

DPS-Promatic srl



BWS-XB instructions manual v 2.2

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Important notes to be read well !

Maintenance: the manufacturer shall not be held liable for any problem in case customer doesn't follow the recommendations of this manual and if maintenance or repairing is not carried on by authorized persons only.

Operating Temperature: This machine has been designed to work in the temperature range 10 to 35 degrees celsius. Nominal accuracy is reached after 10 minutes from power on.

Switch-on and Switch-off

- 1- This machine should not be switched off between measurements
- 2- This machine should be switched off during non-business hours

Cash box



1- Empty the cash box on regular basis and position it well inside the machine to avoid that falling coins may damage the circuitry.

2- Do not transport or ship the machine with the cash box inside it.

Keys

Keys supplied with this scale are the same for any machine we make. For an enhanced safety, we recommend that you change the locks.

Description of symbols that may be on the machine

| | |
|---|--|
|  | This sign indicates dangerous voltages |
|  | This sign indicates a point of special care or maintenance. Look in this manual for further explanation of each of such points |

How to contact us for technical service

In case of doubts, before attempting any maintenance or service, please contact us at dps1@dps-promatic.com or fax to +39-0543-796725

Remember to inform us about the model of this machine: **BWS-XB** and its serial number.

All information supplied herein are given in good faith and we try our best to provide a better product and a better service. If you have any suggestion that can serve to improve our product or our service, please do not hesitate to contact us.

Please read before using

SAFETY

- 1- This machine uses dangerous voltages
- 2- This machine must be connected to a properly grounded outlet made according to safety regulations.
- 3- Always disconnect the power plug before checking fuses

POSITION OF THE MACHINE

This machine must be located in a safe place, not to become a danger for users and for passing people

DOUBLE CHECK BEFORE TAKING DRUGS

This is an automatic machine and therefore, before taking drugs, weight measurement should be carried on again by a physician

DO NOT USE THIS MACHINE IN A HUMID ENVIRONMENT

This machine should not be used in a humid environment.
Do not pour water on it and do not use it in presence of water on it or around it.

PROTECTION AGAINST FLAMMABLE GAS: This machine should not be used in areas where flammable gases are used.

ORIGINAL SPARE PARTS, FUSES

To make sure that this machine keeps working well and safely, always replace parts with original ones. If you lose the power cable, request us a new one. If you change fuses, always replace them with the same type.

PROTECTION AGAINST SLIDING AND MOVEMENT

Make sure the machine is properly leveled and in case floor make it slide easily, put the 2 round rubber feet covers (supplied) below the 2 back feet.

REAL TIME CLOCK ACCURACY

The real time clock chip used in this machine is of standard computer grade and can be wrong even of 5 minutes per months.
Please reset it when necessary, because it is not a defect of the machine.

TECHNICAL SERVICE

Any service on this machine must be carried on only as agreed with the manufacturer, by specialized people and in accordance to what is recommended in this manual.

INSTALLING THE MACHINE

Unpacking


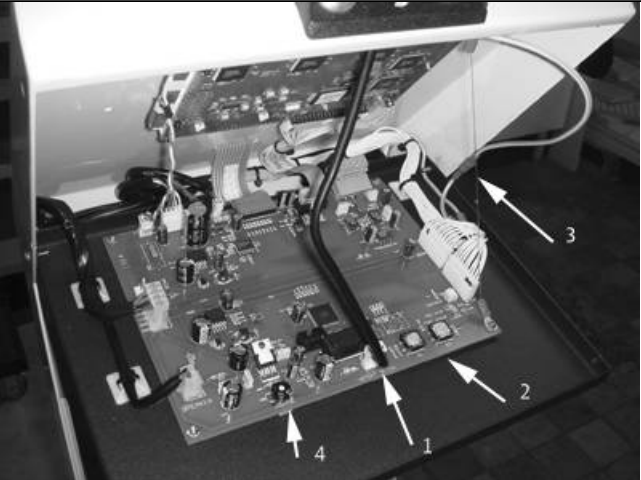
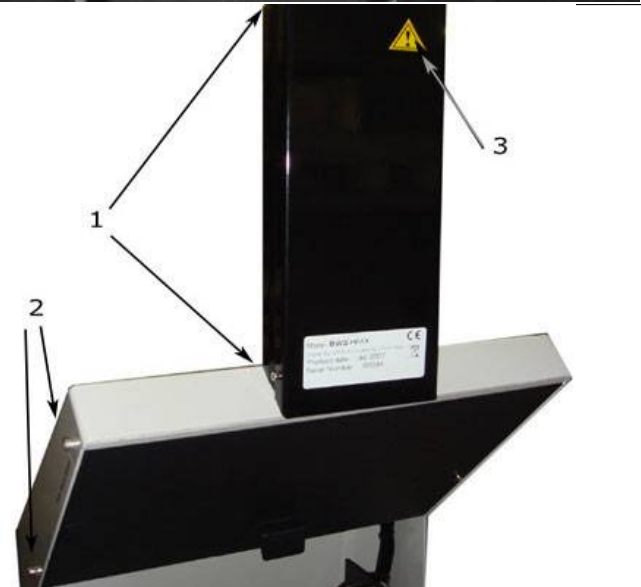
- Remove the machine from its packing
- Check that no parts have been damaged during transportation. Inform us within 8 days if this has happened.
- In the packing you should find the machine, this manual, a power cable 2 feet covers, 1 paper roll, the keys, 1 tool to open the head and 1 tool to install the height meter.
- Read this manual carefully before attempting anything.
- Do not try to open the machine without having read this manual.
- Keep the original packing in case you have to ship the machine back.

Preparation

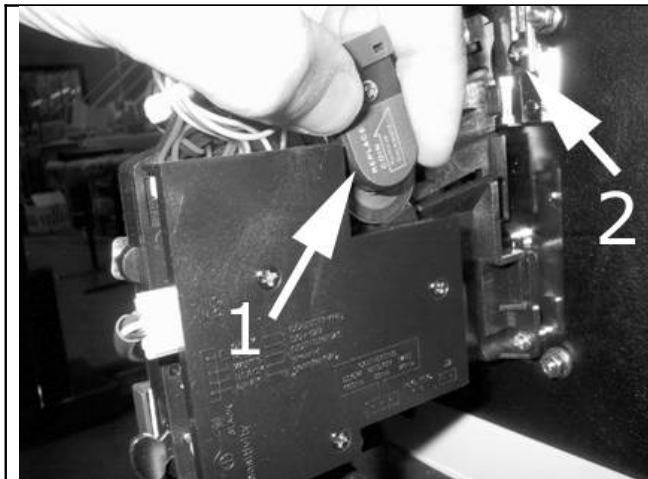
Setting up this machine requires the following steps:

- 1- placing the machine in a suitable location, dry and not subject to rain or water
- 2- adjusting the 4 feet to make sure it is stable, putting the 2 rubber covers below the back feet, if the floor is slippery
- 3- mounting the height meter
- 4- applying power

Mounting the height meter

| | |
|---|--|
|  | <p>Install the height meter using the screws and tools supplied.</p> |
|  | <p>With the scale switched off, connect cable 1.</p> <p>Connect also the Earth wire (2)</p> |
|  | <p>Close the head with the 2 screws (2) that you had removed earlier.</p> <p>NOTE: the yellow label with exclamation mark covers the trimmer for the height adjustment</p> |

Coin acceptor



If you have a machine with a comparator acceptor, you will need to install a coin to be able to use.

This coin (1) will be used as a comparison by the machine acceptor.

To do so, lift up the guide 1 and insert the coin.

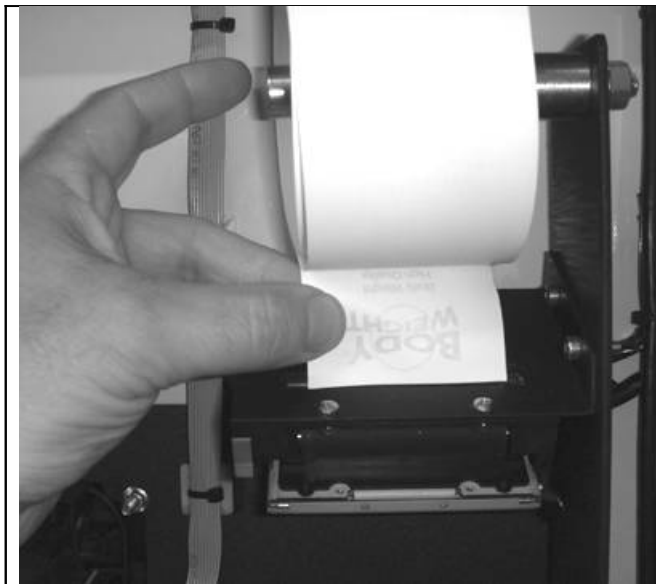
In case the coin has a big diameter, you may need to adjust the entrance fence with screw 2.

Mounting paper automatically



If printer has no paper it will stop and show the PAPER END message.

At this point you need to insert the paper.



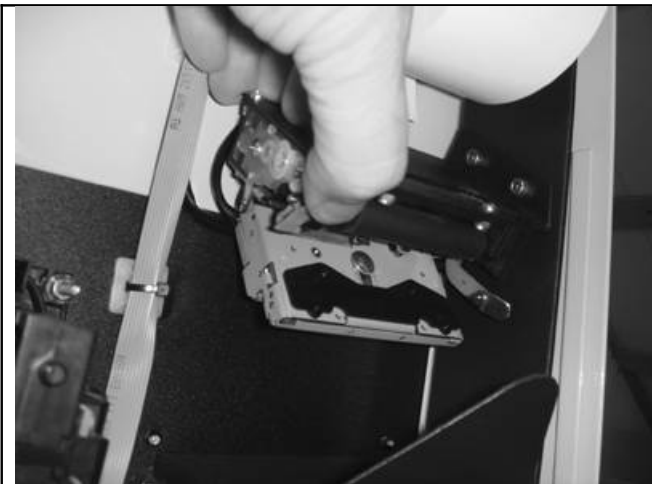
You can load the paper automatically, simply presenting it to the printer, when the LCD shows the PAPER END message.

The paper must have the Body Weight printout facing you.

Mounting paper manually



It is also possible to mount the paper manually.
To do so, open the cutter as shown in the picture.



Open the printer head as shown in the picture, pushing up the green lever.



Insert the paper and feed it through the printer and the cutter.
Then close the head and the cutter.

NEVER touch the cutter blade!

Powering up

Connect the power cable and then connect it to the voltage as shown in the machine label.

Put the power switch in the 1 position.

How to use the Scale

1- Remove any weight from the platform and switch it to 1.

2- If there is paper, the display will start up with the normal attract menu. Otherwise it will show that the printer has no paper.

3- To use the machine it is enough to insert the coin and stand still on platform.

4- BWS-XB will measure height and weight and print a ticket with the measured values.

Programming menu



To enter programming menu, press 369 after switching on the machine, before it has shown 3 dots in the screen.

The programming menu allows you to :

- 1- set time and date
- 2- print counters
- 3- Change vend price (including decimals)
Remember that if you scale has a comparator acceptor, it is on channel 2.
- 4- Change ticket header
- 5- Enable/Disable attract music
- 6- Enable BMI, Horoscope or biorhythm

In the newest version it is also possible to switch on and off the scale automatically at programmable hours. Enter the Option menu for more details.

If you enable the horoscope and the biorhythm you have a choice to print 1 or 2 tickets, because 1 ticket is quite long. Anyway keep in mind that people will sometimes leave the second ticket in the scale and this will create troubles.

Ticket header

You can program 4 lines of text that will appear at the top of the ticket.



Once you enter this option you can see the text that is in memory.

If you press '*' the current text will be erased

You can program maximum 4 lines of 28 characters.

The keyboard works in a way similar to text message editing in mobile phones.

-You can correct mistakes with BS

-You can move forward to a new line with LF

- You can autocenter the line with CENTER

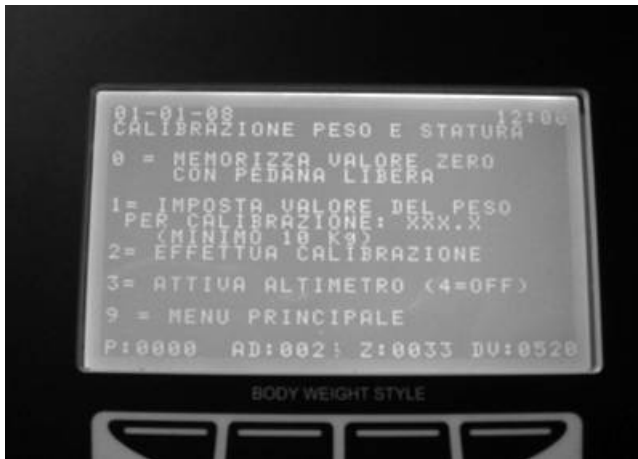
You must program 4 lines.

If you need less, press LF until the 4th line.

Press EXIT to return to the main menu.

Height and Weight Setup

You can change the weighing system and adjust weight with the provided technical menu.



To do so, while in the 369 menu, press 999.

You will enter Technical menu.

Follow options and instructions that allow you to calibrate the scale and the height meter.

To calibrate the scale you need a reference weight, from 10 to 99 Kg maximum. The best is 80Kg, but even 20Kg will work reasonably well.

To calibrate the height meter you can use anything that has a known height.

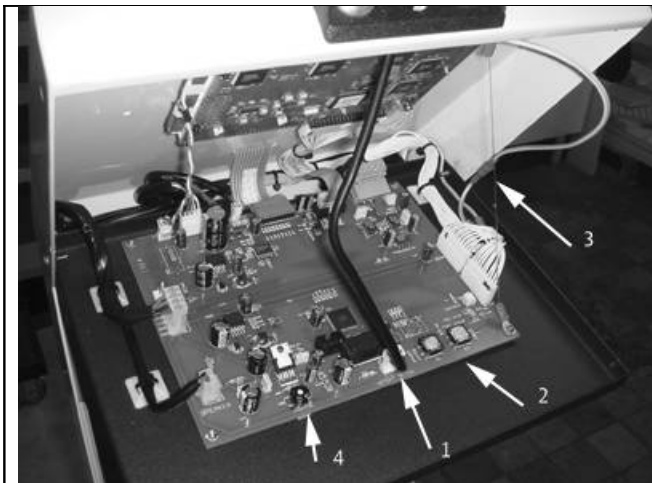
SPECIAL NOTES

Machine RESET

If the machine for some reason (example backup battery low) does not enter the menu with 369, you can always enter with the button S1 (menu 369) and S2 (menu 999).

Once the backup battery has been changed, you will need to reset the password 369. To do so, switch on the machine while keeping the 2 buttons pressed.

If your machine does not enter the menu with 369, open the head. Keep the 2 button pressed and switch the scale on. It will emit a beep and then the 369 code will be restored.



- 1- height meter connector
- 2- S1,S2 buttons
- 4- Volume

Volume adjustment

It is possible to adjust the volume with trimmer 4, using a small screwdriver.

Technical specifications

| | |
|----------------|--------------|
| Power voltage: | 230V 50/60Hz |
| Consumption: | 50VA |
| Fuses: | 1 x 1A |

| | |
|---------------------------|-----------|
| Measuring system: | Load cell |
| Division | 100 g |
| Minimum weight measurable | 10Kg |
| Maximum weight measurable | 200Kg |

Height meter specifications

| | |
|---------------------------|-------------|
| Power voltage: | 5 V |
| Power consumption: | 200 ma |
| Measuring system | Ultrasounds |
| Division | 1 cm |
| Minimum measurable height | 100 cm |
| Maximum measurable height | 200 cm |

This device is not suitable to be used in presence of flammable gases.

Declaration of conformity



Manufacturer: DPS-Promatic srl
via Edison 21
47122 Forlì Italy

Declares that the following product

Product: People weighing-machine
Type: BWS-XB

Conforms to the following directives

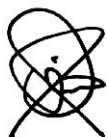
EMC: Directive 89/336/EEC

Low Voltage: Directive 73/23

This machine has been designed to weigh people automatically, not for diagnostic purposes. It must be used according to the instructions on this manual. It must be kept in good working state and maintained with original spare parts, according to manufacturer instructions.

Forlì 15-10-2008

DPS-Promatic srl



Edited on il 5-5-2010

by the manufacturer:

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Questa é la revisione 2.2
of the instructions manual
if the weighing scale
BWS-XB

To keep improving our products
we reserve the right to change the specifications without
any warning.