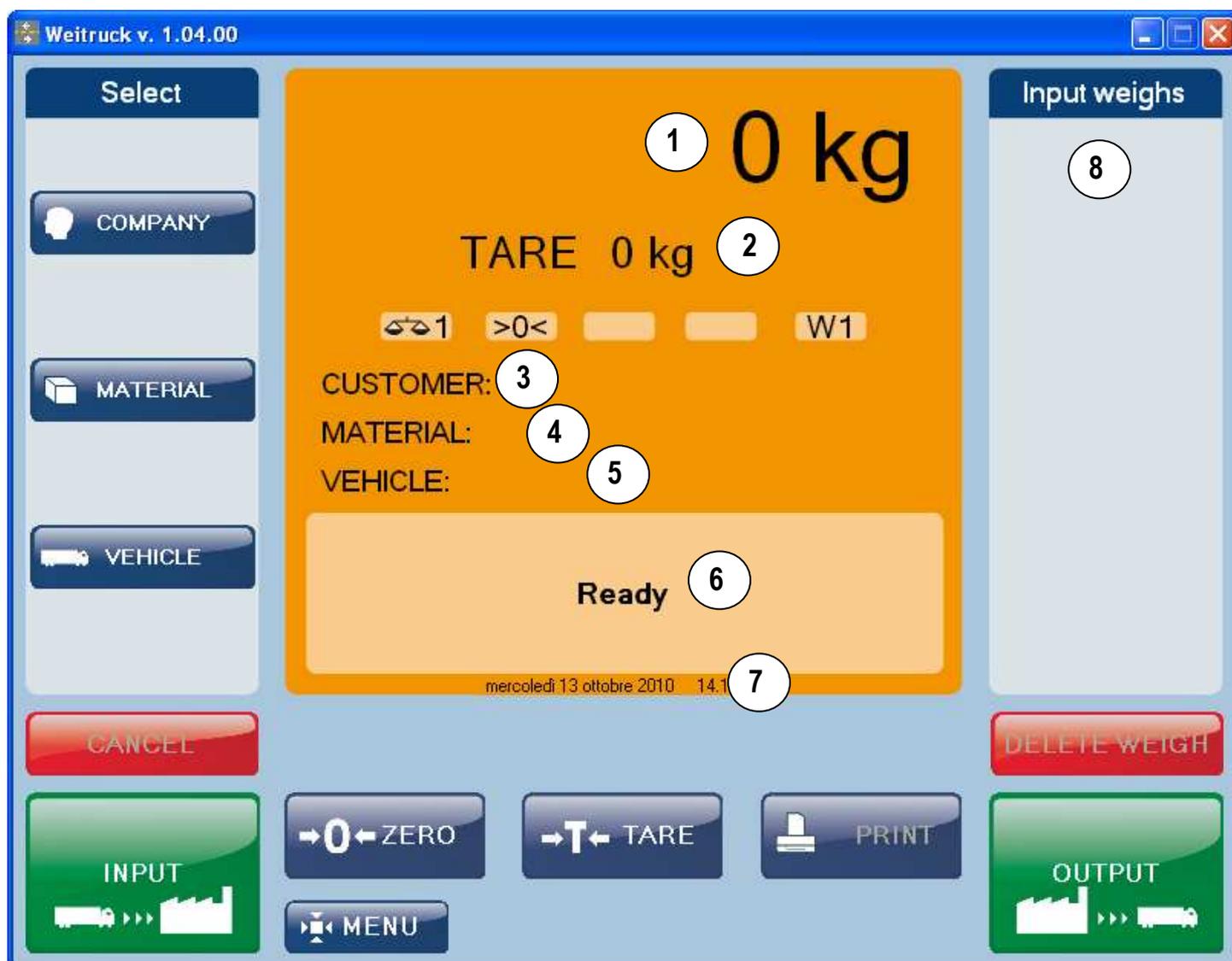
Note: if the **Operator with card/badge** or **Without operator with card/badge** functioning mode is selected, you may receive the following message:



This happens when the card/badge reader isn't correctly connected to the pc/touchscreen.
In this case:

- Connect the card/badge reader to the pc/touchscreen

Press the **Yes** button to restart the application, **No** to continue without using the reader (will then set the **With operator** functioning mode (see "application configuration" manual))



- 1 → Weight on the scale.
- 2 → Tare ("PT" if preset).
- 3 → Customer/Supplier name, if selected.
- 4 → Material name, if selected.
- 5 → Vehicle name, if selected.
- 6 → Informative messages to the user.
- 7 → Date/time set in the PC.
- 8 → List of open weighings in input.

3 FUNCTIONING INDICATORS

SYMBOL	FUNCTION
 1,2,3,4	It shows the scale in use.
>0<	Indicates that the weight detected is near zero, so within the interval of $1/4$ $\pm 1/4$ of the scale division.
~	Indicates that the weight is unstable.
NET	Indicates that the weight shown is a NET WEIGHT.
W1	Indicates the shown range.

4 KEY TABLE

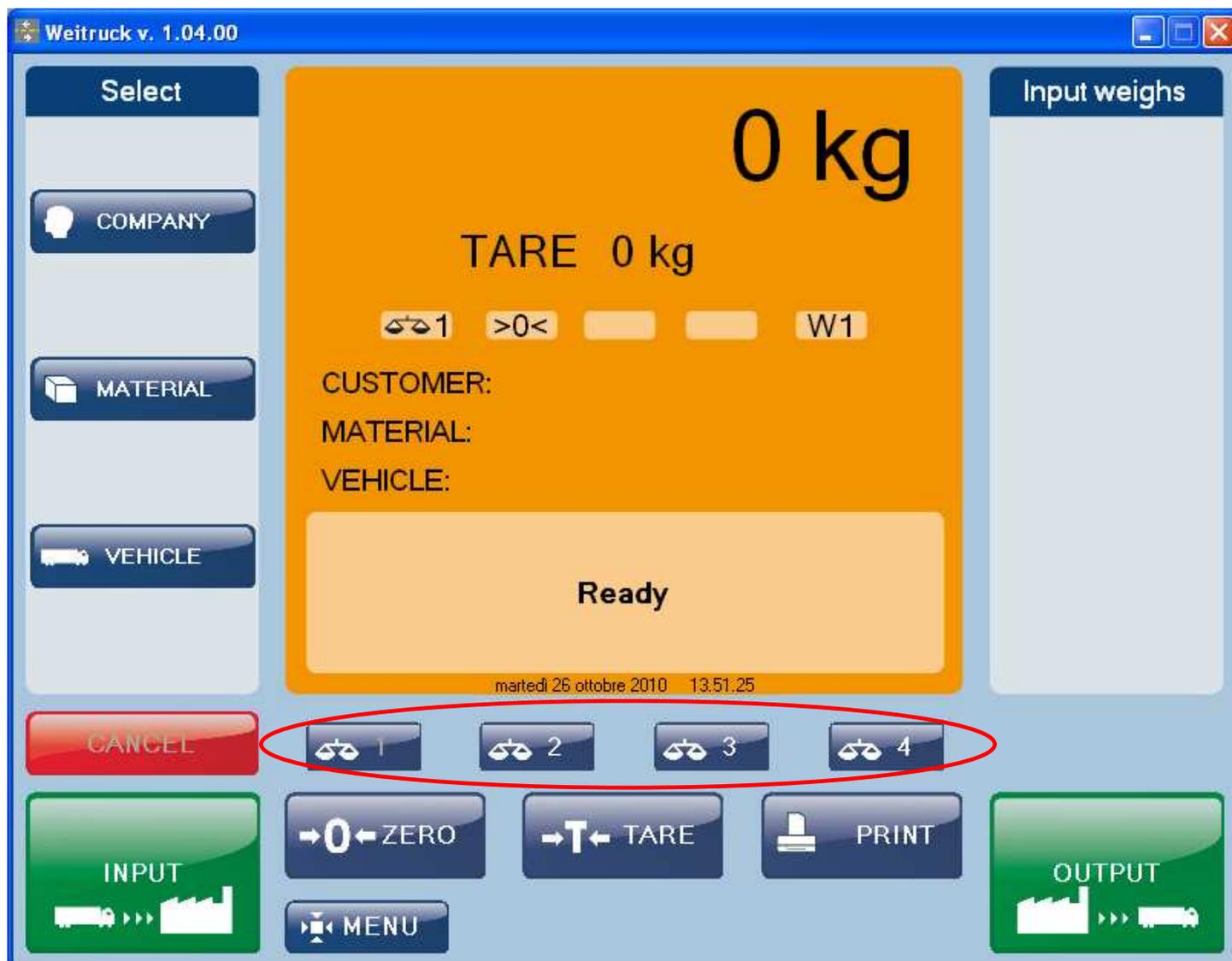
KEY	FUNCTION
ZERO	Executes the scale zero.
TARE	Executes the tare.
PRINT	Executes a simple printout without doing the input weighing.
MENU	Allows the access to the configuration menu.
COMPANY	Allows the selection/deselection of the customer/supplier from the database.
MATERIAL	Allows the selection/deselection of the material from the database.
VEHICLE	Allows the selection/deselection of the vehicle from the database.
CANCEL	Deletes the customer, the material and the vehicle at the same time.
DELETE WEIGH	Deletes the weighing selected from the list.
INPUT	Executes the input weighing.
OUTPUT	Executes the output weighing.

5 SCALE ZERO

- 1) Press the “→0← ZERO” key.
- 2) The weight on the scale will be zeroed, if within the $\pm 2\%$ of the capacity.

6 CHANGE THE SCALE IN USE

To change the scale in use, click on the scale icon (**CHANGE SCALE** is displayed):



If there is a problem in the communication with the scale, the message **CHANGE SCALE FAILED** is displayed.

7 SEMIAUTOMATIC AND PRESET TARE

7.1 ENTRY

- 1) Press the “→T← TARE” key.
- 2) The following window will appear:



- 3) Press the “→T←” key to do a **semiautomatic tare**.
- 4) Enter the tare value and press “Enter” to do a **preset tare**.

7.2 CANCELLATION

- 1) Press the “→T← TARE” key.
- 2) The following window will appear:



- 3) Press “Enter”.

8 COMPANIES

8.1 DATABASE MANAGEMENT

Select **MENU >> ARCHIVES >> COMPANIES** from the main window, the following one will appear:

Weitruck

Companies Management

	Code	Name	Address	City	Num. in	Num. out	Tot. in	Tot. out	In - out
▶	CUS1	customer1			0	0	0 kg	0 kg	0 kg
	CUS2	supplier1			0	0	0 kg	0 kg	0 kg

Customers
 Suppliers

8.1.1 ENTRY

1) Press **"Insert"**, the following window will appear:

Weitruck

Company

Customer/supplier vehicles

Name:
 Address:
 City:
 Unit: Decimals:
 Customer Supplier

PLATE1
 PLATE2

Customer/supplier materials

MATERIAL1
 MATERIAL2

Vehicles:

Materials:

- 2) Fill the desired fields (max 50 alphanumeric characters); the “Code” field is automatically written.
- Note:** it’s possible that the code is not written automatically (see configuration manual)
- 3) Through “Unit” and “Decimals” it’s possible to set the unit of measure and the decimals of the weighing totals.
 - 4) It is possible to link the vehicles and the materials from the database by using the arrow keys “◀” and “▶”; click on “New Vehicle” and “New Material” to enter/link new items not present in the database.
 - 5) It’s also possible to select if it’s a Customer or Supplier by selecting “Customer” or “Supplier”
 - 6) Confirm with “Ok”.

8.1.2 MODIFICATION

- 1) Select the desired customer from the “Customer Management” window.
- 2) Press the “**Modify**” key.
- 3) The same window of the point 1) of paragraph 8.1.1 “ENTRY” will appear.

8.1.3 CANCELLATION

- 1) Select the desired customer from the “Customer Management” window.
- 2) Press the “**Cancel**” key.
- 3) Press “**Yes**” in the next window or press “**No**” to annul the operation.

8.1.4 PRINTING

- 1) Select the desired customer from the “Customer Management” window.
- 2) Press the “**Print**” key.
- 3) The relative total will be printed out.
- 4) By pressing “**Print All**”, all the totals will be printed out, one following the other.

8.2 SELECTION / DESELECTION FROM DATABASE

- 1) Select **COMPANY >> SELECT** from the main window, the following one will appear:

Code	Name	Address	City	Num. in	Num. out	Tot. in	Tot. out	In - out
CUS1	customer1			0	0	0 kg	0 kg	0 kg
CUS2	supplier 1			0	0	0 kg	0 kg	0 kg

Customers
 Suppliers

Ok Cancel

Note: If the database is empty, the message “**There are no companies**” will be displayed.

2) Click on the desired customer/supplier and press “**Ok**”; if the customer/supplier has been linked to one or more materials, the window of the material selection will appear. Press “Cancel” to annul the operation.

3) By selecting **COMPANY >> CANCEL** , the customer/supplier will be deselected:

Note: It's possible to filter the fields by customers and suppliers (flagging customers/suppliers)

8.3 QUICK ENTRY WITHOUT DATABASE

This mode is useful to use a new company without entering it in the database:

1) Select **COMPANY >> INSERT** from the main window, the following one will appear:



The screenshot shows a dialog box titled "Weitruck" with a blue header. Below the header is a sub-header "Customer/supplier name" in a blue bar. Underneath is a white text input field. Below the input field are two radio buttons: "Customer" (which is selected) and "Supplier". At the bottom of the dialog are two buttons: "Ok" and "Cancel".

2) Select if it's a Customer or Supplier, type the name and press “**Ok**”.

3) The new customer/supplier will appear in the main window.

9 MATERIALS

9.1 DATABASE MANAGEMENT

Select **MENU >> ARCHIVES >> MATERIALS** from the main window, the following one will appear:

Code	Description	Num. in	Num. out	Tot. in	Tot. out	In - out
MAT1	MATERIAL1	0	0	0 kg	0 kg	0 kg
MAT2	MATERIAL2	0	0	0 kg	0 kg	0 kg

9.1.1 ENTRY

1) Press "Insert", the following window will appear:

- 2) Fill the desired fields (max 50 alphanumeric characters).
- 3) Through "Unit" and "Decimals" it's possible to set the unit of measure and the decimals of the weighing totals.
- 4) Confirm with "Ok".

9.1.2 MODIFICATION

- 1) Select the desired material from the "Material Management" window.
- 2) Press the "Modify" key.
- 3) The same window of the point 1) of paragraph 9.1.1 "ENTRY" will appear.

9.1.3 CANCELLATION

- 1) Select the desired material from the "Material Management" window.
- 2) Press the "Cancel" key.
- 3) Press "Yes" in the next window or press "No" to cancel the operation.

9.1.4 PRINTING

- 1) Select the desired material from the "Material Management" window.
- 2) Press the "Print" key.
- 3) The relative total will be printed out.
- 4) By pressing on "Print All", all the totals will be printed out, one following the other.

9.2 SELECTION / DESELECTION FROM DATABASE

- 1) Select **MATERIAL >> SELECT** from the main window, the following one will appear:

Code	Description	Num. in	Num. out	Tot. in	Tot. out	In - out
MAT1	MATERIAL1	0	0	0 kg	0 kg	0 kg
MAT2	MATERIAL2	0	0	0 kg	0 kg	0 kg

Note: If the database is empty, the message "There are no materials" will be displayed.

- 2) Click on the desired material and press **“Ok”**; press **“Cancel”** to annul the operation.
- 3) By selecting **MATERIAL >> CANEL**, the material will be deselected:

9.3 QUICK ENTRY WITHOUT DATABASE

This mode is useful to use a new material without entering it in the database:

- 1) Select **MATERIAL >> INSERT** from the main window, the following one will appear:

- 2) Fill the field and press **“OK”**.
- 3) The new material will appear in the main window.

10 VEHICLES

10.1 DATABASE MANAGEMENT

Select **MENU >> ARCHIVES >> VEHICLES** from the main window, the following one will appear:

	Code	Plate	Description	Tare	Num. in	Num. out	Tot. in	Tot. out	In - out
▶	VEH1	PLATE1		0 kg	0	0	0 kg	0 kg	0 kg
	VEH2	PLATE2		0 kg	0	0	0 kg	0 kg	0 kg

10.1.1 ENTRY

1) Press “**Insert**”, the following window will appear:

- 2) Fill the desired fields (max 50 alphanumeric characters); the “Code” field is automatically written.
- 3) The tare allows to enter the vehicle weight in order to carry out a single weighing.
- 4) Through “Unit” and “Decimals” it’s possible to set the unit of measure and the decimals of the weighing totals.
- 5) It is possible to link a customer/supplier from the database by selecting the desired storage.
- 6) Confirm with “**Ok**”.

10.1.2 MODIFICATION

- 1) Select the desired customer from the “Vehicle Management” window.
- 2) Press the “**Modify**” key.
- 3) The same window of the point 1) of paragraph 10.1.1 “ENTRY” will appear.

10.1.3 CANCELLATION

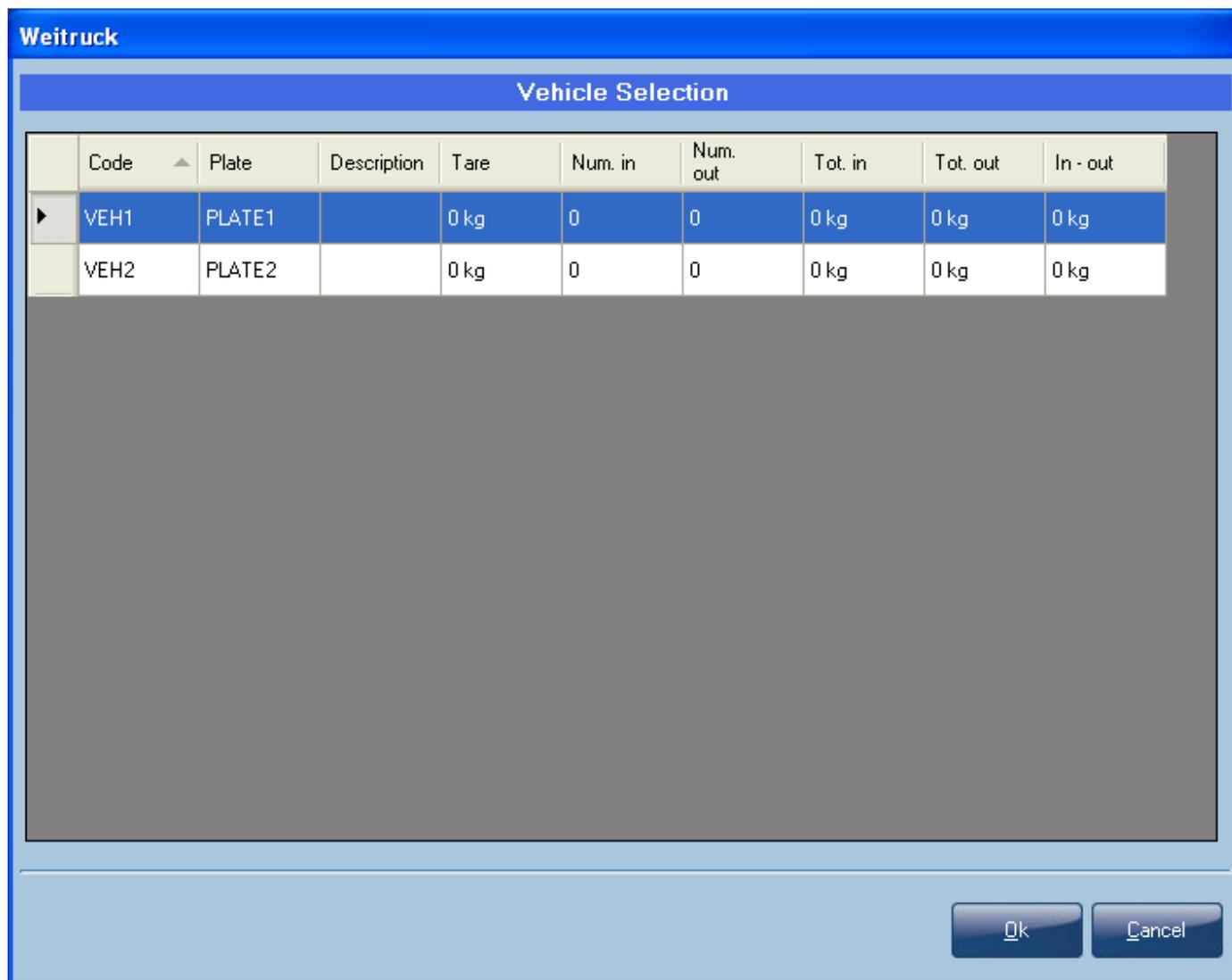
- 1) Select the desired customer from the “Vehicle Management” window.
- 2) Press the “**Cancel**” key.
- 3) Press “**Yes**” in the next window or press “**No**” to annul the operation.

10.1.4 PRINTING

- 1) Select the desired customer from the “Vehicle Management” window.
- 2) Press the “**Print**” key.
- 3) The relative total will be printed out.
- 4) By pressing on “**Print All**”, all the totals will be printed out, one following the other.

10.2 SELECTION / DESELECTION FROM DATABASE

1) Select **VEHICLE >> SELECT** from the main window, the following one will appear:



Note: If the database is empty, the message “**There are no selectable vehicles**” will be displayed.

- 2) Click on the desired vehicle and press “**Ok**”; if the vehicle has been linked to a client, it will be automatically selected. Press “**Cancel**” to annul the operation.
- 3) By selecting **VEHICLE >> CANCEL**, the vehicle will be deselected.

10.3 QUICK ENTRY WITHOUT DATABASE

This mode is useful to use a new vehicle without entering it in the database:

1) Select **VEHICLE >> INSERT** from the main window, the following one will appear:



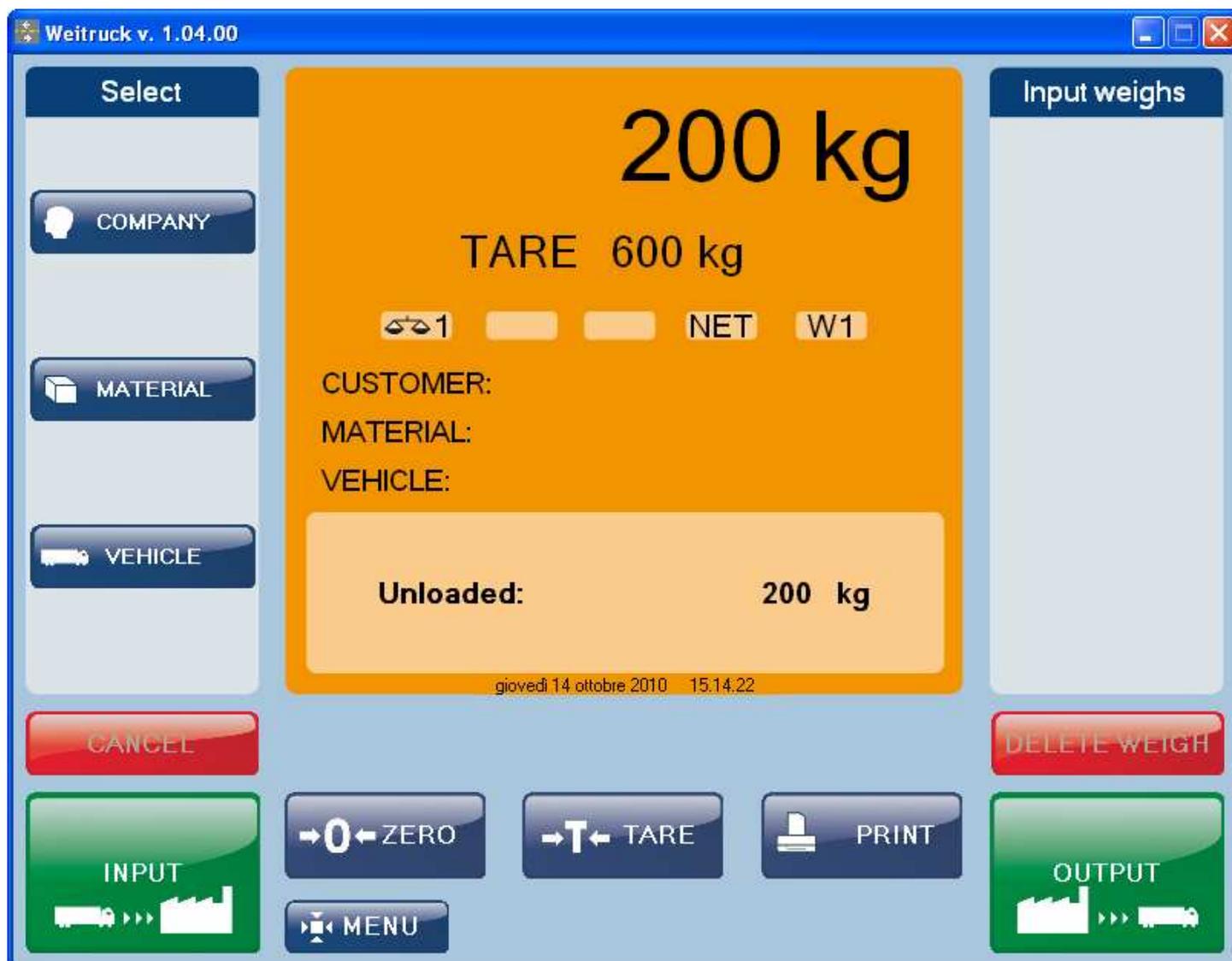
- 2) Fill the field and press “**Ok**”.
- 3) The new vehicle will appear in the main window.

11 SINGLE WEIGHING WITH VEHICLE TARE

- 1) Select, if required, the customer/supplier, the material and the vehicle.
- 2) Make sure that the tare has been entered.
- 3) Make sure that the scale is loaded.
- 4) Click on the "INPUT" or "OUTPUT" key (the difference is just on the weigh direction).
- 5) The printout will be automatically carried out and the weight difference will be shown ("UNLOADED" if it's an input weighing, "LOADED" if it's an output weighing).

Note: if the tare value is null and one try to make an OUTPUT weighing, the message "No tare present" will be displayed

For example:



12 INPUT WEIGHING

- 1) Select, if required, the customer/supplier, the material and the vehicle (this one is necessary if the output weighing is done through the plate).
- 2) Make sure the scale is unloaded. Then, load the scale.

Notes:

- If the weight is not passed from zero, the message **“Unload the platform”** will be displayed.
- If the weight doesn't become unstable before load the scale, the message **“Weight not passed from instability”** will be displayed.

These messages depends from the **“Reactivation”** parameter (see the **“APPLICATION CONFIGURATION”** manual)

- 3) Click on the **“INPUT”** key.
- 4) The printout will be automatically carried out and the weight difference will be shown.
- 5) The weighing will appear in the **“Input Weighs”** list on the right side of the window (the plate or the ID number of the weigh, dependently on the functioning mode)
- 6) Unload the platform

The message **“Vehicle already present in input weighs”** or **“Weigh code X already present”** will be displayed if one wants to carry out an input weigh when the same vehicle is still in the input weighs

For example:



12.1 INPUT WEIGHING CANCELLATION

- 1) Click on the weigh in the **“Input Weighs”** list on the right side of the window.
- 2) Click on **“DELETE WEIGH”**.
- 3) Press **“Yes”** in the next window or press **“No”** to annul the operation.

13 OUTPUT WEIGHING

- 1) Click on the weigh in the "Input Weighs" list on the right side of the window.
- 2) Make sure that the scale is loaded.
- 3) Click on the "OUTPUT" key.
- 4) The printout will be automatically carried out and the input weight, the output weight and the weight difference will be shown.

For example:



14 FUNCTIONING MODE WITH THE BADGE/CHIP CARD

INPUT/SINGLE weighing:

- Make sure that one has passed from the enabling condition before executing the new weigh.
- Swipe the badge/insert the chip card: the linked data will be selected.
- Carry out the INPUT weigh (see the relative paragraphs).
- Then, the message **Remove card** will be displayed (with chip card functioning mode).

OUTPUT weighing:

- Make sure that one has passed from the enabling condition before executing the new weigh.
- Swipe the badge/insert the chip card: the input weigh will be automatically selected.
- Carry out the OUTPUT weigh (see the relative paragraphs).
- Then, the message **Remove card** will be displayed (with chip card functioning mode).

15 SIMPLE PRINTOUT OF THE WEIGHT

It is possible to print the weight on the scale without doing an input weighing:

- 1) Make sure that the scale is loaded.
- 2) Click on the "PRINT" key.
- 3) The printout of the gross, tare and net weight will be carried out.

16 PRINTOUT CANCELLATION / REPETITION

- Select **MENU >> PRINT >> CANCEL PRINTINGS** from the main window, **in order to cancel** the printouts in queue (**Cancelling printings** is displayed).
- Select **MENU >> PRINT >> REPEAT LAST PRINT** from the main window **in order to repeat** the last printout carried out.

17 OPEN WEIGHING MANAGEMENT

- Select **MENU >> WEIGHS >> OPEN** from the main window to see the open weigh window.

For example:

Plate	Company	Material	Input weight	Date and time	Alibi memory ID
PLATE1	customer1	MATERIAL1	2000 kg	14/10/2010 15.21	XXXXXXXXXX

Plate: Company: Material:

Customers Suppliers

From: To:

- Press "Delete" to delete the selected weighing; to select more weighings keep pressed CTRL and click one of the desired ones, or press **Select All**.
- Press "Print" to print the report of the selected weighing.
- It is possible to filter the weighings through the plate, the company (and also through customers and suppliers), the material and even through the date (fields "From" "To"): select the desired fields and click on "Apply Filter".

The screenshot shows the main application window with the following elements:

- Buttons:** Delete, Print, Select all, Exit, Apply filter.
- Filters:**
 - Plate: PLATE1
 - Company: customer1
 - Material: MATERIAL1
 - Customers:
 - Suppliers:
- Date Selection:**
 - From: giovedì 14 ottobre 2010
 - To:
 - Calendar: A calendar for October 2010 with the 14th highlighted in red. Below the calendar, it says "Oggi: 14/10/2010".

18 CLOSE WEIGHING MANAGEMENT

- Select **MENU >> WEIGHS >> CLOSE** from the main window to see the close weigh window.

For example:

The screenshot shows the "Closed weighs management" window with the following elements:

- Table:**

	Plate	Company	Material	Input weight	Date and time	Alibi memory ID	Output weight	Date a
▶	PLATE1	customer1	MATERIAL1	1000 kg	14/10/2010 16.15	XXXXXXXXXXXX	3500 kg	14/10.
	PLATE1	customer1	MATERIAL1	500 kg	14/10/2010 16.15	XXXXXXXXXXXX	4000 kg	14/10.
- Buttons:** Delete, Reopen, Print, Export, Select all, Exit, Apply filter.
- Filters:**
 - Plate: All
 - Company: All
 - Material: All
 - Customers:
 - Suppliers:
 - Inputs:
 - Only weighs:
 - Outputs:
 - Double weighs:
 - From:
 - To:

- Press **"Delete"** to delete the selected weighing; to select more weighings keep pressed CTRL and click one the desired ones, or press **Select All**
- Press **"Reopen"** to reopen the selected weighing: in this way it will appear again in the "Input Weighs" list in the main window.
- Press **"Print"** to print the report of the selected weighing.
- It is possible to filter the weighings through the plate, the company (and even through customers and suppliers), the material and even through the date (fields **"From"** **"To"**): select the desired fields and click on **"Apply Filter"**.

The screenshot shows the Weitruck software interface with the following elements:

- Buttons:** Delete, Reopen, Print, Export, Select all, Apply filter, Exit.
- Filters:**
 - Plate: All
 - Company: All
 - Material: All
 - Customers:
 - Suppliers:
 - Inputs:
 - Only weighs:
 - Outputs:
 - Double weighs:
- Date Selection:**
 - From: giovedì 14 ottobre 2010
 - To:
 - Calendar: Shows October 2010 with the 14th highlighted.
 - Oggi: 14/10/2010

Note: it's possible to export all closed weighs in the database by using the **Export** key (in .csv or .xls format)

19 MANAGEMENT OF THE TOTALS

The weighing totals will be increased at each weighing: the program already foresees three generic levels called "Partial Total", "General Total" and "Grand Total", printable and erasable independently.

– Select **MENU >> TOTALS** from the main window:

The screenshot shows the Weitruck software interface with the 'Totals' window open. The window title is 'Weitruck' and the content is titled 'Totals'. The table below shows the current totals:

Number	Name	Num. in	Num. out	Tot. in	Tot. out
1	PARTIAL TOTAL	45	30	80190 kg	9320 kg
2	GENERAL TOTAL	60	37	119070 kg	16290 kg
3	GRAND TOTAL	73	37	119075 kg	16290 kg

At the bottom of the window, there are several buttons: Insert, Delete, Modify, Print, Print all, Clear, and Exit.

– Press **"Insert"** to add a new total level:

Fill the fields and confirm with “Ok”.

- Press “**Delete**” to delete the selected total (it’s not allowed to delete the default ones).
- Press “**Modify**” to modify the selected total.
- Press “**Print**” to print the selected total.
- Press “**Print All**” to print them all, one following the other.
- Press “**Clear**” to erase the selected total.

20 CONFIGURABLE TEXT MANAGEMENT

It’s possible to enter texts to be used as further information of the weighing, for example the operator name, the lot code, etc...It is also possible to print them through specific commands.

- Select **MENU >> TEXTS** from the main window:

Number	Head	Value
1	OPERATOR	MARCO
2	LOT CODE	1234564789

- Press **“Insert”** to add a new text:

The screenshot shows a dialog box titled "Weitruck" with a sub-header "Text". It contains three input fields: "Number" with the value "1", "Head" with the value "OPERATOR", and "Value" with the value "MARCO". At the bottom right, there are two buttons: "Ok" and "Cancel".

Fill the fields and confirm with **“Ok”**.

- Press **“Delete”** to delete the selected text.
- Press **“Modify”** to modify the selected text.

21 EXITING THE PROGRAM

- 1) Press the **X** on top right of the main window, or select **MENU >> EXIT**, the following window will appear:

The screenshot shows a dialog box titled "Weitruck" with a sub-header "Weitruck Login". On the left side, there is a navigation icon with left and right arrows. The "User name:" field contains the text "user" and the "Password:" field is empty. At the bottom, there are three buttons: a red stop button, a green refresh button, and an "Ok" button.

- 2) Press  then press **“Yes”** in the next window.

22 MESSAGES

MESSAGE	DESCRIPTION
Alibi memory error	Error in the printing of the alibi memory ID. Check the alibi memory of the indicator
Badge not registered	Badge not registered in the database
Cancelling weigh	Timeout in the weighing with badge
Go on the platform	Go on the platform for the weighing (with badge or chip card functioning mode)
Inactive Communication	Serial opening error
Insert the card	Insert the card to start the weighing
Invalid weight	Scale in overload or underload
No vehicle selected	It is displayed when the TARE is disabled and one try to make an input weighing.
No vehicle selected and tare null	- Single weighing in INPUT: the tare value is null - INPUT weighing: no vehicle selected
Print error	Error in the printing with indirect mode. See the "PRINTOUT CONFIGURATION" manual
Scale Disconnected	Communication problem with the scale. Check the connection.
Scale not enabled	Check the parameters of the scale connected to the Weitruck. See the "APPLICATION CONFIGURATION" manual
Weight less than tare	The TARE value is greater of GROSS weight
Weight less than the minimum value	Weight less or equal to zero